



Pallet Tag Program Laboratory Report

Coldspring Cold Spring, MN



Project No. 2008-04 PTP

Prepared For:



Prepared By:

J. Lucas Comadoll

J. Lucas Comadoll
Project Testing Technician
AMT Laboratories

October 2020



LABORATORY REPORT

AMT Laboratories • 3741 Greenway Circle • Lawrence, Kansas 66046 • (888) 376-3600

FOR: Chad Roste, Coldspring
cc: Ken Rathbun, PROSOCO, Inc.
Kevin Gwinn, PROSOCO, Inc.
Jake Boyer, PROSOCO, Inc.
Al Morris, PROSOCO, Inc.

SUBJECT: Coldspring
Cold Spring, MN
Pallet Tag Evaluation

DATE: October 23, 2020
PROJECT: 2008-04 PTP

SAMPLES SUBMITTED:

Type	Name	Color	Finish	Size
Granite	"Academy Black"	Black and Gray	Thermal	12" x 12" x 1/2"
Granite	"Academy Black"	Black and Gray	Sanded	12" x 12" x 1/2"
Granite	"Academy Black"	Black and Gray	Honed	12" x 12" x 1/2"
Granite	"Academy Black"	Black	Polished	12" x 12" x 1/2"
Granite	"Carnelian"	Gray and Red	Thermal	12" x 12" x 1/2"
Granite	"Carnelian"	Gray and Red	Sanded	12" x 12" x 1/2"
Granite	"Carnelian"	Gray and Red	Honed	12" x 12" x 1/2"
Granite	"Carnelian"	Gray and Red	Polished	12" x 12" x 1/2"
Granite	"Charcoal Black"	Black and Gray	Thermal	12" x 12" x 1/2"
Granite	"Charcoal Black"	Black and Gray	Sanded	12" x 12" x 1/2"
Granite	"Charcoal Black"	Black and Gray	Honed	12" x 12" x 1/2"
Granite	"Charcoal Black"	Black and Gray	Polished	12" x 12" x 1/2"
Granite	"Iridian"	Black and White	Thermal	12" x 12" x 1/2"
Granite	"Iridian"	Black and White	Sanded	12" x 12" x 1/2"
Granite	"Iridian"	Black, White, and Brown	Honed	12" x 12" x 1/2"
Granite	"Iridian"	Black, White, and Brown	Polished	12" x 12" x 1/2"
Granite	"Mesabi Black"	Black and Gray	Thermal	12" x 12" x 1/2"
Granite	"Mesabi Black"	Gray	Sanded	12" x 12" x 1/2"
Granite	"Mesabi Black"	Black and Gray	Honed	12" x 12" x 1/2"
Granite	"Mesabi Black"	Black	Polished	12" x 12" x 1/2"



SAMPLES SUBMITTED: (cont.)

Type	Name	Color	Finish	Size
Granite	"Rainbow"	Black, Gray, and Orange	Thermal	12" x 12" x ½"
Granite	"Rainbow"	Black, Gray, and Orange	Sanded	12" x 12" x ½"
Granite	"Rainbow"	Black, Gray, Orange, and Green	Honed	12" x 12" x ½"
Granite	"Rainbow"	Black, Gray, and Orange	Polished	12" x 12" x ½"
Granite	"Rockville White"	Black and White	Thermal	12" x 12" x ½"
Granite	"Rockville White"	Black and White	Sanded	12" x 12" x ½"
Granite	"Rockville White"	Black and White	Honed	12" x 12" x ½"
Granite	"Rockville White"	Black and White	Polished	12" x 12" x ½"
Granite	"Sierra White"	Black and White	Thermal	12" x 12" x ½"
Granite	"Sierra White"	Black and White	Sanded	12" x 12" x ½"
Granite	"Sierra White"	Black and White	Honed	12" x 12" x ½"
Granite	"Sierra White"	Black and White	Polished	12" x 12" x ½"
Granite	"Sunset Red"	Black and Orange	Thermal	12" x 12" x ½"
Granite	"Sunset Red"	Black and Orange	Sanded	12" x 12" x ½"
Granite	"Sunset Red"	Black and Orange	Honed	12" x 12" x ½"
Granite	"Sunset Red"	Black and Orange	Polished	12" x 12" x ½"

