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Submitted Information

For: Paul Tessier
cc: Steve Dean
Subject: Coronado Stone Products
 Lewisville, TX
Date: March 23, 2006
Project: 0601-12 PTP
Samples Submitted: 52 types of manufactured stone in various sizes, shapes, and colors

Sample	Color	Size
"Appalachian Fieldstone - Mountain Sunset"	Tan, Brown, Red	Various
"Belgian Castle - Light Grey"	Gray, Tan	Various
"Canyon Ledge - Brookside"	Tan, Brown	Various
"Clinker Brick - Antique Red"	Red	Various
"Coronado Honey Ledge - Four Rivers"	Brown, Tan, Gray, Red	Various
"Coronado Honey Ledge - Shasta Blend"	Gray, White, Tan, Brown	Various
"Coronado Honey Ledge - Sioux Falls"	Tan, Brown	Various
"Country Castle - Hill Country"	White, Gold	Various
"Country Castle - Lompoc"	Gray, Tan, White	Various
"Country Castle - Redwood"	Tan, Brown, Red, Dark Gray	Various
"Country Castle - Sunset Blend"	White, Gray, Red, Tan, Brown	Various
"Country Rubble - Antique Cream"	White, Tan, Gray	Various
"Country Rubble - Chalk"	White	Various
"Country Rubble - Coastal Brown"	Brown, Tan, Green, Gray	Various
"Country Rubble - Golden Brown"	Black, Tan, Brown	Various
"Country Rubble - Mesa Blend"	Tan, Red, Brown	Various
"Country Rubble - Texas Cream"	White, Tan	Various
"Creek Rock - Palm Springs Blend"	Yellow, Tan, Gray, Red	Various
"Creek Rock - Southwest Blend"	Yellow, Tan, Gray, Red, White	Various
"English Rubble - Pebble Beach Blend"	White, Tan	Various
"English Rubble - Versailles"	White, Tan, Brown, Gray	Various
"French Country Villa - Bordeaux"	Tan, Brown, Gray	Various
"French Country Villa - Champagne"	Tan, White	Various
"French Country Villa - Verona"	Brown, Tan	Various
"Idaho Drystack - Antique Buff"	White, Gray, Tan, Brown, Red	Various
"Idaho Drystack - Carmel Mountain"	Tan, Brown, Red	Various
"Idaho Drystack - Denver Blend"	Tan, Brown, Red	Various
"Idaho Drystack - Smokey Grey"	Gray, Tan, White	Various
"Italian Villa - Portabella"	Brown, Red, Tan	Various
"Italian Villa - Provo Canyon Grey"	Gray, Tan	Various
"Italian Villa - Volterra"	Tan, Brown, Gray	Various
"Minnesota Fieldstone - Chablis"	Brown, Green, Tan, Red	Various
"Mountain Eastern Ledge - Dakota Brown"	Brown, Gray, Tan	Various
"Mountain Eastern Ledge - Grey"	Dark Gray, Brown	Various
"Mountain Eastern Ledge - Wheat"	Tan, Brown, White	Various
"Old Country Ledge - Fall Country"	Tan, White	Various

Samples Submitted (continued):

Sample	Color	Size
"Old Country Ledge - Madison County"	Gray, Red, Tan, Brown, White	Various
"Quick Stack - Sahara Blend"	White, Gray, Tan, Red	Various
"River Rock - Reno Blend"	Tan, Brown, Gray, Black	Various
"River Rock - Vermont Blend"	Gray, Tan, Brown, Black	Various
"Special Used Brick - Red Used"	Red, White, Black, Gray	Various
"Special Used Brick - Rustic Blend"	Red, White, Black, Gray	Various
"Split Fieldstone - Carmel Mountain"	Tan, Brown, Red	Various
"Split Fieldstone - Green Valley Quartzite"	Grey, Gray, Tan	Various
"Texas Rubble - Cream"	White, Tan	Various
"Tuscan Villa - Florentine"	Brown, Tan, Gray	Various
"Tuscan Villa - Prairie Moss"	Brown, Gray, Tan, Red	Various
"Virginia Ledge - Aspen"	Gray, Green, Red, Tan	Various
"Virginia Ledge - Golden Sand"	White, Gray, Tan	Various
"Virginia Ledge - Storm Brown"	Brown, Black, Tan	Various
"Weathered Edge - Sunhill Blend"	Brown, Tan, Red, Gray, White	Various
"Weathered Edge - Wisconsin Blend"	Brown, Tan, Gray, White	Various

Submitted by: Paul Tessier

Introduction

Architectural Materials Testing (AMT) Laboratories is a Boyer Industries company that provides laboratory testing and consulting services for the construction industry. Laboratory testing includes evaluating chemical cleaning products and protective treatments for a variety of new and existing architectural materials.

This report includes descriptions of the PROSOCO, Inc. products and test methods that were used. Following test results and conclusions, the report provides recommendations for the most effective products and procedures.

Purpose of Testing

Fifty two types of manufactured stone were submitted to AMT Laboratories by PROSOCO, Inc. with a request to determine if application of the products evaluated will produce any surface alterations during new construction cleaning operations. Additionally, the effectiveness of water repellents, graffiti control products, stain repellents, and color/sheen enhancement products suitable for manufactured stone were evaluated.

New Construction Cleaning – Sure Klean® Manufactured Stone Cleaner and Enviro Klean® Safety Klean were tested at various dilutions to determine the optimum cleaner/cure time combination for complete removal of laboratory applied Type S mortar from the submitted manufactured stone while limiting surface alterations to the decorative finish. The surface alteration evaluation was visually determined based upon perceived discoloration or erosion/etching of the samples.

To simulate new construction soiling, the samples were placed on a bench with finished surface facing upward. Hollow cylinders measuring 50 mm in diameter and 75 mm tall were positioned on top of the samples and filled with a wet mixture of either Type S cementitious mortar. The wet mortar-filled cylinder was allowed to remain in contact with the samples for 10 minutes before removal.

Heavy deposits of mortar were removed with dry scraping after 24 hours. Prepared cleaning solutions were then evaluated for their effectiveness in removing residual Type S mortar after 3, 7, and 14 days of curing. A visual examination was also made to determine if the tested cleaners caused any surface alterations to the submitted samples based on the following:

Surface Finish Removal is the visual examination of the sample comparing the surface finish of the untreated control surface to the surface finish cleaned with selected product(s) at given dilutions.

Substrate Deterioration is the visual examination of the sample comparing the surface of the untreated control to surfaces cleaned with selected product(s) at given dilutions looking for any potential erosion/digestion of the sample.

Color Change is the visual examination comparing the color of the untreated control surface to color of surfaces cleaned with selected products at given dilutions.

Staining is the visual examination for changes that are the result of a chemical reaction that leaves a staining precipitate.

Protective Water Repellents – Sure Klean® Weather Seal Blok-Guard® & Graffiti Control, Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II, Sure Klean® Weather Seal Siloxane WB Concentrate, Sure Klean® Weather Seal Siloxane PD, and Stand Off® SLX100 Water & Oil Repellent were evaluated for their ability to provide water repellency to the submitted samples.

Graffiti Control – Sure Klean® Weather Seal Blok-Guard® & Graffiti Control and Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II were evaluated for their ability to repel graffiti from the submitted samples. Sure Klean® Fast Acting Stripper and Defacer Eraser® Graffiti Wipe were evaluated for their ability to remove graffiti from the submitted samples.

Stain Repellency – Stand Off® SLX100 Water & Oil Repellent and Stand Off® Stone, Tile & Masonry Protector (STMP) were evaluated for their ability to repel stains from the submitted samples.

Color and Sheen Enhancement – Sure Klean® Weather Seal Blok-Guard® & Graffiti Control, Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II, and Stand Off® Gloss 'N Guard WB were evaluated for their ability to provide color and sheen enhancement to the submitted samples.

Products Evaluated**New Construction Cleaning Products Evaluated**

Sample	Product	Dilution
All Submitted Manufactured Stone	Sure Klean® Manufactured Stone Cleaner	1:2, 1:3
	Enviro Klean® Safety Klean	1:2, 1:3

Protective Water Repellent Products Evaluated

Sample	Product	Dilution
All Submitted Manufactured Stone	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	Concentrate
	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	Concentrate
	Sure Klean® Weather Seal Siloxane WB Concentrate	1:9
	Sure Klean® Weather Seal Siloxane PD	Concentrate
	Stand Off® SLX100 Water & Oil Repellent	Concentrate

Graffiti Repellent Products Evaluated

Sample	Product	Dilution
All Submitted Manufactured Stone	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	Concentrate
	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	Concentrate

Graffiti Removal Products Evaluated

Sample	Product	Dilution
All Submitted Manufactured Stone	Sure Klean® Fast Acting Stripper	Concentrate
	Defacer Eraser® Graffiti Wipe	Concentrate

Color and Sheen Enhancement Products Evaluated

Sample	Product	Dilution
All Submitted Manufactured Stone	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	Concentrate
	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	Concentrate
	Stand Off® Gloss 'N Guard WB	Concentrate

Dilution ratios refer to mixtures of concentrated product : fresh water.

New Construction Cleaning

These cleaning trials were conducted to determine the optimal cleaning/cure time combination to most efficiently remove Type S mortar from the submitted samples while limiting surface alterations to the decorative finish.

Type S cementitious mortar was prepared in compliance with the manufacturer's instructions, applied to the manufactured stone surface and allowed to cure for 3, 7 and 14 days. Mortar removal was accomplished using chemical assistance and a high-pressure water rinse with pressure rinsing equipment. The removal of Type S cementitious mortar was visually evaluated after 3, 7 and 14 days of curing.

Description of Products Evaluated – New Construction Cleaning

Sure Klean® Manufactured Stone Cleaner – Removes common construction and atmospheric staining from custom masonry and other architectural concrete surfaces. This general-purpose, non-etching, acidic cleaner removes rust, mud, oil, atmospheric dirt, mortar smears and other stains without altering the surface texture. Manufactured Stone Cleaner adds depth to colors and brightens white matrices and exposed aggregate.

Enviro Klean® Safety Klean – An effective, safe, alternative to acidic compounds for cleaning brick, tile and concrete surfaces. Safety Klean rids new masonry construction of excess mortar, dirt and other common job site soiling. It's ideal for projects where traditional acidic cleaners are not allowed. Non-fuming Safety Klean contains no hydrochloric or other traditional inorganic acids and is safe for use on and around most metal surfaces. Always test. Additionally, it is up to 70 percent more effective than citric and glycolic acids and 50 percent more effective than phosphoric acid.

Test Method – New Construction Cleaning

New construction cleaners were evaluated using the following procedure:

1. Pre-wet the surface with water.
2. Apply the cleaner.
3. Allow the appropriate dwell time, as specified:

Sure Klean® Manufactured Stone Cleaner	3-5 minutes
Enviro Klean® Safety Klean.....	3-5 minutes
4. Pressure rinse thoroughly.*

***Pressure Rinsing Equipment** – Masonry washing equipment generating approximately 700-800 psi with a water flow rate of 8 gallons per minute delivered through a 45 degree fan spray tip was used for rinsing.

Test Results – New Construction Cleaning**Cleaning Effectiveness (% Type S Mortar Removal)**

“Appalachian Fieldstone - Mountain Sunset”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	98%	98%	90%
Sure Klean [®] Manufactured Stone Cleaner	1:3	98%	98%	90%
Enviro Klean [®] Safety Klean	1:2	98%	95%	95%
Enviro Klean [®] Safety Klean	1:3	95%	95%	95%
“Belgian Castle - Light Grey”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	100%	100%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	100%	100%
Enviro Klean [®] Safety Klean	1:2	100%	100%	100%
Enviro Klean [®] Safety Klean	1:3	100%	100%	100%
“Canyon Ledge - Brookside”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	98%	95%	90%
Sure Klean [®] Manufactured Stone Cleaner	1:3	98%	95%	90%
Enviro Klean [®] Safety Klean	1:2	100%	99%	90%
Enviro Klean [®] Safety Klean	1:3	100%	99%	90%
“Clinker Brick - Antique Red”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	98%	98%	80%
Sure Klean [®] Manufactured Stone Cleaner	1:3	98%	95%	70%
Enviro Klean [®] Safety Klean	1:2	100%	99%	90%
Enviro Klean [®] Safety Klean	1:3	100%	99%	90%
“Coronado Honey Ledge - Four Rivers”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	95%	90%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	90%	85%
Enviro Klean [®] Safety Klean	1:2	100%	98%	95%
Enviro Klean [®] Safety Klean	1:3	100%	98%	85%
“Coronado Honey Ledge - Shasta Blend”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	100%	95%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	100%	95%
Enviro Klean [®] Safety Klean	1:2	100%	100%	100%
Enviro Klean [®] Safety Klean	1:3	100%	100%	100%
“Coronado Honey Ledge - Sioux Falls”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	95%	90%	90%
Sure Klean [®] Manufactured Stone Cleaner	1:3	95%	90%	90%
Enviro Klean [®] Safety Klean	1:2	98%	95%	95%
Enviro Klean [®] Safety Klean	1:3	98%	95%	95%
“Country Castle - Hill Country”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	99%	99%
Sure Klean [®] Manufactured Stone Cleaner	1:3	99%	98%	98%
Enviro Klean [®] Safety Klean	1:2	100%	99%	90%
Enviro Klean [®] Safety Klean	1:3	100%	90%	90%

Test Results – New Construction Cleaning**Cleaning Effectiveness (% Type S Mortar Removal)**