SUBMITTED BY: Chad Roste
Coldspring
17482 Granite West Road
Cold Spring, MN 56320

PURPOSE OF TEST:

- To determine the most appropriate PROSOCO, Inc. new construction cleaner(s) for the submitted samples.
- To determine the suitability of Enviro Klean® Klean 'N Release Cleaner as a maintenance cleaner for the submitted samples.
- To evaluate the color and sheen enhancement characteristics of PROSOCO® Paver Kare® Paver Enhancer on the submitted samples (where applicable).
- To determine the most appropriate PROSOCO, Inc. water repellent for the submitted samples (where applicable).
- To determine the effectiveness of appropriate PROSOCO, Inc. products in preventing the penetration of, and simplifying the removal of, graffiti staining on the submitted samples (where applicable).
- To determine the effectiveness of appropriate PROSOCO, Inc. products in preventing food and oil staining on the submitted samples (where applicable).
- To determine if PROSOCO® Oil & Grease Stain Remover causes any adverse effects to the submitted samples.

PRODUCTS EVALUATED:

New Construction Cleaning	Dilution:
Sure Klean® Vana Trol®	1:6; 1:8
Enviro Klean® Safety Klean	1:2, 1:3

Maintenance Cleaning	Dilution:
Enviro Klean® Klean 'N Release Cleaner	1:10

Color and Sheen Enhancement (Where Applicable)	Dilution:
PROSOCO® Paver Kare® Paver Enhancer	N/A*

Water Repellency (Where Applicable)	Dilution:
PROSOCO® SL100 Water Repellent	N/A*
PROSOCO® SLX100® Water & Oil Repellent	N/A*
PROSOCO® Paver Kare® Paver Enhancer	N/A*

Graffiti Resistance (Where Applicable)	Dilution:
PROSOCO® Defacer Eraser® Sacrificial Coating SC-1	N/A*

Graffiti Removal	Dilution:
Enviro Klean® SafStrip®	N/A*
Defacer Eraser® Graffiti Remover	N/A*

Stain Resistance (Where Applicable)	Dilution:
PROSOCO® SLX100® Water & Oil Repellent	N/A*
PROSOCO® Stand Off® Stone, Tile & Masonry Protector (STMP)	N/A*

Stain Removal (Adverse Effects)	Dilution:
PROSOCO® Oil & Grease Stain Remover	N/A*

***NOTE: Per the product data sheet instructions, only use the product in concentrate. Do not dilute.**

TEST METHODS: New Construction Cleaning

Sure Klean® Vana Trol® and Enviro Klean® Safety Klean were evaluated to determine the optimal concentration of cleaner which leaves the external surface looking most like the uncleaned surface of the natural stone.

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

Substrate Deterioration is the visual examination of the sample comparing the uncleaned surface 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 uncleaned surface to the 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.

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

- 0 – **No change** compared to uncleaned surface
- 1 – **Slight change** compared to uncleaned surface
- 2 – **Moderate change** compared to uncleaned surface
- 3 – **Significant change** compared to uncleaned surface

Cleaning Procedure:

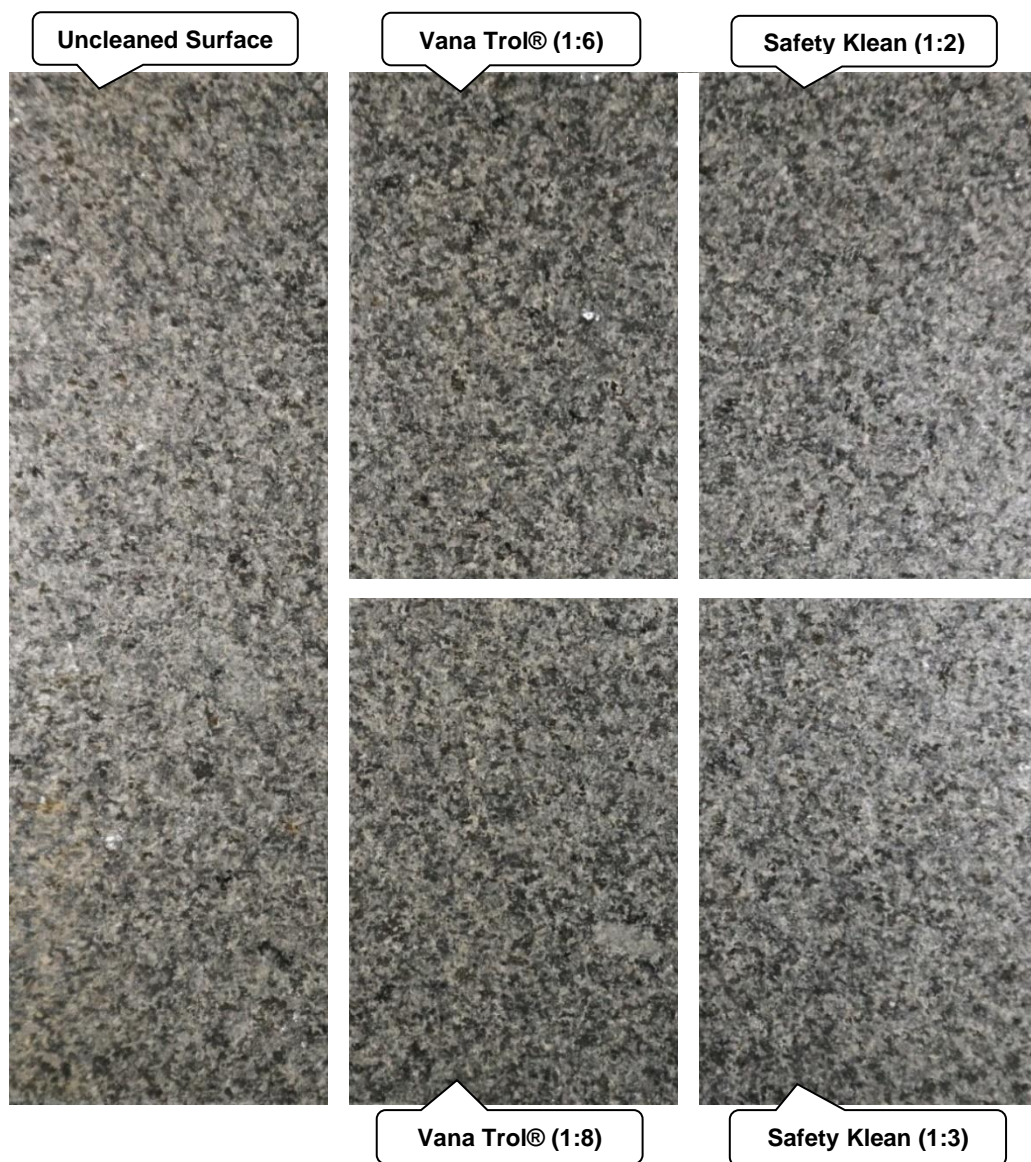
1. Pre-wet the surface and apply diluted cleaning solution according to PROSOCO, Inc. Product Data Sheet.
2. Allow for an appropriate dwell time:
 - Vana Trol®.....5 minutes
 - Safety Klean.....5 minutes
3. Reapply cleaning solution; do not let cleaner dry into natural stone.
4. Rinse thoroughly with plenty of fresh water.*
5. Allow the sample to dry for at least 18 hours and visually examine.
6. Compare the uncleaned surfaces to the cleaned surfaces for the best match.