“Country Castle - Lompoc”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	98%	98%
Sure Klean [®] Manufactured Stone Cleaner	1:3	95%	90%	90%
Enviro Klean [®] Safety Klean	1:2	100%	100%	98%
Enviro Klean [®] Safety Klean	1:3	100%	100%	98%
“Country Castle - Redwood”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	100%	100%
Sure Klean [®] Manufactured Stone Cleaner	1:3	95%	90%	90%
Enviro Klean [®] Safety Klean	1:2	100%	100%	100%
Enviro Klean [®] Safety Klean	1:3	100%	100%	100%
“Country Castle - Sunset Blend”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	100%	100%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	98%	98%
Enviro Klean [®] Safety Klean	1:2	100%	100%	100%
Enviro Klean [®] Safety Klean	1:3	100%	100%	100%
“Country Rubble - Antique Cream”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	98%	98%	95%
Sure Klean [®] Manufactured Stone Cleaner	1:3	98%	98%	95%
Enviro Klean [®] Safety Klean	1:2	100%	99%	99%
Enviro Klean [®] Safety Klean	1:3	100%	99%	99%
“Country Rubble - Chalk”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	100%	98%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	100%	85%
Enviro Klean [®] Safety Klean	1:2	100%	100%	95%
Enviro Klean [®] Safety Klean	1:3	100%	100%	95%
“Country Rubble - Coastal Brown”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	95%	80%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	90%	80%
Enviro Klean [®] Safety Klean	1:2	100%	95%	95%
Enviro Klean [®] Safety Klean	1:3	100%	95%	95%
“Country Rubble - Golden Brown”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	90%	90%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	90%	90%
Enviro Klean [®] Safety Klean	1:2	100%	100%	100%
Enviro Klean [®] Safety Klean	1:3	100%	100%	100%
“Country Rubble - Mesa Blend”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	100%	98%
Sure Klean [®] Manufactured Stone Cleaner	1:3	98%	95%	90%
Enviro Klean [®] Safety Klean	1:2	100%	100%	100%
Enviro Klean [®] Safety Klean	1:3	98%	95%	95%

Test Results – New Construction Cleaning**Cleaning Effectiveness (% Type S Mortar Removal)**

“Country Rubble - Texas Cream”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	95%	90%	85%
Sure Klean [®] Manufactured Stone Cleaner	1:3	85%	85%	85%
Enviro Klean [®] Safety Klean	1:2	99%	99%	99%
Enviro Klean [®] Safety Klean	1:3	99%	99%	99%
“Creek Rock - Palm Springs Blend”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	100%	100%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	100%	95%
Enviro Klean [®] Safety Klean	1:2	100%	100%	100%
Enviro Klean [®] Safety Klean	1:3	100%	100%	95%
“Creek Rock - Southwest Blend”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	98%	98%
Sure Klean [®] Manufactured Stone Cleaner	1:3	99%	98%	90%
Enviro Klean [®] Safety Klean	1:2	100%	95%	95%
Enviro Klean [®] Safety Klean	1:3	100%	95%	95%
“English Rubble - Pebble Beach Blend”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	100%	98%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	99%	95%
Enviro Klean [®] Safety Klean	1:2	100%	100%	100%
Enviro Klean [®] Safety Klean	1:3	100%	100%	100%
“English Rubble - Versailles”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	100%	100%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	100%	100%
Enviro Klean [®] Safety Klean	1:2	100%	100%	100%
Enviro Klean [®] Safety Klean	1:3	100%	100%	100%
“French Country Villa - Bordeaux”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	90%	90%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	90%	90%
Enviro Klean [®] Safety Klean	1:2	100%	100%	100%
Enviro Klean [®] Safety Klean	1:3	100%	100%	100%
“French Country Villa - Champagne”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	90%	90%	90%
Sure Klean [®] Manufactured Stone Cleaner	1:3	90%	90%	80%
Enviro Klean [®] Safety Klean	1:2	98%	98%	95%
Enviro Klean [®] Safety Klean	1:3	98%	98%	95%
“French Country Villa - Verona”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	90%	90%	80%
Sure Klean [®] Manufactured Stone Cleaner	1:3	90%	90%	80%
Enviro Klean [®] Safety Klean	1:2	95%	90%	90%
Enviro Klean [®] Safety Klean	1:3	95%	90%	90%

Test Results – New Construction Cleaning**Cleaning Effectiveness (% Type S Mortar Removal)**

“Idaho Drystack - Antique Buff”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	100%	100%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	100%	98%
Enviro Klean [®] Safety Klean	1:2	100%	100%	100%
Enviro Klean [®] Safety Klean	1:3	100%	100%	98%
“Idaho Drystack - Carmel Mountain”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	99%	99%	98%
Sure Klean [®] Manufactured Stone Cleaner	1:3	90%	90%	80%
Enviro Klean [®] Safety Klean	1:2	95%	95%	95%
Enviro Klean [®] Safety Klean	1:3	95%	95%	95%
“Idaho Drystack - Denver Blend”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	90%	90%	80%
Sure Klean [®] Manufactured Stone Cleaner	1:3	80%	70%	40%
Enviro Klean [®] Safety Klean	1:2	98%	95%	90%
Enviro Klean [®] Safety Klean	1:3	95%	95%	85%
“Idaho Drystack - Smokey Grey”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	95%	85%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	95%	85%
Enviro Klean [®] Safety Klean	1:2	100%	95%	95%
Enviro Klean [®] Safety Klean	1:3	100%	95%	95%
“Italian Villa - Portabella”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	99%	98%
Sure Klean [®] Manufactured Stone Cleaner	1:3	98%	85%	80%
Enviro Klean [®] Safety Klean	1:2	100%	100%	98%
Enviro Klean [®] Safety Klean	1:3	100%	98%	98%
“Italian Villa - Provo Canyon Grey”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	100%	98%
Sure Klean [®] Manufactured Stone Cleaner	1:3	95%	90%	90%
Enviro Klean [®] Safety Klean	1:2	100%	100%	100%
Enviro Klean [®] Safety Klean	1:3	100%	100%	100%
“Italian Villa - Volterra”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	98%	98%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	98%	95%
Enviro Klean [®] Safety Klean	1:2	100%	100%	95%
Enviro Klean [®] Safety Klean	1:3	100%	98%	95%
“Minnesota Fieldstone - Chablis”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	95%	90%	90%
Sure Klean [®] Manufactured Stone Cleaner	1:3	95%	90%	90%
Enviro Klean [®] Safety Klean	1:2	100%	95%	95%
Enviro Klean [®] Safety Klean	1:3	100%	95%	95%

Test Results – New Construction Cleaning**Cleaning Effectiveness (% Type S Mortar Removal)**

“Mountain Eastern Ledge - Dakota Brown”				
Product	Dilution	3 day	7 day	14 day
Sure Klean® Manufactured Stone Cleaner	1:2	95%	95%	90%
Sure Klean® Manufactured Stone Cleaner	1:3	95%	95%	90%
Enviro Klean® Safety Klean	1:2	95%	95%	95%
Enviro Klean® Safety Klean	1:3	95%	95%	95%
“Mountain Eastern Ledge - Grey”				
Product	Dilution	3 day	7 day	14 day
Sure Klean® Manufactured Stone Cleaner	1:2	98%	90%	85%
Sure Klean® Manufactured Stone Cleaner	1:3	98%	90%	85%
Enviro Klean® Safety Klean	1:2	99%	95%	95%
Enviro Klean® Safety Klean	1:3	95%	95%	95%
“Mountain Eastern Ledge - Wheat”				
Product	Dilution	3 day	7 day	14 day
Sure Klean® Manufactured Stone Cleaner	1:2	95%	95%	95%
Sure Klean® Manufactured Stone Cleaner	1:3	95%	90%	85%
Enviro Klean® Safety Klean	1:2	95%	95%	95%
Enviro Klean® Safety Klean	1:3	95%	95%	95%
“Old Country Ledge - Fall Country”				
Product	Dilution	3 day	7 day	14 day
Sure Klean® Manufactured Stone Cleaner	1:2	95%	95%	95%
Sure Klean® Manufactured Stone Cleaner	1:3	95%	90%	90%
Enviro Klean® Safety Klean	1:2	100%	100%	100%
Enviro Klean® Safety Klean	1:3	100%	100%	98%
“Old Country Ledge - Madison County”				
Product	Dilution	3 day	7 day	14 day
Sure Klean® Manufactured Stone Cleaner	1:2	100%	100%	100%
Sure Klean® Manufactured Stone Cleaner	1:3	100%	100%	95%
Enviro Klean® Safety Klean	1:2	100%	100%	100%
Enviro Klean® Safety Klean	1:3	100%	100%	100%
“Quick Stack - Sahara Blend”				
Product	Dilution	3 day	7 day	14 day
Sure Klean® Manufactured Stone Cleaner	1:2	100%	100%	100%
Sure Klean® Manufactured Stone Cleaner	1:3	100%	100%	100%
Enviro Klean® Safety Klean	1:2	100%	100%	100%
Enviro Klean® Safety Klean	1:3	100%	100%	100%
“River Rock - Reno Blend”				
Product	Dilution	3 day	7 day	14 day
Sure Klean® Manufactured Stone Cleaner	1:2	100%	98%	98%
Sure Klean® Manufactured Stone Cleaner	1:3	100%	98%	98%
Enviro Klean® Safety Klean	1:2	100%	100%	98%
Enviro Klean® Safety Klean	1:3	100%	100%	98%
“River Rock - Vermont Blend”				
Product	Dilution	3 day	7 day	14 day
Sure Klean® Manufactured Stone Cleaner	1:2	100%	100%	100%
Sure Klean® Manufactured Stone Cleaner	1:3	100%	100%	100%
Enviro Klean® Safety Klean	1:2	100%	100%	100%
Enviro Klean® Safety Klean	1:3	100%	100%	100%

Test Results – New Construction Cleaning**Cleaning Effectiveness (% Type S Mortar Removal)**

“Special Used Brick - Red Used”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	98%	95%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	98%	80%
Enviro Klean [®] Safety Klean	1:2	100%	100%	98%
Enviro Klean [®] Safety Klean	1:3	100%	98%	98%
“Special Used Brick - Rustic Blend”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	99%	90%
Sure Klean [®] Manufactured Stone Cleaner	1:3	98%	98%	80%
Enviro Klean [®] Safety Klean	1:2	100%	100%	99%
Enviro Klean [®] Safety Klean	1:3	100%	100%	98%
“Split Fieldstone - Carmel Mountain”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	98%	90%	80%
Sure Klean [®] Manufactured Stone Cleaner	1:3	98%	90%	80%
Enviro Klean [®] Safety Klean	1:2	100%	95%	90%
Enviro Klean [®] Safety Klean	1:3	100%	95%	90%
“Split Fieldstone - Green Valley Quartzite”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	100%	100%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	100%	100%
Enviro Klean [®] Safety Klean	1:2	100%	100%	100%
Enviro Klean [®] Safety Klean	1:3	100%	100%	100%
“Texas Rubble - Cream”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	98%	98%	98%
Sure Klean [®] Manufactured Stone Cleaner	1:3	98%	95%	95%
Enviro Klean [®] Safety Klean	1:2	98%	98%	98%
Enviro Klean [®] Safety Klean	1:3	98%	95%	95%
“Tuscan Villa - Florentine”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	100%	98%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	100%	95%
Enviro Klean [®] Safety Klean	1:2	100%	100%	100%
Enviro Klean [®] Safety Klean	1:3	100%	100%	100%
“Tuscan Villa - Prairie Moss”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	100%	100%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	100%	98%
Enviro Klean [®] Safety Klean	1:2	100%	100%	100%
Enviro Klean [®] Safety Klean	1:3	100%	100%	99%
“Virginia Ledge - Aspen”				
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Manufactured Stone Cleaner	1:2	100%	100%	95%
Sure Klean [®] Manufactured Stone Cleaner	1:3	100%	100%	90%
Enviro Klean [®] Safety Klean	1:2	100%	100%	95%
Enviro Klean [®] Safety Klean	1:3	100%	100%	90%

Test Results – New Construction Cleaning**Cleaning Effectiveness (% Type S Mortar Removal)**

“Virginia Ledge - Golden Sand”				
Product	Dilution	3 day	7 day	14 day
Sure Klean® Manufactured Stone Cleaner	1:2	100%	100%	98%
Sure Klean® Manufactured Stone Cleaner	1:3	100%	100%	90%
Enviro Klean® Safety Klean	1:2	100%	100%	100%
Enviro Klean® Safety Klean	1:3	100%	100%	100%
“Virginia Ledge - Storm Brown”				
Product	Dilution	3 day	7 day	14 day
Sure Klean® Manufactured Stone Cleaner	1:2	100%	100%	98%
Sure Klean® Manufactured Stone Cleaner	1:3	100%	100%	95%
Enviro Klean® Safety Klean	1:2	100%	100%	98%
Enviro Klean® Safety Klean	1:3	100%	100%	98%
“Weathered Edge - Sunhill Blend”				
Product	Dilution	3 day	7 day	14 day
Sure Klean® Manufactured Stone Cleaner	1:2	100%	99%	98%
Sure Klean® Manufactured Stone Cleaner	1:3	100%	99%	98%
Enviro Klean® Safety Klean	1:2	100%	99%	98%
Enviro Klean® Safety Klean	1:3	100%	99%	98%
“Weathered Edge - Wisconsin Blend”				
Product	Dilution	3 day	7 day	14 day
Sure Klean® Manufactured Stone Cleaner	1:2	100%	90%	90%
Sure Klean® Manufactured Stone Cleaner	1:3	100%	90%	90%
Enviro Klean® Safety Klean	1:2	100%	100%	100%
Enviro Klean® Safety Klean	1:3	100%	100%	100%

Test Results – Limiting Surface Alterations

Substrate: Manufactured Stone		Pigment Color: “Appalachian Fieldstone - Mountain Sunset”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	1	0	0	0
Enviro Klean [®] Safety Klean	1:3	1	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Belgian Castle - Light Grey”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Canyon Ledge - Brookside”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	1	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	3	0	0	0
Enviro Klean [®] Safety Klean	1:3	3	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Clinker Brick - Antique Red”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Coronado Honey Ledge - Four Rivers”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Coronado Honey Ledge - Shasta Blend”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Coronado Honey Ledge - Sioux Falls”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0

The following is the scale used for reporting results of all categories:

- | | |
|---------------|---------------|
| 0 – No Change | 3 – Heavy |
| 1 – Slight | 4 – Excessive |
| 2 – Moderate | |

Test Results – Limiting Surface Alterations

Substrate: Manufactured Stone		Pigment Color: “Country Castle - Hill Country”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Country Castle - Lompoc”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Country Castle - Redwood”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	1	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	2	0	0	0
Enviro Klean [®] Safety Klean	1:3	2	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Country Castle - Sunset Blend”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	1	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	1	0	0	0
Enviro Klean [®] Safety Klean	1:2	2	0	0	0
Enviro Klean [®] Safety Klean	1:3	2	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Country Rubble - Antique Cream”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Country Rubble - Chalk”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Country Rubble - Coastal Brown”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0

The following is the scale used for reporting results of all categories:

- | | |
|---------------|---------------|
| 0 – No Change | 3 – Heavy |
| 1 – Slight | 4 – Excessive |
| 2 – Moderate | |

Test Results – Limiting Surface Alterations

Substrate: Manufactured Stone		Pigment Color: “Country Rubble - Golden Brown”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Country Rubble - Mesa Blend”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Country Rubble - Texas Cream”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Creek Rock - Palm Springs Blend”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	1	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	1	0	0	0
Enviro Klean [®] Safety Klean	1:2	2	0	0	0
Enviro Klean [®] Safety Klean	1:3	2	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Creek Rock - Southwest Blend”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	1	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	1	0	0	0
Enviro Klean [®] Safety Klean	1:2	2	0	0	0
Enviro Klean [®] Safety Klean	1:3	2	0	0	0
Substrate: Manufactured Stone		Pigment Color: “English Rubble - Pebble Beach Blend”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “English Rubble - Versailles”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0

The following is the scale used for reporting results of all categories:

- | | |
|---------------|---------------|
| 0 – No Change | 3 – Heavy |
| 1 – Slight | 4 – Excessive |
| 2 – Moderate | |

Test Results – Limiting Surface Alterations

Substrate: Manufactured Stone		Pigment Color: “French Country Villa - Bordeaux”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “French Country Villa - Champagne”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “French Country Villa - Verona”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Idaho Drystack - Antique Buff”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Idaho Drystack - Carmel Mountain”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	1	0	0	0
Enviro Klean [®] Safety Klean	1:3	1	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Idaho Drystack - Denver Blend”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Idaho Drystack - Smokey Grey”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0

The following is the scale used for reporting results of all categories:

- | | |
|---------------|---------------|
| 0 – No Change | 3 – Heavy |
| 1 – Slight | 4 – Excessive |
| 2 – Moderate | |

Test Results – Limiting Surface Alterations

Substrate: Manufactured Stone		Pigment Color: “Italian Villa - Portabella”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	1	0	0	0
Enviro Klean [®] Safety Klean	1:3	1	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Italian Villa - Provo Canyon Grey”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	1	0	0	0
Enviro Klean [®] Safety Klean	1:3	1	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Italian Villa - Volterra”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Minnesota Fieldstone - Chablis”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	1	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	1	0	0	0
Enviro Klean [®] Safety Klean	1:2	2	0	0	0
Enviro Klean [®] Safety Klean	1:3	2	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Mountain Eastern Ledge - Dakota Brown”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Mountain Eastern Ledge - Grey”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Mountain Eastern Ledge - Wheat”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0

The following is the scale used for reporting results of all categories:

- | | |
|---------------|---------------|
| 0 – No Change | 3 – Heavy |
| 1 – Slight | 4 – Excessive |
| 2 – Moderate | |

Test Results – Limiting Surface Alterations

Substrate: Manufactured Stone		Pigment Color: “Old Country Ledge - Fall Country”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	1	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	1	0	0	0
Enviro Klean [®] Safety Klean	1:2	1	0	0	0
Enviro Klean [®] Safety Klean	1:3	1	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Old Country Ledge - Madison County”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Quick Stack - Sahara Blend”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “River Rock - Reno Blend”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “River Rock - Vermont Blend”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	1	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	1	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Special Used Brick - Red Used”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Special Used Brick - Rustic Blend”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0

The following is the scale used for reporting results of all categories:

- | | |
|---------------|---------------|
| 0 – No Change | 3 – Heavy |
| 1 – Slight | 4 – Excessive |
| 2 – Moderate | |

Test Results – Limiting Surface Alterations

Substrate: Manufactured Stone		Pigment Color: "Split Fieldstone - Carmel Mountain"			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	1	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: "Split Fieldstone - Green Valley Quartzite"			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: "Texas Rubble - Cream"			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: "Tuscan Villa - Florentine"			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: "Tuscan Villa - Prairie Moss"			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	1	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	1	0	0	0
Enviro Klean [®] Safety Klean	1:2	1	0	0	0
Enviro Klean [®] Safety Klean	1:3	1	0	0	0
Substrate: Manufactured Stone		Pigment Color: "Virginia Ledge - Aspen"			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: "Virginia Ledge - Golden Sand"			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	1	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	1	0	0	0
Enviro Klean [®] Safety Klean	1:3	1	0	0	0

The following is the scale used for reporting results of all categories:

- | | |
|---------------|---------------|
| 0 – No Change | 3 – Heavy |
| 1 – Slight | 4 – Excessive |
| 2 – Moderate | |

Test Results – Limiting Surface Alterations

Substrate: Manufactured Stone		Pigment Color: “Virginia Ledge - Storm Brown”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	2	0	0	0
Enviro Klean [®] Safety Klean	1:3	2	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Weathered Edge - Sunhill Blend”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0
Substrate: Manufactured Stone		Pigment Color: “Weathered Edge - Wisconsin Blend”			
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Sure Klean [®] Manufactured Stone Cleaner	1:2	0	0	0	0
Sure Klean [®] Manufactured Stone Cleaner	1:3	0	0	0	0
Enviro Klean [®] Safety Klean	1:2	0	0	0	0
Enviro Klean [®] Safety Klean	1:3	0	0	0	0

The following is the scale used for reporting results of all categories:

- | | |
|---------------|---------------|
| 0 – No Change | 3 – Heavy |
| 1 – Slight | 4 – Excessive |
| 2 – Moderate | |

Photographs – New Construction Cleaning**“Coronado Honey Ledge – Four Rivers”; 3 Day Cleaning**

Sure Klean® Manufactured Stone Cleaner (1:2)	Sure Klean® Manufactured Stone Cleaner (1:3)	Enviro Klean® Safety Klean (1:2)	Enviro Klean® Safety Klean (1:3)	Untreated Control
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“Coronado Honey Ledge – Four Rivers”; 7 Day Cleaning

Sure Klean® Manufactured Stone Cleaner (1:2)	Sure Klean® Manufactured Stone Cleaner (1:3)	Enviro Klean® Safety Klean (1:2)	Enviro Klean® Safety Klean (1:3)	Untreated Control
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“Coronado Honey Ledge – Four Rivers”; 14 Day Cleaning

Sure Klean® Manufactured Stone Cleaner (1:2)	Sure Klean® Manufactured Stone Cleaner (1:3)	Enviro Klean® Safety Klean (1:2)	Enviro Klean® Safety Klean (1:3)	Untreated Control
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Photographs – Limiting Surface Alterations**“Coronado Honey Ledge – Four Rivers” Limiting Surface Alterations**

**Sure Klean®
Manufactured Stone
Cleaner (1:2)**

**Sure Klean®
Manufactured Stone
Cleaner (1:3)**

**Enviro Klean®
Safety Klean (1:2)**

**Enviro Klean®
Safety Klean (1:3)**

Untreated Control

“Country Castle – Redwood” Limiting Surface Alterations

**Sure Klean®
Manufactured
Stone Cleaner (1:2)**

**Sure Klean®
Manufactured
Stone Cleaner (1:3)**

**Enviro Klean®
Safety Klean (1:2)**

**Enviro Klean®
Safety Klean (1:3)**

Untreated Control

“Canyon Ledge – Brookside” Limiting Surface Alterations

**Sure Klean®
Manufactured
Stone Cleaner (1:2)**

**Sure Klean®
Manufactured
Stone Cleaner (1:3)**

**Enviro Klean®
Safety Klean (1:2)**

**Enviro Klean®
Safety Klean (1:3)**

Untreated Control

Conclusions – New Construction Cleaning

Based on the test results, all PROSOCO, Inc. products tested performed well in removing excess Type S mortar from the submitted samples even after allowing the mortar to remain on the surface of the samples for 14 days.

Sure Klean® Manufactured Stone Cleaner removed slight amounts of the pigmented finish from the surface of the following samples: “Canyon Ledge – Brookside,” “Country Castle – Redwood,” “Country Castle - Sunset Blend,” “Creek Rock - Palm Springs Blend,” “Creek Rock - Southwest Blend,” “Minnesota Fieldstone – Chablis,” “Old Country Ledge - Fall Country,” “River Rock - Vermont Blend,” “Tuscan Villa - Prairie Moss,” and “Virginia Ledge - Golden Sand.”

Enviro Klean® Safety Klean removed slight amounts of the pigmented finish from the surface of the following samples: “Appalachian Fieldstone - Mountain Sunset,” “Idaho Drystack - Carmel Mountain,” “Italian Villa – Portabella,” “Italian Villa - Provo Canyon Grey,” “Old Country Ledge - Fall Country,” “River Rock - Vermont Blend,” “Split Fieldstone - Carmel Mountain,” “Tuscan Villa - Prairie Moss,” and “Virginia Ledge - Golden Sand.”

It is recommended that job-site testing be performed in an inconspicuous area before attempting overall cleaning to determine if the change in surface finish of these samples is acceptable.

NOTE: Both dilutions of Enviro Klean® Safety Klean tested removed moderate to heavy amounts of the pigmented finish from the surface of the following samples: “Canyon Ledge – Brookside,” “Country Castle – Redwood,” “Country Castle - Sunset Blend,” “Creek Rock - Palm Springs Blend,” “Creek Rock - Southwest Blend,” “Minnesota Fieldstone – Chablis,” and “Virginia Ledge - Storm Brown. Based on this evaluation and the evaluation for mortar removal, Enviro Klean® Safety Klean is not recommended for new construction cleaning on these samples.

It is recommended that the selected cleaners always be used in the lowest possible concentration. It should be rinsed with the lowest pressure of water as practical to minimize removal of the decorative finish. Excessive pressure, water volume, and/or repeated application of the recommended products may combine to damage or remove decorative finishes. To facilitate easier removal of excess mortar and construction dirt while minimizing any potential surface alterations to the decorative finish, clean within 3 days of construction for Type S mortar.

Recommendations – New Construction Cleaning

Recommendations for new construction cleaning for the manufactured stone submitted by Coronado Stone Products, Lewisville, TX are provided in the charts below. Recommendations are based on the optimum dilution for complete removal of mortar while limiting surface alterations.

Sample	New Construction Cleaning (Type S mortar, 14 day cleaning)
“Idaho Drystack - Carmel Mountain” “Italian Villa - Portabella”	Sure Klean® Manufactured Stone Cleaner (1:2)
“Appalachian Fieldstone - Mountain Sunset” “Canyon Ledge - Brookside” “Country Castle - Redwood” “Country Castle - Sunset Blend” “Creek Rock - Palm Springs Blend” “Creek Rock - Southwest Blend” “Italian Villa - Provo Canyon Grey” “Minnesota Fieldstone - Chablis” “Virginia Ledge - Golden Sand” “Virginia Ledge - Storm Brown”	Sure Klean® Manufactured Stone Cleaner (1:3)
“Idaho Drystack - Denver Blend”	Enviro Klean® Safety Klean (1:2)

Recommendations – New Construction Cleaning

Sample	New Construction Cleaning (Type S mortar, 14 day cleaning)
"Clinker Brick - Antique Red" "Country Rubble - Coastal Brown" "Country Rubble - Texas Cream" "French Country Villa - Verona" "Idaho Drystack - Smokey Grey" "Mountain Eastern Ledge - Grey" "Split Fieldstone - Carmel Mountain"	Enviro Klean® Safety Klean (1:3)
"Coronado Honey Ledge - Four Rivers"	Sure Klean® Manufactured Stone Cleaner (1:2) OR Enviro Klean® Safety Klean (1:2)
"Country Rubble - Chalk" "French Country Villa - Champagne" "Mountain Eastern Ledge - Wheat" "Special Used Brick - Red Used" "Special Used Brick - Rustic Blend"	Sure Klean® Manufactured Stone Cleaner (1:2) OR Enviro Klean® Safety Klean (1:3)
"Belgian Castle - Light Grey" "Country Castle - Hill Country" "Country Castle - Lompoc" "Country Rubble - Antique Cream" "Country Rubble - Golden Brown" "Country Rubble - Mesa Blend" "English Rubble - Pebble Beach Blend" "English Rubble - Versailles" "French Country Villa - Bordeaux" "Coronado Honey Ledge - Shasta Blend" "Coronado Honey Ledge - Sioux Falls" "Idaho Drystack - Antique Buff" "Italian Villa - Volterra" "Mountain Eastern Ledge - Dakota Brown" "Old Country Ledge - Fall Country" "Old Country Ledge - Madison County" "Quick Stack - Sahara Blend" "River Rock - Reno Blend" "River Rock - Vermont Blend" "Split Fieldstone - Green Valley Quartzite" "Texas Rubble - Cream" "Tuscan Villa - Florentine" "Tuscan Villa - Prairie Moss" "Virginia Ledge - Aspen" "Weathered Edge - Sunhill Blend" "Weathered Edge - Wisconsin Blend"	Sure Klean® Manufactured Stone Cleaner (1:3) OR Enviro Klean® Safety Klean (1:3)

Apply all products in accordance with the manufacturer's recommendation provided on container labels and product data sheets. On-site testing should always be conducted to determine the most appropriate cleaning product and procedures for a particular project. See product literature for additional application and product information.

Protective Water Repellents

The testing described below evaluates the suitability of water repellent treatments.