***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 AND PHOTOGRAPHS: New Construction Cleaning

Name: All Granite Samples					
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Vana Trol®	1:6	0	0	0	0
Vana Trol®	1:8	0	0	0	0
Safety Klean	1:2	0	0	0	0
Safety Klean	1:3	0	0	0	0

“Academy Black” Thermal Granite After Cleaning



TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

“Academy Black” Sanded Granite After Cleaning



TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

“Academy Black” Honed Granite After Cleaning



TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

“Academy Black” Polished Granite After Cleaning



TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

“Camelian” Thermal Granite After Cleaning



TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

“Camelian” Sanded Granite After Cleaning



TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

“Camelian” Honed Granite After Cleaning



TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

“Camelian” Polished Granite After Cleaning



TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

“Iridian” Thermal Granite After Cleaning



TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

“Iridian” Sanded Granite After Cleaning



TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

“Iridian” Honed Granite After Cleaning



TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

“Iridian” Polished Granite After Cleaning



CONCLUSIONS: New Construction Cleaning

In the cleaning tests conducted, neither Sure Klean® Vana Trol® nor Enviro Klean® Safety Klean caused any change to the submitted samples.

When choosing the most appropriate product for the desired result, use Sure Klean® Vana Trol® for new masonry surfaces that are subject to vanadium, manganese, and other metallic stains. Additionally, Sure Klean® Vana Trol® is designed for use with colored mortar. Use Enviro Klean® Safety Klean as an effective, safe alternative to acidic cleaning compounds.

It is recommended that the selected cleaners always be used in the lowest possible concentration.

RECOMMENDATIONS: New Construction Cleaning

Recommendations for cleaning for each type of granite submitted by Coldspring, Cold Spring, MN are provided in the chart below. Recommendations are based on the cleaner and dilution that provided the best match to the uncleaned surface.

Sample	New Construction Cleaning
"Academy Black" – Thermal, Sanded, Honed, and Polished Granite	Sure Klean® Vana Trol® (1:6) or (1:8) OR Enviro Klean® Safety Klean (1:2) or (1:3)
"Carnelian" – Thermal, Sanded, Honed, and Polished Granite	
"Charcoal Black" – Thermal, Sanded, Honed, and Polished Granite	
"Iridian" – Thermal, Sanded, Honed, and Polished Granite	
"Mesabi Black" – Thermal, Sanded, Honed, and Polished Granite	
"Rainbow" – Thermal, Sanded, Honed, and Polished Granite	
"Rockville White" – Thermal, Sanded, Honed, and Polished Granite	
"Sierra White" – Thermal, Sanded, Honed, and Polished Granite	
"Sunset Red" – Thermal, Sanded, Honed, and Polished Granite	

The most appropriate cleaner and dilution should be determined on the specific job-site, and will be dependent primarily on the nature and severity of soiling present at that location.

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 cleaning product and procedures for a particular project. See product literature for additional application and product information.

TEST METHODS: Maintenance Cleaning

Enviro Klean® Klean 'N Release Cleaner was evaluated to determine if it leaves the external surface looking like the uncleaned surface of the natural stone.

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

Substrate Deterioration is the visual examination of the sample comparing the uncleaned surface 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 uncleaned surface to the 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.

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

- 0 – **No change** compared to uncleaned surface
- 1 – **Slight change** compared to uncleaned surface
- 2 – **Moderate change** compared to uncleaned surface
- 3 – **Significant change** compared to uncleaned surface

Cleaning Procedure:

1. Pre-wet the surface and apply diluted cleaning solution according to PROSOCO, Inc. Product Data Sheet.
2. Allow for an appropriate dwell time:
Klean 'N Release Cleaner..... 10 minutes
3. Reapply cleaning solution; do not let cleaner dry into natural stone.
4. Rinse thoroughly with plenty of fresh water.*
5. Allow the sample to dry for at least 18 hours and visually examine.
6. Compare the uncleaned surfaces to the cleaned surfaces for the best match.