The surface treatments evaluated were selected for their suitability for application based on the following selection criteria:

1. Weatherproofing properties
 2. Color change
 3. Ease of application
-

Description of Products Evaluated – Protective Water Repellents

Sure Klean® Weather Seal Blok-Guard® & Graffiti Control – A clear, solvent-based silicone elastomer formulated to weatherproof concrete block and other porous masonry materials. Blok-Guard® & Graffiti Control protects masonry surfaces from repeated graffiti attacks without altering the natural appearance. Blok-Guard® & Graffiti Control penetrates and fills pores to prevent water penetration through exterior walls exposed to normal weathering. Graffiti removal is fast and easy using Defacer Eraser® Graffiti Wipe. Blok-Guard® & Graffiti Control is easy to apply with low-pressure spray, brush or roller.

Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II – A clear-drying, water-based silicone emulsion for weatherproofing concrete block and other porous masonry materials. Blok-Guard® & Graffiti Control II also protects masonry surfaces from graffiti attacks without altering the natural appearance. Blok-Guard® & Graffiti Control II protects exterior walls exposed to normal weathering. Graffiti removal from treated surfaces is fast and easy using Defacer Eraser® Graffiti Wipe. Blok-Guard® & Graffiti Control II is easy to apply with low-pressure spray, brush or roller.

Sure Klean® Weather Seal Siloxane WB Concentrate – A self-emulsifying water repellent concentrate designed for dilution with fresh water at the job site. This solvent-free blend of silanes and oligomeric alkoxysiloxanes mixes easily with water to produce a penetrating water repellent ideal for application to dense or porous masonry surfaces.

Sure Klean® Weather Seal Siloxane PD – A ready-to-use, water-based silane/siloxane water repellent for concrete, GFRC, and most masonry and stucco surfaces. Siloxane PD penetrates more deeply than conventional water repellents. It helps masonry resist cracking, spalling, staining and other damage related to water intrusion. Low odor and alkaline stable, Siloxane PD is ideal for field and in-plant application.

Stand Off® SLX100 Water & Oil Repellent – Combines water and oil repellency on most substrates to prevent staining by waterborne and oily substances. This modified “neat” silane system offers invisible protection and low volatility. The small molecular structure of SLX100 allows for maximum penetration at coverage rates higher than that of conventional silanes. Depth of penetration is controlled by the application rate (loading rate). This makes SLX100 ideal for protecting granite and other dense, color-sensitive surfaces.

Sample Preparation – Protective Water Repellents

The submitted samples were scored and allowed to dry for at least 24 hours prior to treatment. All treatments were applied by brush in accordance with the current PROSOCO, Inc. Product Data Sheet application instructions. All treatments were allowed to cure for at least 72 hours prior to testing.

Test Methods – Protective Water Repellents**Water Absorption Tube Test: Vertical RILEM II.4, 5.0 milliliters, 20 minutes**

The water absorption tube test simulating wind driven and wind blown rain conditions was performed. Tests were run with vertical 5.0-milliliter head pressures. Filled to 5.0 milliliters, a water absorption tube produces a 98 mph dynamic wind pressure. See RILEM II.4 Tech Note for additional information.

The ranking system used to evaluate the effectiveness of the products applied to each submitted sample is as follows:

AA = “Above Average” correlates to less than or equal to 20% of the maximum untreated absorption.

A = “Average” correlates to less than or equal to 50% of the maximum untreated absorption.

BA = “Below Average” correlates to greater than 50% of the maximum untreated absorption.

EXAMPLE: If RILEM tubes applied to an untreated sample result in loss of 5.0 mL of water or more, then:

A rating of **AA** *Above Average* water repellent performance would be reported for treatments which result in a loss of no more than:

$$5.0 \text{ mL} \times 20\% = \mathbf{1.0 \text{ mL}}$$

A rating of **A** *Average* water repellent performance would be reported for treatments which result in a loss of no more than:

$$5.0 \text{ mL} \times 50\% = \mathbf{2.5 \text{ mL}}$$

A rating of **BA** *Below Average* water repellent performance would be reported for treatments which result in a loss of more than:

$$5.0 \text{ mL} \times 50\% = \mathbf{2.5 \text{ mL}}$$

Test Results – Protective Water Repellents**Water Absorption Tube Test: Vertical RILEM II.4, 5.0 milliliters, 20 minutes****AA = Above Average****A = Average****BA = Below Average**

“Appalachian Fieldstone - Mountain Sunset”	Results in mL loss	Ranking
Untreated Control	-0.3	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Belgian Castle - Light Grey”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Canyon Ledge - Brookside”	Results in mL loss	Ranking
Untreated Control	-0.1	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Clinker Brick - Antique Red”	Results in mL loss	Ranking
Untreated Control	-0.4	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Coronado Honey Ledge - Four Rivers”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Coronado Honey Ledge - Shasta Blend”	Results in mL loss	Ranking
Untreated Control	-0.1	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Coronado Honey Ledge - Sioux Falls”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>

Test Results – Protective Water Repellents**Water Absorption Tube Test: Vertical RILEM II.4, 5.0 milliliters, 20 minutes****AA = Above Average****A = Average****BA = Below Average**

“Country Castle - Hill Country”	Results in mL loss	Ranking
Untreated Control	-0.3	--
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off [®] SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Country Castle - Lompoc”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off [®] SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Country Castle - Redwood”	Results in mL loss	Ranking
Untreated Control	-0.3	--
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off [®] SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Country Castle - Sunset Blend”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off [®] SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Country Rubble - Antique Cream”	Results in mL loss	Ranking
Untreated Control	-0.1	--
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off [®] SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Country Rubble - Chalk”	Results in mL loss	Ranking
Untreated Control	-0.4	--
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off [®] SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Country Rubble - Coastal Brown”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off [®] SLX100 Water & Oil Repellent	-0.0	<u>AA</u>

Test Results – Protective Water Repellents**Water Absorption Tube Test: Vertical RILEM II.4, 5.0 milliliters, 20 minutes****AA = Above Average****A = Average****BA = Below Average**

“Country Rubble - Golden Brown”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Country Rubble - Mesa Blend”	Results in mL loss	Ranking
Untreated Control	-0.3	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Country Rubble - Texas Cream”	Results in mL loss	Ranking
Untreated Control	-0.3	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Creek Rock - Palm Springs Blend”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Creek Rock - Southwest Blend”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“English Rubble - Pebble Beach Blend”	Results in mL loss	Ranking
Untreated Control	-0.5	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“English Rubble - Versailles”	Results in mL loss	Ranking
Untreated Control	-0.6	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>

Test Results – Protective Water Repellents**Water Absorption Tube Test: Vertical RILEM II.4, 5.0 milliliters, 20 minutes****AA = Above Average****A = Average****BA = Below Average**

“French Country Villa - Bordeaux”	Results in mL loss	Ranking
Untreated Control	-0.1	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“French Country Villa - Champagne”	Results in mL loss	Ranking
Untreated Control	-0.1	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“French Country Villa - Verona”	Results in mL loss	Ranking
Untreated Control	-0.1	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Idaho Drystack - Antique Buff”	Results in mL loss	Ranking
Untreated Control	-0.3	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Idaho Drystack - Carmel Mountain”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Idaho Drystack - Denver Blend”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Idaho Drystack - Smokey Grey”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>

Test Results – Protective Water Repellents**Water Absorption Tube Test: Vertical RILEM II.4, 5.0 milliliters, 20 minutes****AA = Above Average****A = Average****BA = Below Average**

“Italian Villa - Portabella”	Results in mL loss	Ranking
Untreated Control	-0.3	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Italian Villa - Provo Canyon Grey”	Results in mL loss	Ranking
Untreated Control	-0.3	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Italian Villa - Volterra”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Minnesota Fieldstone - Chablis”	Results in mL loss	Ranking
Untreated Control	-0.1	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Mountain Eastern Ledge - Dakota Brown”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Mountain Eastern Ledge - Grey”	Results in mL loss	Ranking
Untreated Control	-0.5	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Mountain Eastern Ledge - Wheat”	Results in mL loss	Ranking
Untreated Control	-0.3	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>

Test Results – Protective Water Repellents**Water Absorption Tube Test: Vertical RILEM II.4, 5.0 milliliters, 20 minutes****AA = Above Average****A = Average****BA = Below Average**

“Old Country Ledge - Fall Country”	Results in mL loss	Ranking
Untreated Control	-0.1	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Old Country Ledge - Madison County”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Quick Stack - Sahara Blend”	Results in mL loss	Ranking
Untreated Control	-0.6	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“River Rock - Reno Blend”	Results in mL loss	Ranking
Untreated Control	-0.5	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“River Rock - Vermont Blend”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Special Used Brick - Red Used”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Special Used Brick - Rustic Blend”	Results in mL loss	Ranking
Untreated Control	-0.1	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>

Test Results – Protective Water Repellents**Water Absorption Tube Test: Vertical RILEM II.4, 5.0 milliliters, 20 minutes****AA = Above Average****A = Average****BA = Below Average**

“Split Fieldstone - Carmel Mountain”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Split Fieldstone - Green Valley Quartzite”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Texas Rubble - Cream”	Results in mL loss	Ranking
Untreated Control	-0.3	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Tuscan Villa - Florentine”	Results in mL loss	Ranking
Untreated Control	-0.1	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Tuscan Villa - Prairie Moss”	Results in mL loss	Ranking
Untreated Control	-0.1	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Virginia Ledge - Aspen”	Results in mL loss	Ranking
Untreated Control	-0.1	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Virginia Ledge - Golden Sand”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off® SLX100 Water & Oil Repellent	-0.0	<u>AA</u>

Test Results – Protective Water Repellents**Water Absorption Tube Test: Vertical RILEM II.4, 5.0 milliliters, 20 minutes****AA = Above Average****A = Average****BA = Below Average**

“Virginia Ledge - Storm Brown”	Results in mL loss	Ranking
Untreated Control	-0.3	--
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off [®] SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Weathered Edge - Sunhill Blend”	Results in mL loss	Ranking
Untreated Control	-0.2	--
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off [®] SLX100 Water & Oil Repellent	-0.0	<u>AA</u>
“Weathered Edge - Wisconsin Blend”	Results in mL loss	Ranking
Untreated Control	-0.4	--
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9)	-0.0	<u>AA</u>
Sure Klean [®] Weather Seal Siloxane PD	-0.0	<u>AA</u>
Stand Off [®] SLX100 Water & Oil Repellent	-0.0	<u>AA</u>

Photographs – Protective Water Repellents

“Tuscan Villa - Florentine”; Vertical RILEM II.4, 5.0 milliliters, 20 minutes



**Stand Off[®] SLX100
Water & Oil Repellent**

**Sure Klean[®]
Weather Seal
Blok-Guard[®] &
Graffiti Control**

**Sure Klean[®]
Weather Seal
Blok-Guard[®] &
Graffiti Control II**



**Sure Klean[®]
Weather Seal
Siloxane PD**

**Sure Klean[®]
Weather Seal
Siloxane WB
Concentrate (1:9)**

Untreated Control

Conclusions – Protective Water Repellents

Test results indicate that all of the water repellents tested exhibited above average water repellency on the submitted samples. In addition, Sure Klean® Weather Seal Blok-Guard® & Graffiti Control and Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II provided a slight to significant color enhancement to all of the submitted samples. Sure Klean® Weather Seal Siloxane WB Concentrate diluted with nine parts water, Sure Klean® Weather Seal Siloxane PD and Stand Off® SLX100 Water & Oil Repellent did not alter the appearance of any of the submitted samples.

Recommendations – Protective Water Repellents

Recommendations for water repellent treatments for the manufactured stone submitted by Coronado Stone Products, Lewisville, TX are provided in the chart below. Recommendations are based on the treatments that proved most effective at providing water repellency on the submitted manufactured stone.

Sample	Protective Water Repellents
All Submitted Manufactured Stone	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) OR Sure Klean® Weather Seal Siloxane PD OR Stand Off® SLX100 Water & Oil Repellent

***NOTE:** Sure Klean® Weather Seal Blok-Guard® & Graffiti Control is manufactured and marketed in compliance with USEPA AIM VOC regulations (40 CFR 59.403). This product may not be suitable for sale in states and districts with more restrictive AIM VOC regulations.

The ability of a water repellent treatment to prevent the ingress of water is affected by a variety of factors. Therefore, on-site testing should be carried out for all installations with the recommended systems to ensure job site workmanship yields equivalent results.

Apply all products in accordance with the manufacturer's recommendation provided on container labels and product data sheets. On-site testing should be conducted to determine the most appropriate water repellent product and procedures for a particular project. See product literature for additional application and product information.

Graffiti Control

This evaluation compares the effectiveness of graffiti control treatments in preventing staining of enamel spray paint and permanent markers.

Description of Products Evaluated – Graffiti Control

Products Evaluated for Graffiti Repellency

Sure Klean® Weather Seal Blok-Guard® & Graffiti Control – A clear, solvent-based silicone elastomer formulated to weatherproof concrete block and other porous masonry materials. Blok-Guard® & Graffiti Control protects masonry surfaces from repeated graffiti attacks without altering the natural appearance. Blok-Guard® & Graffiti Control penetrates and fills pores to prevent water penetration through exterior walls exposed to normal weathering. Graffiti removal is fast and easy using Defacer Eraser® Graffiti Wipe. Blok-Guard® & Graffiti Control is easy to apply with low-pressure spray, brush or roller.

Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II – A clear-drying, water-based silicone emulsion for weatherproofing concrete block and other porous masonry materials. Blok-Guard® & Graffiti Control II also protects masonry surfaces from graffiti attacks without altering the natural appearance. Blok-Guard® & Graffiti Control II protects exterior walls exposed to normal weathering. Graffiti removal from treated surfaces is fast and easy using Defacer Eraser® Graffiti Wipe. Blok-Guard® & Graffiti Control II is easy to apply with low-pressure spray, brush or roller.

Products Evaluated for Graffiti Removal

Defacer Eraser® Graffiti Wipe – An easy-to-use graffiti remover that does not contain methanol, methylene chloride or other “halogenated” solvents prohibited on many projects. Graffiti Wipe removes a variety of graffiti stains from most smooth masonry, wood and metal surfaces.

Sure Klean® Fast Acting Stripper – A thixotropic stripping compound formulated specifically for removal of high strength paints and coatings such as epoxies, polyurethanes, and floor enamels. Additionally, Fast Acting Stripper dissolves most spray paints, marking pens, lacquers and other graffiti.

Graffiti Agents

Interior/Exterior Spray Paint (Red)
Permanent Marker (Green)
Permanent Marker (Red)
Permanent Marker (Black)

Sample Preparation – Graffiti Control

Sure Klean® Weather Seal Blok-Guard® & Graffiti Control and Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II were applied in a wet-on-wet brushing application in accordance with the current PROSOCO, Inc. Product Data Sheet application instructions to sections of the manufactured stone samples. The samples were allowed to cure for at least one day. A visual adverse effects evaluation was made and then the graffiti agents were applied to the substrates.

Spray paint and markers were applied as graffiti agents to all treated surfaces no sooner than one day following application of Sure Klean® Weather Seal Blok-Guard® & Graffiti Control and Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II. Removal of the graffiti agents was attempted 24 hours after application of the graffiti agents, using Defacer Eraser® Graffiti Wipe and Sure Klean® Fast Acting Stripper.

Test Methods – Graffiti Control

Chemical cleaners were evaluated using the following procedure:

1. Apply the graffiti removal product to a dry surface, soiled with graffiti.
2. Allow appropriate dwell time:
Graffiti Wipe5 minutes
Fast Acting Stripper.....20 minutes
3. Pressure rinse thoroughly until water runs clear.*
4. Allow the surface to dry thoroughly and visually examine to determine effectiveness.

***Pressure Rinsing Equipment** – Masonry washing equipment generating approximately 700-800 psi with a water flow rate of 8 gallons per minute delivered through a 45 degree fan spray tip was used for rinsing.

Test Results – Graffiti Control

“Appalachian Fieldstone - Mountain Sunset”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	100%	70%	90%	86%
Graffiti Wipe	85%	50%	70%	90%	74%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	80%	95%	94%
Graffiti Wipe	99%	100%	80%	90%	92%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	85%	99%	96%
Graffiti Wipe	99%	100%	85%	99%	96%
“Belgian Castle - Light Grey”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	95%	50%	85%	81%
Graffiti Wipe	70%	20%	20%	70%	45%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	70%	95%	91%
Graffiti Wipe	100%	90%	50%	90%	83%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	95%	90%	96%
Graffiti Wipe	100%	100%	70%	90%	90%
“Canyon Ledge - Brookside”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	95%	85%	95%	90%
Graffiti Wipe	70%	40%	70%	80%	65%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	100%	100%	100%
Graffiti Wipe	100%	100%	95%	98%	98%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	80%	95%	94%
Graffiti Wipe	100%	100%	80%	95%	94%
“Clinker Brick - Antique Red”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	80%	90%	91%
Graffiti Wipe	85%	100%	80%	90%	89%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	100%	100%	100%
Graffiti Wipe	100%	100%	100%	100%	100%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	100%	100%	100%
Graffiti Wipe	100%	100%	100%	100%	100%
“Coronado Honey Ledge - Four Rivers”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	100%	70%	90%	86%
Graffiti Wipe	75%	70%	70%	80%	74%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	95%	100%	98%
Graffiti Wipe	100%	100%	95%	100%	99%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	90%	100%	96%
Graffiti Wipe	95%	100%	90%	100%	96%

Test Results – Graffiti Control

“Coronado Honey Ledge - Shasta Blend”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	100%	30%	90%	76%
Graffiti Wipe	30%	40%	50%	85%	51%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	100%	100%	100%
Graffiti Wipe	100%	100%	100%	99%	100%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	95%	98%	98%
Graffiti Wipe	100%	100%	95%	100%	99%
“Coronado Honey Ledge - Sioux Falls”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	60%	75%	81%
Graffiti Wipe	60%	20%	60%	70%	53%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	100%	100%	100%
Graffiti Wipe	100%	100%	90%	98%	97%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	100%	90%	98%
Graffiti Wipe	100%	100%	95%	85%	95%
“Country Castle - Hill Country”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	30%	80%	75%
Graffiti Wipe	60%	30%	30%	50%	43%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	30%	90%	80%
Graffiti Wipe	98%	100%	30%	90%	80%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	30%	90%	79%
Graffiti Wipe	95%	100%	30%	90%	79%
“Country Castle - Lompoc”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	95%	70%	90%	88%
Graffiti Wipe	80%	30%	50%	70%	58%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	95%	100%	99%
Graffiti Wipe	100%	100%	95%	90%	96%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	75%	95%	93%
Graffiti Wipe	100%	80%	75%	90%	86%
“Country Castle - Redwood”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	100%	90%	90%	90%
Graffiti Wipe	85%	20%	70%	90%	66%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	95%	100%	99%
Graffiti Wipe	100%	100%	95%	100%	99%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	90%	100%	98%
Graffiti Wipe	98%	100%	90%	95%	96%

Test Results – Graffiti Control

“Country Castle - Sunset Blend”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	80%	20%	80%	68%
Graffiti Wipe	70%	20%	40%	70%	50%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	95%	100%	99%
Graffiti Wipe	100%	100%	90%	100%	98%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	80%	90%	93%
Graffiti Wipe	100%	100%	80%	90%	93%
“Country Rubble - Antique Cream”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	85%	10%	85%	66%
Graffiti Wipe	70%	40%	10%	40%	40%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	98%	90%	97%
Graffiti Wipe	99%	100%	100%	90%	97%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	90%	60%	90%	85%
Graffiti Wipe	99%	90%	20%	90%	75%
“Country Rubble - Chalk”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	50%	50%	50%	59%
Graffiti Wipe	70%	30%	30%	30%	40%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	85%	95%	95%
Graffiti Wipe	99%	100%	85%	95%	95%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	90%	90%	80%	90%
Graffiti Wipe	100%	80%	80%	80%	85%
“Country Rubble - Coastal Brown”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	90%	80%	80%	84%
Graffiti Wipe	40%	60%	80%	80%	65%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	100%	95%	98%	98%
Graffiti Wipe	99%	100%	80%	98%	94%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	100%	85%	95%	95%
Graffiti Wipe	98%	100%	85%	90%	93%
“Country Rubble - Golden Brown”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	100%	75%	95%	88%
Graffiti Wipe	50%	60%	70%	75%	64%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	100%	90%	99%	97%
Graffiti Wipe	95%	100%	90%	99%	96%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	80%	100%	95%
Graffiti Wipe	99%	100%	80%	100%	95%

Test Results – Graffiti Control

“Country Rubble - Mesa Blend”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	90%	98%	96%
Graffiti Wipe	85%	70%	75%	90%	80%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	100%	100%	100%
Graffiti Wipe	100%	100%	100%	100%	100%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	98%	98%	99%
Graffiti Wipe	100%	100%	95%	98%	98%
“Country Rubble - Texas Cream”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	85%	60%	50%	70%
Graffiti Wipe	80%	30%	20%	50%	45%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	100%	98%	95%	98%
Graffiti Wipe	98%	100%	98%	95%	98%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	95%	90%	90%	93%
Graffiti Wipe	98%	95%	90%	90%	93%
“Creek Rock - Palm Springs Blend”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	95%	50%	95%	84%
Graffiti Wipe	95%	80%	50%	95%	80%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	100%	100%	100%
Graffiti Wipe	100%	100%	100%	100%	100%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	95%	100%	99%
Graffiti Wipe	100%	100%	90%	100%	98%
“Creek Rock - Southwest Blend”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	95%	50%	90%	84%
Graffiti Wipe	90%	30%	60%	70%	63%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	100%	99%	100%
Graffiti Wipe	100%	100%	100%	99%	100%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	99%	95%	95%	97%
Graffiti Wipe	100%	90%	90%	90%	93%
“English Rubble - Pebble Beach Blend”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	75%	90%	89%
Graffiti Wipe	90%	100%	75%	90%	89%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	100%	95%	95%	97%
Graffiti Wipe	98%	100%	100%	95%	98%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	80%	95%	94%
Graffiti Wipe	99%	100%	80%	95%	94%

Test Results – Graffiti Control

“English Rubble - Versailles”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	99%	75%	75%	82%
Graffiti Wipe	60%	40%	70%	70%	60%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	95%	90%	96%
Graffiti Wipe	100%	100%	90%	90%	95%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	90%	90%	95%
Graffiti Wipe	99%	100%	75%	90%	91%
“French Country Villa - Bordeaux”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	60%	70%	81%
Graffiti Wipe	30%	10%	60%	70%	43%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	100%	100%	100%
Graffiti Wipe	100%	100%	100%	100%	100%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	80%	99%	95%
Graffiti Wipe	100%	100%	70%	90%	90%
“French Country Villa - Champagne”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	95%	60%	70%	79%
Graffiti Wipe	40%	20%	60%	70%	48%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	90%	98%	96%
Graffiti Wipe	95%	95%	85%	95%	93%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	65%	98%	88%
Graffiti Wipe	98%	80%	60%	90%	82%
“French Country Villa - Verona”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	50%	40%	75%	70%	59%
Graffiti Wipe	50%	20%	75%	70%	54%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	99%	98%	98%	98%
Graffiti Wipe	99%	98%	98%	98%	98%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	90%	85%	75%	85%
Graffiti Wipe	90%	99%	80%	75%	86%
“Idaho Drystack - Antique Buff”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	90%	40%	80%	76%
Graffiti Wipe	90%	60%	60%	40%	63%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	99%	95%	98%
Graffiti Wipe	99%	100%	99%	95%	98%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	95%	85%	95%
Graffiti Wipe	99%	100%	90%	85%	94%

Test Results – Graffiti Control

“Idaho Drystack - Carmel Mountain”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	80%	80%	30%	71%
Graffiti Wipe	70%	60%	50%	30%	53%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	95%	95%	98%
Graffiti Wipe	100%	100%	95%	100%	99%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	50%	95%	86%
Graffiti Wipe	100%	100%	80%	100%	95%
“Idaho Drystack - Denver Blend”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	100%	90%	95%	93%
Graffiti Wipe	10%	20%	70%	85%	46%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	90%	100%	96%
Graffiti Wipe	95%	100%	90%	95%	95%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	90%	100%	97%
Graffiti Wipe	99%	95%	90%	95%	95%
“Idaho Drystack - Smokey Grey”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	90%	80%	90%	86%
Graffiti Wipe	30%	10%	50%	50%	35%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	90%	95%	94%
Graffiti Wipe	99%	80%	80%	80%	85%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	90%	95%	95%
Graffiti Wipe	99%	80%	60%	85%	81%
“Italian Villa - Portabella”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	99%	70%	95%	87%
Graffiti Wipe	30%	30%	30%	90%	45%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	99%	80%	99%	95%
Graffiti Wipe	100%	90%	50%	90%	83%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	80%	99%	95%
Graffiti Wipe	99%	95%	50%	90%	84%
“Italian Villa - Provo Canyon Grey”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	80%	90%	90%
Graffiti Wipe	10%	20%	80%	80%	48%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	95%	95%	97%
Graffiti Wipe	99%	100%	95%	95%	97%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	80%	95%	91%
Graffiti Wipe	95%	90%	80%	90%	89%

Test Results – Graffiti Control

“Italian Villa - Volterra”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	80%	95%	91%
Graffiti Wipe	80%	100%	80%	95%	89%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	90%	95%	96%
Graffiti Wipe	100%	100%	90%	90%	95%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	85%	100%	96%
Graffiti Wipe	100%	100%	85%	100%	96%
“Minnesota Fieldstone - Chablis”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	85%	95%	94%
Graffiti Wipe	60%	30%	80%	90%	65%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	90%	100%	96%
Graffiti Wipe	95%	100%	90%	100%	96%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	90%	95%	96%
Graffiti Wipe	100%	95%	90%	90%	94%
“Mountain Eastern Ledge - Dakota Brown”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	80%	90%	91%
Graffiti Wipe	50%	20%	70%	70%	53%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	90%	100%	96%
Graffiti Wipe	100%	90%	90%	95%	94%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	90%	100%	96%
Graffiti Wipe	100%	100%	90%	100%	98%
“Mountain Eastern Ledge - Grey”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	99%	85%	90%	91%
Graffiti Wipe	10%	30%	30%	90%	40%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	90%	95%	96%
Graffiti Wipe	99%	100%	90%	95%	96%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	100%	90%	95%	96%
Graffiti Wipe	95%	100%	90%	95%	95%
“Mountain Eastern Ledge - Wheat”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	20%	95%	76%
Graffiti Wipe	70%	30%	10%	80%	48%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	99%	100%	100%
Graffiti Wipe	100%	100%	99%	100%	100%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	50%	100%	88%
Graffiti Wipe	100%	100%	50%	95%	86%

Test Results – Graffiti Control

“Old Country Ledge - Fall Country”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	100%	30%	70%	71%
Graffiti Wipe	60%	20%	30%	40%	38%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	90%	90%	94%
Graffiti Wipe	98%	90%	90%	90%	92%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	40%	95%	84%
Graffiti Wipe	99%	85%	40%	90%	79%
“Old Country Ledge - Madison County”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	95%	60%	85%	84%
Graffiti Wipe	95%	75%	50%	85%	76%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	100%	100%	100%
Graffiti Wipe	100%	100%	100%	100%	100%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	98%	100%	100%
Graffiti Wipe	100%	100%	98%	100%	100%
“Quick Stack - Sahara Blend”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	90%	50%	50%	68%
Graffiti Wipe	80%	50%	50%	50%	58%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	98%	60%	80%	82%
Graffiti Wipe	90%	95%	60%	80%	81%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	98%	50%	80%	80%
Graffiti Wipe	90%	95%	50%	80%	79%
“River Rock - Reno Blend”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	99%	90%	100%	97%
Graffiti Wipe	95%	70%	90%	95%	88%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	100%	100%	100%
Graffiti Wipe	100%	100%	100%	100%	100%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	90%	100%	98%
Graffiti Wipe	100%	100%	90%	100%	98%
“River Rock - Vermont Blend”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	98%	75%	95%	90%
Graffiti Wipe	75%	40%	70%	90%	69%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	90%	95%	96%
Graffiti Wipe	98%	85%	95%	95%	93%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	100%	80%	98%	94%
Graffiti Wipe	95%	90%	80%	95%	90%