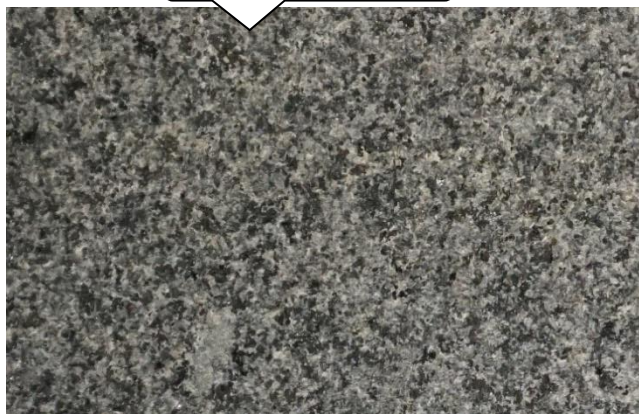
***Rinsing Equipment** – Masonry washing equipment generating approximately 700-800 psi with a water flow rate of 8 gallons per minute delivered through a 45 degree fan spray tip was used for rinsing.

TEST RESULTS AND PHOTOGRAPHS: Maintenance Cleaning

Name: All Granite Samples					
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Klean 'N Release Cleaner	1:10	0	0	0	0

"Academy Black" Thermal Granite After Cleaning

Uncleaned Surface

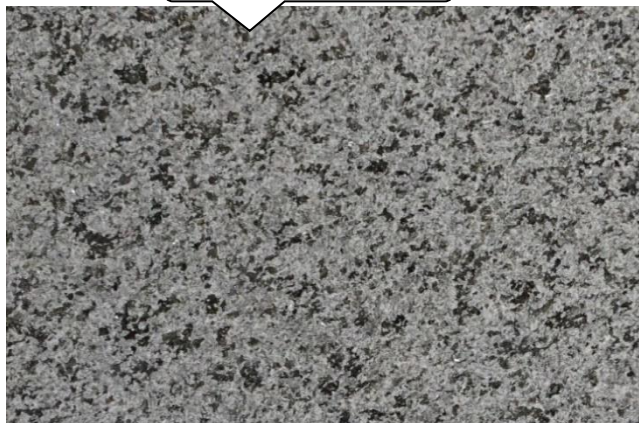


Klean 'N Release Cleaner (1:10)