Test Results – Graffiti Control

“Special Used Brick - Red Used”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	75%	100%	75%	95%	86%
Graffiti Wipe	80%	60%	75%	80%	74%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	100%	100%	100%
Graffiti Wipe	100%	100%	100%	100%	100%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	95%	95%	98%
Graffiti Wipe	95%	100%	80%	90%	91%
“Special Used Brick - Rustic Blend”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	20%	90%	75%
Graffiti Wipe	80%	50%	20%	70%	55%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	50%	100%	87%
Graffiti Wipe	99%	100%	50%	100%	87%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	50%	100%	88%
Graffiti Wipe	99%	100%	50%	100%	87%
“Split Fieldstone - Carmel Mountain”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	95%	80%	70%	81%
Graffiti Wipe	80%	95%	80%	70%	81%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	98%	98%	98%	99%
Graffiti Wipe	99%	100%	100%	98%	99%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	85%	95%	95%
Graffiti Wipe	99%	100%	85%	99%	96%
“Split Fieldstone - Green Valley Quartzite”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	75%	99%	60%	80%	79%
Graffiti Wipe	65%	70%	70%	80%	71%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	99%	99%	100%
Graffiti Wipe	100%	100%	99%	99%	100%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	99%	95%	99%
Graffiti Wipe	100%	100%	99%	99%	100%
“Texas Rubble - Cream”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	90%	80%	80%	84%
Graffiti Wipe	70%	30%	60%	60%	55%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	99%	98%	95%	98%
Graffiti Wipe	98%	98%	98%	95%	97%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	95%	80%	90%	91%
Graffiti Wipe	98%	90%	70%	80%	85%

Test Results – Graffiti Control

“Tuscan Villa - Florentine”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	90%	98%	97%
Graffiti Wipe	95%	70%	60%	85%	78%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	100%	100%	100%
Graffiti Wipe	100%	100%	100%	100%	100%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	100%	100%	100%
Graffiti Wipe	100%	100%	100%	100%	100%
“Tuscan Villa - Prairie Moss”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	95%	60%	80%	83%
Graffiti Wipe	90%	50%	40%	80%	65%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	90%	98%	97%
Graffiti Wipe	100%	95%	90%	95%	95%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	90%	95%	96%
Graffiti Wipe	100%	90%	85%	95%	93%
“Virginia Ledge - Aspen”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	90%	95%	94%
Graffiti Wipe	80%	40%	90%	95%	76%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	95%	100%	99%
Graffiti Wipe	100%	100%	95%	100%	99%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	90%	100%	98%
Graffiti Wipe	100%	100%	90%	100%	98%
“Virginia Ledge - Golden Sand”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	60%	60%	78%
Graffiti Wipe	75%	40%	40%	60%	54%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	95%	95%	98%
Graffiti Wipe	100%	100%	95%	90%	96%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	50%	80%	81%
Graffiti Wipe	90%	95%	50%	80%	79%
“Virginia Ledge - Storm Brown”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	80%	100%	93%
Graffiti Wipe	90%	100%	80%	100%	93%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	95%	100%	99%
Graffiti Wipe	100%	100%	95%	100%	99%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	95%	100%	99%
Graffiti Wipe	100%	100%	95%	100%	99%

Test Results – Graffiti Control

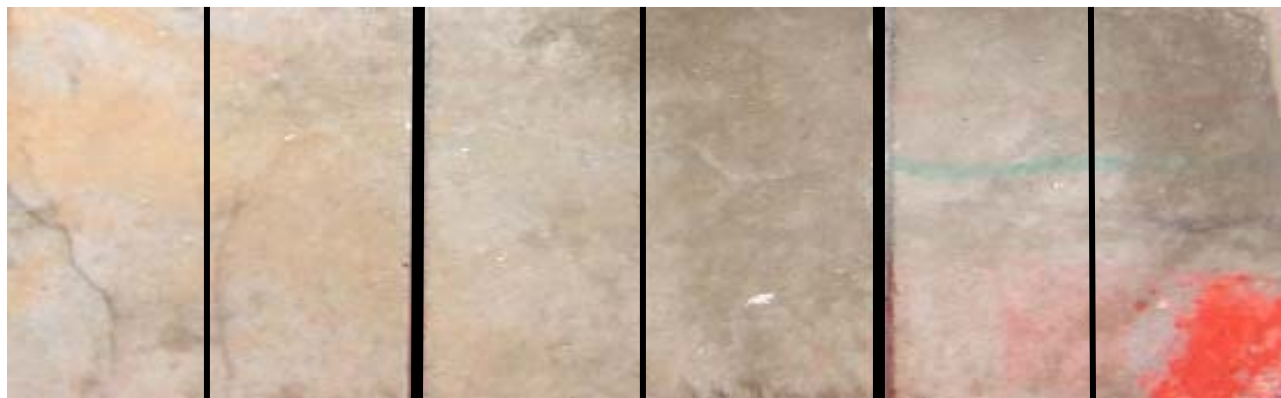
“Weathered Edge - Sunhill Blend”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	100%	80%	99%	91%
Graffiti Wipe	95%	40%	40%	85%	65%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	95%	99%	99%
Graffiti Wipe	100%	100%	95%	99%	99%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	90%	99%	97%
Graffiti Wipe	100%	95%	70%	95%	90%
“Weathered Edge - Wisconsin Blend”					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	98%	90%	90%	92%
Graffiti Wipe	60%	80%	80%	90%	78%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	98%	100%	100%
Graffiti Wipe	99%	100%	98%	100%	99%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	100%	98%	99%	99%
Graffiti Wipe	100%	100%	98%	98%	99%

Photographs – Graffiti Control**“Coronado Honey Ledge – Shasta Blend”; Before Graffiti Removal**

**Sure Klean® Weather Seal
Blok-Guard® & Graffiti Control**

**Sure Klean® Weather Seal
Blok-Guard® & Graffiti Control II**

Untreated Control

“Coronado Honey Ledge – Shasta Blend”; After Graffiti Removal

**Sure Klean®
Fast Acting
Stripper**

**Defacer
Eraser®
Graffiti Wipe**

**Sure Klean®
Fast Acting
Stripper**

**Defacer
Eraser®
Graffiti Wipe**

**Sure Klean®
Fast Acting
Stripper**

**Defacer
Eraser®
Graffiti Wipe**

**Sure Klean® Weather Seal
Blok-Guard® & Graffiti Control**

**Sure Klean® Weather Seal
Blok-Guard® & Graffiti Control II**

Untreated Control

Conclusions – Graffiti Control

Based upon laboratory evaluations, graffiti removal was improved when the submitted samples were treated with Sure Klean® Weather Seal Blok-Guard® & Graffiti Control and Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II prior to graffiti application. In addition, both treatments provided a slight to significant color enhancement to the submitted samples.

Recommendations – Graffiti Control

Recommendations for graffiti control treatment for each type of manufactured stone submitted by Coronado Stone Products, Lewisville, TX are provided in the chart below. Recommendations are based on the treatment that proved most effective for providing graffiti repellency and the product that was most effective at removing the graffiti on all types submitted.

Sample Type	Graffiti Repellency	Graffiti Removal
All Submitted Manufactured Stone	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe

***NOTE:** Sure Klean® Weather Seal Blok-Guard® & Graffiti Control is manufactured and marketed in compliance with USEPA AIM VOC regulations (40 CFR 59.403). This product may not be suitable for sale in states and districts with more restrictive AIM VOC regulations.

Apply all products in accordance with the manufacturer's recommendation provided on container labels and product data sheets. Because the severity of graffiti varies from location to location, on-site testing should be conducted to determine the most appropriate graffiti control product and procedure for a particular project.

Stain Repellency

These trials were conducted to determine the effectiveness of treatments in preventing food and oil staining on the submitted samples.

Description of Products Evaluated – Stain Repellency

Stain Repellent Treatments

Stand Off® Stone, Tile & Masonry Protector (STMP) – A penetrating oil and stain repellent that is an easy-to-use, low-VOC, low-odor protective treatment improves the stain resistance and simplifies maintenance cleaning of interior and exterior stone, quarry tile, concrete and masonry surfaces.

Stand Off® SLX100 Water & Oil Repellent – Combines water and oil repellency on most substrates to prevent staining by waterborne and oily substances. This modified “neat” silane system offers invisible protection and low volatility. The small molecular structure of SLX100 allows for maximum penetration at coverage rates higher than that of conventional silanes. Depth of penetration is controlled by the application rate (loading rate). This makes SLX100 ideal for protecting granite and other dense, color-sensitive surfaces.

Maintenance Cleaner

Enviro Klean® 2010 All Surface Cleaner – A “next-generation” product for cleaning and degreasing light-to-heavily soiled stone, tile, masonry and much more. Powerful enough for industrial use, flexible enough for jobs around the home, space-saving EK 2010 replaces a host of individual cleaning agents. It is suitable for home-use on windows, bathroom tub and tile, counter tops and more when diluted with water. It's concentrated enough for the toughest industrial cleaning jobs on concrete, metal and many other plant and warehouse surfaces. EK 2010 also removes Sure Klean® Weather Seal Siloxane PD overspray from windows.

Staining Agents Evaluated

<u>Products</u>	<u>Temperature</u>
Coca Cola	ambient (~70°F)
Ketchup	ambient (~70°F)
Mustard	ambient (~70°F)
Red Wine	ambient (~70°F)
Balsamic Vinegar	ambient (~70°F)
Soy Sauce	ambient (~70°F)
Olive Oil	ambient (~70°F)
Wesson Oil	(~250°F)
Coffee	(~120°F)

Sample Preparation – Stain Repellency

Samples were cleaned with Enviro Klean® 2010 All Surface Cleaner diluted with 10 parts water and allowed to dry for 24 hours prior to treatment. The protective treatments were then applied by brush in accordance with the current PROSOCO, Inc. Product Data Sheet application instructions. The treatments were allowed to cure on the samples for at least 72 hours before testing.

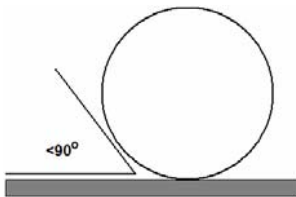
Test Method – Stain Repellency**Surface Beading Evaluation**

The food and oil products were applied to the test areas by using a dropper creating a bead 0.5 – 1.0 cm in diameter. The beading properties of the oils and liquids were visually evaluated within two minutes after application. The results are reported as a rating based on the angle of contact between the base of the droplet and the substrate. A rating of “1 or 2” indicated the smallest angle of contact ($<90^\circ$) which correlates to “above average” repellency. A rating of “3 or 4” indicates “average” repellency. A rating of “5 or greater” indicated that the food or oil quickly absorbed into the substrate and correlates to “below average” repellency.

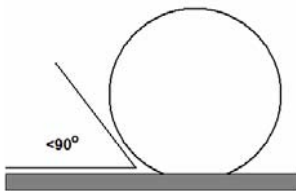
Note: Non-free flowing staining agents such as ketchup and mustard are applied in a globular fashion and therefore are not evaluated for their beading properties.

Rating System (1-5)

1. No wetting of contact area (no darkening); angle less than 90° .



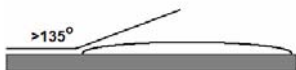
2. Wetting contained to the contact area (slight darkening); angle is less than 90° .



3. Wetting contained to the contact area (slight darkening); angle is greater than 90° , but less than 135° .



4. Wetting beyond the contact area (darkening); angle is greater than 135° .



5. Wetting beyond the contact area (darkening); angle is flat.

**Stain Removal Evaluation**

The soiling agents were allowed to dwell on the treated and untreated substrates for times of 24 hours, 4 hours, 1 hour, and 10 minutes. The test areas were then cleaned with Enviro Klean® 2010 All Surface Cleaner diluted 1 part concentrate to 10 parts fresh water and scrubbed under a stream of running water from a faucet. Samples were allowed to dry for 24 hours. Evaluation consisted of a visual examination of the tested areas to determine the percentage of staining removal.

Test Results – Surface Beading

“Appalachian Fieldstone - Mountain Sunset”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Belgian Castle - Light Grey”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Canyon Ledge - Brookside”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Clinker Brick - Antique Red”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	4	-	-	4	4	4	5	5	4
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	3
“Coronado Honey Ledge - Four Rivers”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Coronado Honey Ledge - Shasta Blend”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Coronado Honey Ledge - Sioux Falls”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Country Castle - Hill Country”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2

Test Results – Surface Beading

“Country Castle - Lompoc”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Country Castle - Redwood”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Country Castle - Sunset Blend”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Country Rubble - Antique Cream”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Country Rubble - Chalk”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Country Rubble - Coastal Brown”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Country Rubble - Golden Brown”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Country Rubble - Mesa Blend”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2

Test Results – Surface Beading

“Country Rubble - Texas Cream”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Creek Rock - Palm Springs Blend”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Creek Rock - Southwest Blend”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“English Rubble - Pebble Beach Blend”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“English Rubble - Versailles”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“French Country Villa - Bordeaux”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“French Country Villa - Champagne”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“French Country Villa - Verona”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2

Test Results – Surface Beading

“Idaho Drystack - Antique Buff”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Idaho Drystack - Carmel Mountain”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Idaho Drystack - Denver Blend”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Idaho Drystack - Smokey Grey”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Italian Villa - Portabella”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Italian Villa - Provo Canyon Grey”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Italian Villa - Volterra”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Minnesota Fieldstone - Chablis”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2

Test Results – Surface Beading

“Mountain Eastern Ledge - Dakota Brown”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Mountain Eastern Ledge - Grey”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Mountain Eastern Ledge - Wheat”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Old Country Ledge - Fall Country”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Old Country Ledge - Madison County”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Quick Stack - Sahara Blend”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“River Rock - Reno Blend”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“River Rock - Vermont Blend”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2

Test Results – Surface Beading

“Special Used Brick - Red Used”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	4	-	-	4	4	4	5	5	4
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	3
“Special Used Brick - Rustic Blend”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	4	-	-	4	4	4	5	5	4
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	3
“Split Fieldstone - Carmel Mountain”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Split Fieldstone - Green Valley Quartzite”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Texas Rubble - Cream”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Tuscan Villa - Florentine”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Tuscan Villa - Prairie Moss”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Virginia Ledge - Aspen”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2

Test Results – Surface Beading

“Virginia Ledge - Golden Sand”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Virginia Ledge - Storm Brown”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Weathered Edge - Sunhill Blend”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2
“Weathered Edge - Wisconsin Blend”									
Treatment	Coco-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
Untreated Control	3	-	-	3	3	3	5	5	3
SLX100	1	-	-	1	1	1	2	2	1
STMP	2	-	-	2	2	2	3	3	2

Test Results – Stain Repellency**% Removal**

“Appalachian Fieldstone - Mountain Sunset”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	10%*	10%*	100%	70%*	100%	<1%	<1%	100%
4 hour	100%	100%*	100%*	100%	70%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
“Belgian Castle - Light Grey”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	30%*	10%*	80%*	100%*	100%	<1%	<1%	100%
4 hour	100%	95%*	95%*	80%*	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	90%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Canyon Ledge - Brookside”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	90%	80%	100%	100%	100%	<1%	<1%	100%
4 hour	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
1 hour	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
10 min.	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	90%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	95%	95%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
“Clinker Brick - Antique Red”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	70%*	40%*	100%*	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	90%*	100%*	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	90%*	100%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%*	100%*	100%	70%	20%	100%
4 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	50%*	100%*	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Coronado Honey Ledge - Four Rivers”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
“Country Castle - Hill Country”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	90%*	70%*	50%*	50%*	50%*	<1%	<1%	100%
4 hour	100%	90%*	90%*	50%*	50%*	50%*	<1%	<1%	100%
1 hour	100%	90%*	90%*	50%*	50%*	90%*	<1%	<1%	100%
10 min.	100%	100%*	100%*	90%*	90%*	90%*	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Coronado Honey Ledge - Shasta Blend”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	90%*	80%*	90%*	90%*	60%	<1%	<1%	100%
4 hour	100%	100%*	90%*	100%*	90%*	60%	<1%	<1%	100%
1 hour	100%	100%*	90%*	100%*	100%*	60%	<1%	<1%	100%
10 min.	100%	100%*	90%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	90%*	100%	100%*	80%	90%	90%	100%
4 hour	100%	100%*	90%*	100%	100%*	100%	90%	90%	100%
1 hour	100%	100%*	90%*	100%	100%*	100%	90%	90%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	90%	90%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
“Coronado Honey Ledge - Sioux Falls”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	<1%*	50%*	90%*	90%*	100%	<1%	<1%	100%
4 hour	100%	100%*	100%*	90%*	90%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	90%*	90%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	90%*	90%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	90%	90%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Country Castle - Lompoc”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	90%*	90%*	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	100%*	90%*	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	80%	80%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	80%	80%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	80%	80%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	90%	90%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	90%	80%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
“Country Castle - Redwood”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	<1%*	<1%*	100%	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	70%	70%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	90%	90%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	90%	90%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Country Castle - Sunset Blend”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	<1%*	<1%*	100%	100%*	100%	<1%	<1%	100%
4 hour	100%	60%*	100%*	100%	100%*	100%	<1%	<1%	100%
1 hour	100%	60%*	100%*	100%	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	70%	70%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	90%	90%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	90%	90%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
“Country Rubble - Antique Cream”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	90%*	60%*	90%*	100%	<1%	<1%	100%
4 hour	100%	100%*	100%*	60%*	90%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	90%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	90%	90%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	95%	95%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Country Rubble - Chalk”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	70%	90%	40%	40%	100%	<1%	<1%	100%
4 hour	100%	90%	90%	40%	40%	100%	<1%	<1%	100%
1 hour	100%	100%	100%	40%	40%	100%	<1%	<1%	100%
10 min.	100%	100%	100%	40%	40%	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	80%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	50%	70%	100%	100%	100%	100%
4 hour	100%	100%	100%	50%	70%	100%	100%	100%	100%
1 hour	100%	100%	100%	50%	70%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
“Country Rubble - Coastal Brown”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	10%*	70%*	90%	90%*	90%	<1%	<1%	100%
4 hour	100%	90%*	90%*	90%	90%*	90%	<1%	<1%	100%
1 hour	100%	100%*	90%*	90%	90%*	90%	<1%	<1%	100%
10 min.	100%	100%*	90%*	90%	90%*	90%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	95%*	95%*	100%	100%*	100%	90%	90%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	90%	90%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	90%	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%*	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Country Rubble - Golden Brown”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	<1%	30%	100%	100%	100%	<1%	<1%	100%
4 hour	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
1 hour	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
10 min.	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
“Country Rubble - Mesa Blend”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	80%*	70%*	80%*	80%*	80%	<1%	<1%	100%
4 hour	100%	80%*	80%*	80%*	80%*	80%	<1%	<1%	100%
1 hour	100%	95%*	95%*	80%*	80%*	80%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Country Rubble - Texas Cream”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	10%	80%	60%	80%	80%	<1%	<1%	50%
4 hour	100%	100%	90%	60%	80%	80%	<1%	<1%	100%
1 hour	100%	100%	90%	60%	80%	80%	<1%	<1%	100%
10 min.	100%	100%	95%	95%	95%	95%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	90%	100%	100%	100%	60%	60%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	90%	100%	100%	100%	80%	20%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
“Creek Rock - Palm Springs Blend”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	50%*	50%*	50%	<1%	<1%	100%
4 hour	100%	100%*	100%*	50%*	50%*	50%	<1%	<1%	100%
1 hour	100%	100%*	100%*	90%*	50%*	50%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	90%*	90%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%*	100%*	100%	40%	40%	100%
4 hour	100%	100%*	100%*	100%*	100%*	100%	90%	90%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	50%	100%*	100%	90%	90%	100%
4 hour	100%	100%*	100%*	80%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Creek Rock - Southwest Blend”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	90%*	100%*	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	90%*	100%*	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
“English Rubble - Pebble Beach Blend”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	<1%*	80%*	100%	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	80%*	100%	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	80%*	100%	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	90%*	100%	100%*	100%	60%	90%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“English Rubble - Versailles”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
4 hour	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
1 hour	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
10 min.	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
“French Country Villa - Bordeaux”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	50%*	30%*	100%	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	90%*	100%	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	70%	70%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“French Country Villa - Champagne”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	90%*	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	60%	60%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
“French Country Villa - Verona”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	30%*	90%*	80%*	100%*	20%	<1%	<1%	100%
4 hour	100%	100%*	100%*	100%*	100%*	20%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Idaho Drystack - Antique Buff”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	70%*	60%*	90%*	80%	<1%	<1%	100%
4 hour	100%	100%*	80%*	60%*	90%*	100%	<1%	<1%	100%
1 hour	100%	100%*	80%*	60%*	90%*	100%	<1%	<1%	100%
10 min.	100%	100%*	95%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
“Idaho Drystack - Carmel Mountain”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	<1%*	60%*	60%*	90%	<1%	<1%	100%
4 hour	100%	100%*	95%*	60%*	60%*	90%	<1%	<1%	100%
1 hour	100%	100%*	100%*	70%*	70%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	70%*	70%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	70%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	70%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	80%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	95%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Idaho Drystack - Denver Blend”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	30%*	40%*	100%*	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	90%*	100%*	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	100%*	100%*	100%*	100%	90%	90%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	90%	90%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	50%	95%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
“Idaho Drystack - Smokey Grey”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	60%	90%	100%	50%	100%	<1%	<1%	100%
4 hour	100%	100%	100%	100%	60%	100%	<1%	<1%	100%
1 hour	100%	100%	100%	100%	80%	100%	<1%	<1%	100%
10 min.	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	60%	60%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Italian Villa - Portabella”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
“Italian Villa - Provo Canyon Grey”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	10%*	10%*	90%*	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	90%*	100%*	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	20%	20%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Italian Villa - Volterra”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	10%*	95%*	100%*	80%*	80%*	<1%	<1%	100%
4 hour	100%	100%*	95%*	100%*	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	95%*	100%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
“Minnesota Fieldstone - Chablis”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	90%*	<1%*	100%	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	80%*	100%	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	80%*	100%	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	80%*	100%	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	90%*	100%	100%*	100%	90%	90%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	80%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Mountain Eastern Ledge - Dakota Brown”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	<1%*	60%*	100%*	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	100%	100%	100%
“Mountain Eastern Ledge - Grey”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	<1%	10%	100%	100%	100%	<1%	<1%	100%
4 hour	100%	10%	80%	100%	100%	100%	<1%	<1%	100%
1 hour	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
10 min.	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Mountain Eastern Ledge - Wheat”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	30%	30%	100%	100%	100%	<1%	<1%	100%
4 hour	100%	70%	90%	100%	100%	100%	<1%	<1%	100%
1 hour	100%	100%	90%	100%	100%	100%	<1%	<1%	100%
10 min.	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	50%	50%	100%
4 hour	100%	100%	100%	100%	100%	100%	90%	90%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	50%	100%	100%	100%	90%	90%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
“Old Country Ledge - Fall Country”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	<1%*	80%*	100%*	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	90%*	100%*	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	90%*	100%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Old Country Ledge - Madison County”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	<1%*	<1%*	90%*	80%*	80%	<1%	<1%	100%
4 hour	100%	95%*	90%*	90%*	80%*	80%	<1%	<1%	100%
1 hour	100%	95%*	100%*	90%*	80%*	80%	<1%	<1%	100%
10 min.	100%	100%*	100%*	90%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
“Quick Stack - Sahara Blend”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	20%*	80%*	70%*	70%*	70%	<1%	<1%	100%
4 hour	100%	95%*	90%*	70%*	70%*	70%	<1%	<1%	100%
1 hour	100%	100%*	90%*	70%*	70%*	90%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	90%	90%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	95%	95%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“River Rock - Reno Blend”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	90%*	<1%*	100%	90%*	100%	<1%	<1%	100%
4 hour	100%	100%*	100%*	100%	90%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%	90%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
“River Rock - Vermont Blend”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	<1%*	100%	80%*	100%	<1%	<1%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Special Used Brick - Red Used”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	<1%*	<1%*	100%	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	50%*	100%	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	10%	10%	100%
4 hour	100%	100%	100%	100%	100%	100%	10%	10%	100%
1 hour	100%	100%	100%	100%	100%	100%	80%	80%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	80%	80%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
“Special Used Brick - Rustic Blend”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	10%	100%	100%	100%	<1%	<1%	100%
4 hour	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
1 hour	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
10 min.	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	50%	100%	100%	100%	40%	40%	100%
4 hour	100%	100%	100%	100%	100%	100%	90%	90%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	50%	50%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Split Fieldstone - Carmel Mountain”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	50%*	70%*	100%*	60%*	40%	<1%	<1%	80%
4 hour	100%	100%*	90%*	100%*	80%*	60%	<1%	<1%	100%
1 hour	100%	100%*	90%*	100%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	90%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	80%	40%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
“Split Fieldstone - Green Valley Quartzite”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	90%*	<1%*	100%	80%*	80%	<1%	<1%	80%
4 hour	100%	100%*	90%*	100%	80%*	80%	<1%	<1%	80%
1 hour	100%	100%*	100%*	100%	80%*	80%	<1%	<1%	80%
10 min.	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%	100%	60%	60%	100%
4 hour	100%	100%*	100%*	100%	100%	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%	100%	60%	60%	100%
4 hour	100%	100%*	100%*	100%	100%	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Texas Rubble - Cream”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	80%	50%	50%	50%	<1%	<1%	
4 hour	100%	100%	90%	50%	60%	50%	<1%	<1%	100%
1 hour	100%	100%	90%	50%	80%	50%	<1%	<1%	100%
10 min.	100%	100%	100%	100%	90%	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	90%	90%	90%	100%		
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	80%	90%	90%	80%	80%	90%
4 hour	100%	100%	100%	80%	90%	90%	100%	100%	100%
1 hour	100%	100%	100%	90%	90%	90%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
“Tuscan Villa - Florentine”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	90%*	80%*	100%*	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	90%*	100%*	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	90%*	100%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	90%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	90%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	95%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	95%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Tuscan Villa - Prairie Moss”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	90%*	80%*	100%*	100%*	100%	<1%	<1%	100%
4 hour	100%	90%*	80%*	100%*	100%*	100%	<1%	<1%	100%
1 hour	100%	90%*	80%*	100%*	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	80%*	100%*	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	90%*	100%	100%*	100%	80%	90%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	80%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
“Virginia Ledge - Aspen”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	10%	10%	100%	100%	100%	<1%	<1%	100%
4 hour	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
1 hour	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
10 min.	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	60%	60%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Virginia Ledge - Golden Sand”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	90%*	100%	80%*	80%	<1%	<1%	100%
4 hour	100%	100%*	100%*	100%	90%*	90%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
“Virginia Ledge - Storm Brown”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	<1%*	<1%*	100%	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	90%*	100%	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	90%*	100%	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Test Results – Stain Repellency**% Removal**

“Weathered Edge - Sunhill Blend”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	10%	90%	100%	100%	100%	<1%	<1%	100%
4 hour	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
1 hour	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
10 min.	100%	100%	100%	100%	100%	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%	100%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
“Weathered Edge - Wisconsin Blend”									
Untreated Control									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
4 hour	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
1 hour	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
10 min.	100%	100%*	100%*	100%	100%*	100%	<1%	<1%	100%
Stand Off® SLX100 Water & Oil Repellent									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Coca-Cola	Ketchup	Mustard	Red Wine	Balsamic Vinegar	Soy Sauce	Olive Oil	Wesson Oil	Hot Coffee
24 hr	100%	100%*	100%*	100%	100%	100%	100%	100%	100%
4 hour	100%	100%*	100%*	100%	100%	100%	100%	100%	100%
1 hour	100%	100%*	100%*	100%	100%	100%	100%	100%	100%
10 min.	100%	100%*	100%*	100%	100%	100%	100%	100%	100%

*Indicates etching occurred due to the acidic nature of the staining agents.