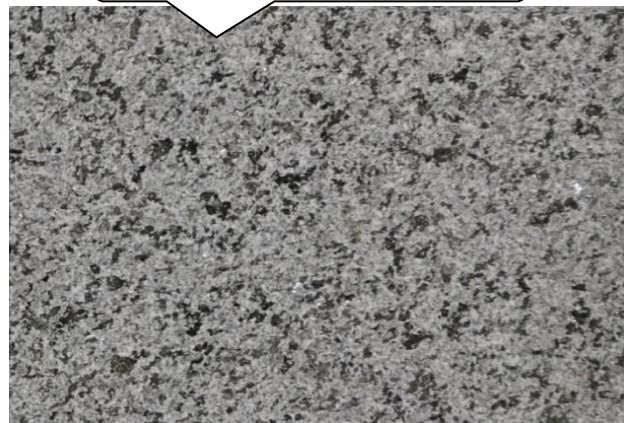


"Academy Black" Sanded Granite After Cleaning

Uncleaned Surface



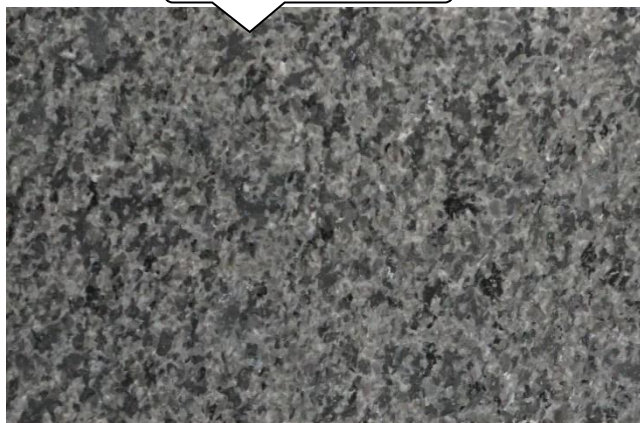
Klean 'N Release Cleaner (1:10)



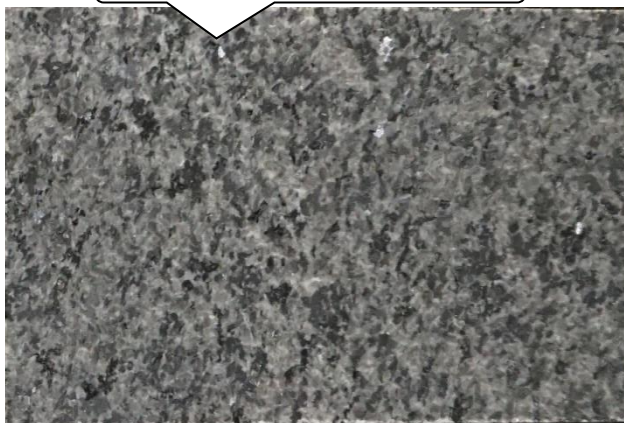
TEST RESULTS AND PHOTOGRAPHS: Maintenance Cleaning (cont.)

“Academy Black” Honed Granite After Cleaning

Uncleaned Surface

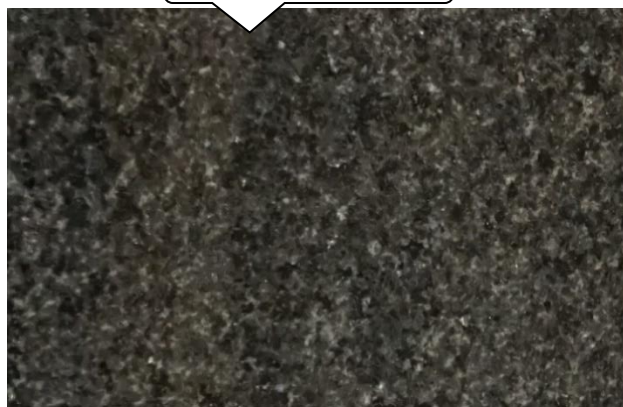


Klean 'N Release Cleaner (1:10)