Photographs – Stain Repellency**“Idaho Drystack – Carmel Mountain”; Stains Applied****Stand Off® SLX100 Water
& Oil Repellent****Stand Off® Stone, Tile &
Masonry Protector (STMP)****Untreated Control****“Idaho Drystack – Carmel Mountain”; Stains Removed****Stand Off® SLX100 Water
& Oil Repellent****Stand Off® Stone, Tile &
Masonry Protector (STMP)****Untreated Control**

Conclusions – Stain Repellency

Based upon laboratory evaluations, both Stand Off® SLX100 Water & Oil Repellent and Stand Off® Stone, Tile & Masonry Protector (STMP) improved the surface beading of the samples. In addition, both treatments were effective in improving the samples' resistance to the applied stains, especially to the oils. Stand Off® SLX100 Water & Oil Repellent and Stand Off® Stone, Tile & Masonry Protector (STMP) caused no noticeable color change to any of the submitted samples.

Recommendations – Stain Repellency

Recommendations for stain resistance treatment for the manufactured stone submitted by Coronado Stone Products, Lewisville, TX are provided in the chart below. Recommendations are based on the treatments that proved most effective for providing stain repellency on the submitted samples.

Sample	Stain Repellent	Maintenance Cleaner
All Submitted Manufactured Stone	Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Stone, Tile & Masonry Protector (STMP)	Enviro Klean® 2010 All Surface Cleaner (1:10)

The ability of a stain repellent treatment to prevent staining is affected by a variety of factors. Therefore, on-site testing should be carried out for all installations with the recommended systems to ensure job site workmanship yields equivalent results.

Apply all products in accordance with the manufacturer's recommendation provided on container labels and product data sheets. On-site testing should be conducted to determine the most appropriate stain repellent product and procedures for a particular project. See product literature for additional application and product information.

Color and Sheen Enhancement

This evaluation compares the effectiveness of the evaluated products in providing color and sheen enhancement to the submitted samples.

Description of Products Evaluated – Color and Sheen Enhancement

Sure Klean® Weather Seal Blok-Guard® & Graffiti Control – A clear, solvent-based silicone elastomer formulated to weatherproof concrete block and other porous masonry materials. Blok-Guard® & Graffiti Control protects masonry surfaces from repeated graffiti attacks without altering the natural appearance. Blok-Guard® & Graffiti Control penetrates and fills pores to prevent water penetration through exterior walls exposed to normal weathering. Graffiti removal is fast and easy using Defacer Eraser® Graffiti Wipe. Blok-Guard® & Graffiti Control is easy to apply with low-pressure spray, brush or roller.

Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II – A clear-drying, water-based silicone emulsion for weatherproofing concrete block and other porous masonry materials. Blok-Guard® & Graffiti Control II also protects masonry surfaces from graffiti attacks without altering the natural appearance. Blok-Guard® & Graffiti Control II protects exterior walls exposed to normal weathering. Graffiti removal from treated surfaces is fast and easy using Defacer Eraser® Graffiti Wipe. Blok-Guard® & Graffiti Control II is easy to apply with low-pressure spray, brush or roller.

Stand Off® Gloss 'N Guard WB – A highly durable protective coating for tile, pavers, terrazzo and other polished and unpolished masonry. Gloss 'N Guard WB dries to a satin-gloss finish which enhances the natural beauty of treated surfaces. The water-borne acrylic formula complies with all known AIM VOC regulations nationwide.

Sample Preparation – Color and Sheen Enhancement

Samples were cleaned with Enviro Klean® 2010 All Surface Cleaner diluted with 10 parts water and allowed to dry for at least 24 hours prior to treatment.

Test Method – Color and Sheen Enhancement

Sure Klean® Weather Seal Blok-Guard® & Graffiti Control, Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II and Stand Off® Gloss 'N Guard WB were applied by brush in accordance with the current PROSOCO, Inc. Product Data Sheet application instructions. After 24 hours, a visual evaluation was made comparing the untreated surface to the treated surfaces.

Test Results – Color and Sheen Enhancement

“Appalachian Fieldstone - Mountain Sunset”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	1	3
“Belgian Castle - Light Grey”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3
“Canyon Ledge - Brookside”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3
“Clinker Brick - Antique Red”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3
“Coronado Honey Ledge - Four Rivers”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	3	3
“Coronado Honey Ledge - Shasta Blend”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3
“Coronado Honey Ledge - Sioux Falls”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	1	3
“Country Castle - Hill Country”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	1	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	1	0
Stand Off® Gloss ‘N Guard WB	1	3
“Country Castle - Lompoc”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3

Scale: 0 – No Enhancement; Dull
1 – Slight Enhancement
2 – Moderate Enhancement
3 – Significant Enhancement

Test Results – Color and Sheen Enhancement

“Country Castle - Redwood”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	3	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	3	0
Stand Off® Gloss ‘N Guard WB	2	3
“Country Castle - Sunset Blend”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3
“Country Rubble - Antique Cream”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	1	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	1	0
Stand Off® Gloss ‘N Guard WB	1	3
“Country Rubble - Chalk”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	1	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	1	0
Stand Off® Gloss ‘N Guard WB	1	3
“Country Rubble - Coastal Brown”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	1	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	1	0
Stand Off® Gloss ‘N Guard WB	2	3
“Country Rubble - Golden Brown”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	1	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	1	0
Stand Off® Gloss ‘N Guard WB	1	3
“Country Rubble - Mesa Blend”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	1	3
“Country Rubble - Texas Cream”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	1	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	1	0
Stand Off® Gloss ‘N Guard WB	1	3
“Creek Rock - Palm Springs Blend”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3

Scale: 0 – No Enhancement; Dull
 1 – Slight Enhancement
 2 – Moderate Enhancement
 3 – Significant Enhancement

Test Results – Color and Sheen Enhancement

“Creek Rock - Southwest Blend”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3
“English Rubble - Pebble Beach Blend”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	3	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	3	0
Stand Off® Gloss ‘N Guard WB	1	3
“English Rubble - Versailles”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	0	2
“French Country Villa - Bordeaux”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3
“French Country Villa – Champagne”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	1	0
Stand Off® Gloss ‘N Guard WB	1	2
“French Country Villa - Verona”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	1	3
“Idaho Drystack - Antique Buff”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	1	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	1	0
Stand Off® Gloss ‘N Guard WB	1	3
“Idaho Drystack - Carmel Mountain”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	1	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	1	0
Stand Off® Gloss ‘N Guard WB	1	3
“Idaho Drystack - Denver Blend”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	3	3

Scale: 0 – No Enhancement; Dull
 1 – Slight Enhancement
 2 – Moderate Enhancement
 3 – Significant Enhancement

Test Results – Color and Sheen Enhancement

“Idaho Drystack - Smokey Grey”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3
“Italian Villa - Portabella”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	1	3
“Italian Villa - Provo Canyon Grey”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	1	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	1	0
Stand Off® Gloss ‘N Guard WB	1	3
“Italian Villa - Volterra”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3
“Minnesota Fieldstone - Chablis”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	1	0
Stand Off® Gloss ‘N Guard WB	2	3
“Mountain Eastern Ledge - Dakota Brown”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	1	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	1	0
Stand Off® Gloss ‘N Guard WB	3	3
“Mountain Eastern Ledge - Grey”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	1	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	1	0
Stand Off® Gloss ‘N Guard WB	1	3
“Mountain Eastern Ledge - Wheat”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3
“Old Country Ledge - Fall Country”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	1	3

Scale: 0 – No Enhancement; Dull
1 – Slight Enhancement
2 – Moderate Enhancement
3 – Significant Enhancement

Test Results – Color and Sheen Enhancement

“Old Country Ledge - Madison County”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	3	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	3	0
Stand Off® Gloss ‘N Guard WB	2	3
“Quick Stack - Sahara Blend”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	1	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	1	0
Stand Off® Gloss ‘N Guard WB	0	3
“River Rock - Reno Blend”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	3	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	3	0
Stand Off® Gloss ‘N Guard WB	3	3
“River Rock - Vermont Blend”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3
“Special Used Brick - Red Used”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3
“Special Used Brick - Rustic Blend”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3
“Split Fieldstone - Carmel Mountain”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3
“Split Fieldstone - Green Valley Quartzite”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	3	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	3	0
Stand Off® Gloss ‘N Guard WB	2	3
“Texas Rubble - Cream”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	1	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	1	0
Stand Off® Gloss ‘N Guard WB	1	3

Scale: 0 – No Enhancement; Dull
 1 – Slight Enhancement
 2 – Moderate Enhancement
 3 – Significant Enhancement

Test Results – Color and Sheen Enhancement

“Tuscan Villa - Florentine”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	1	3
“Tuscan Villa - Prairie Moss”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	1	3
“Virginia Ledge - Aspen”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	2	3
“Virginia Ledge - Golden Sand”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	1	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	1	0
Stand Off® Gloss ‘N Guard WB	2	3
“Virginia Ledge - Storm Brown”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	1	3
“Weathered Edge - Sunhill Blend”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	2	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	2	0
Stand Off® Gloss ‘N Guard WB	1	3
“Weathered Edge - Wisconsin Blend”		
Treatment	Color Enhancement	Sheen Enhancement
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	3	0
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	3	0
Stand Off® Gloss ‘N Guard WB	1	3

Scale: **0** – No Enhancement; Dull
1 – Slight Enhancement
2 – Moderate Enhancement
3 – Significant Enhancement

Photographs – Color and Sheen Enhancement**“Old Country Ledge - Madison County”; Color Enhancement Products Applied****Sure Klean® Weather
Seal Blok-Guard® &
Graffiti Control****Sure Klean® Weather
Seal Blok-Guard® &
Graffiti Control II****Untreated Control****Stand Off®
Gloss 'N Guard WB**

Recommendations – Color and Sheen Enhancement

Recommendations for color and sheen enhancement for the manufactured stone submitted by Coronado Stone Products, Lewisville, TX are provided in the chart below. Recommendations are based on the treatment that proved most effective in providing color and/or sheen enhancement to the submitted samples.

Sample	Color Enhancement	Sheen Enhancement
"Belgian Castle - Light Grey" "Canyon Ledge - Brookside" "Clinker Brick - Antique Red" "Country Castle - Hill Country" "Country Castle - Lompoc" "Country Castle - Sunset Blend" "Country Rubble - Antique Cream" "Country Rubble - Chalk" "Country Rubble - Golden Brown" "Country Rubble - Texas Cream" "Creek Rock - Palm Springs Blend" "Creek Rock - Southwest Blend" "French Country Villa - Bordeaux" "Coronado Honey Ledge - Shasta Blend" "Idaho Drystack - Antique Buff" "Idaho Drystack - Carmel Mountain" "Idaho Drystack - Smokey Grey" "Italian Villa - Provo Canyon Grey" "Italian Villa - Volterra" "Mountain Eastern Ledge - Grey" "Mountain Eastern Ledge - Wheat" "River Rock - Reno Blend" "River Rock - Vermont Blend" "Special Used Brick - Red Used" "Special Used Brick - Rustic Blend" "Split Fieldstone - Carmel Mountain" "Texas Rubble - Cream" "Virginia Ledge - Aspen"	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Stand Off® Gloss 'N Guard WB	Stand Off® Gloss 'N Guard WB
"Appalachian Fieldstone - Mountain Sunset" "Country Castle - Redwood" "Country Rubble - Mesa Blend" "English Rubble - Pebble Beach Blend" "English Rubble - Versailles" "French Country Villa - Verona" "Coronado Honey Ledge - Sioux Falls" "Italian Villa - Portabella" "Old Country Ledge - Fall Country" "Old Country Ledge - Madison County" "Quick Stack - Sahara Blend" "Split Fieldstone - Green Valley Quartzite" "Tuscan Villa - Florentine" "Tuscan Villa - Prairie Moss" "Virginia Ledge - Storm Brown" "Weathered Edge - Sunhill Blend" "Weathered Edge - Wisconsin Blend"	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II	Stand Off® Gloss 'N Guard WB
"Minnesota Fieldstone - Chablis"	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® Gloss 'N Guard WB	Stand Off® Gloss 'N Guard WB

Recommendations – Color and Sheen Enhancement

Sample	Color Enhancement	Sheen Enhancement
"French Country Villa - Champagne"	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	Stand Off® Gloss 'N Guard WB
"Country Rubble - Coastal Brown" "Coronado Honey Ledge - Four Rivers" "Idaho Drystack - Denver Blend" "Mountain Eastern Ledge - Dakota Brown" "Virginia Ledge - Golden Sand"	Stand Off® Gloss 'N Guard WB	Stand Off® Gloss 'N Guard WB

Apply all products in accordance with the manufacturer's recommendation provided on container labels and product data sheets. On-site testing should be conducted to determine the most appropriate product and procedures for a particular project. See product literature for additional application and product information.



Christopher A. Moore
Project Testing Laboratory Technician
CAM



PALLET TAG PROGRAM

Laboratory Report

Coronado Stone Products

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Project No. 0601-12 PTP

Prepared For:
PROSOCO
SINCE 1939

Prepared By:
AMT Laboratories
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