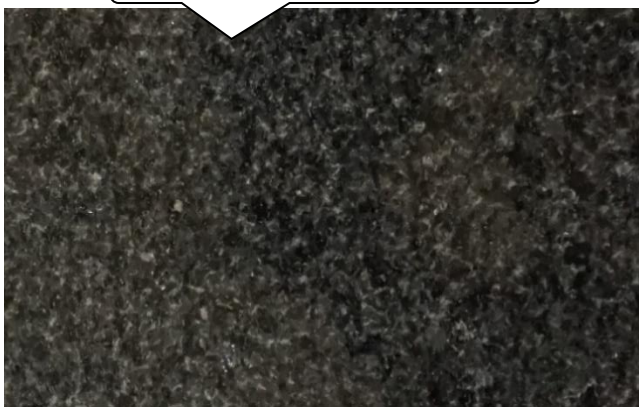


“Academy Black” Polished Granite After Cleaning

Uncleaned Surface



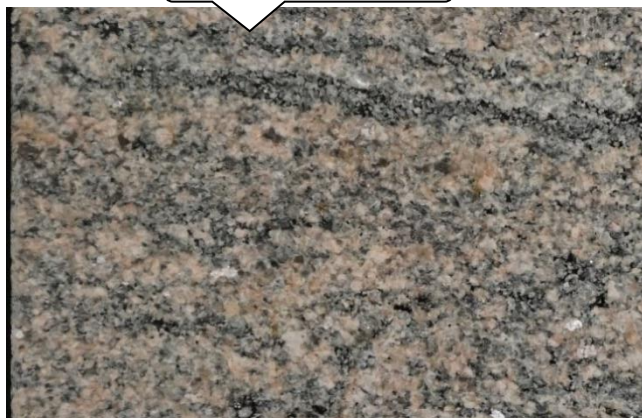
Klean 'N Release Cleaner (1:10)



TEST RESULTS AND PHOTOGRAPHS: Maintenance Cleaning (cont.)

“Rainbow” Thermal Granite After Cleaning

Uncleaned Surface



Klean 'N Release Cleaner (1:10)



“Rainbow” Sanded Granite After Cleaning

Uncleaned Surface



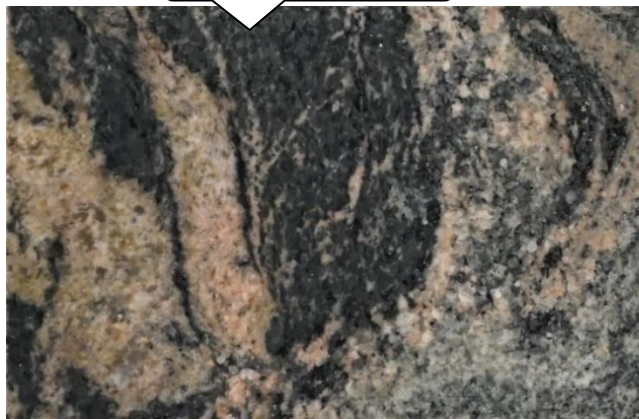
Klean 'N Release Cleaner (1:10)



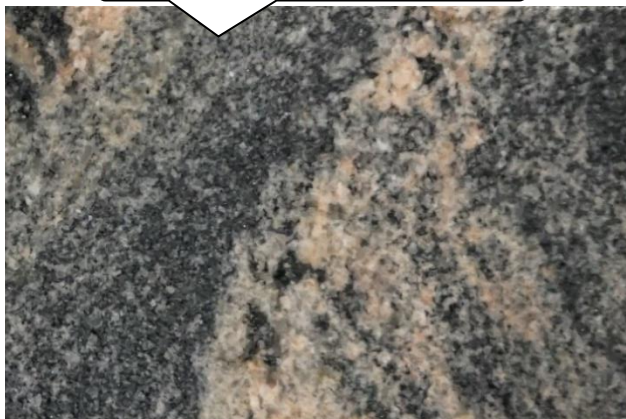
TEST RESULTS AND PHOTOGRAPHS: Maintenance Cleaning (cont.)

“Rainbow” Honed Granite After Cleaning

Uncleaned Surface

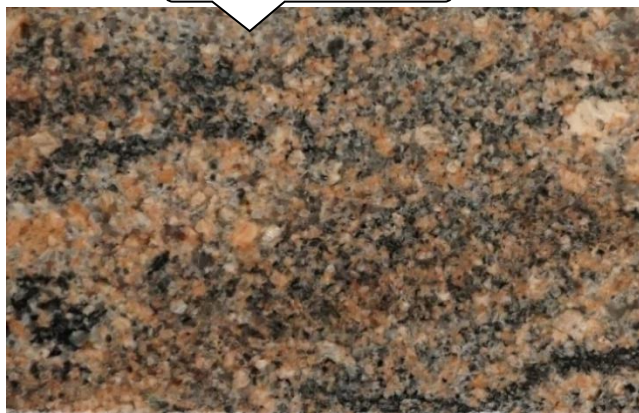


Klean 'N Release Cleaner (1:10)

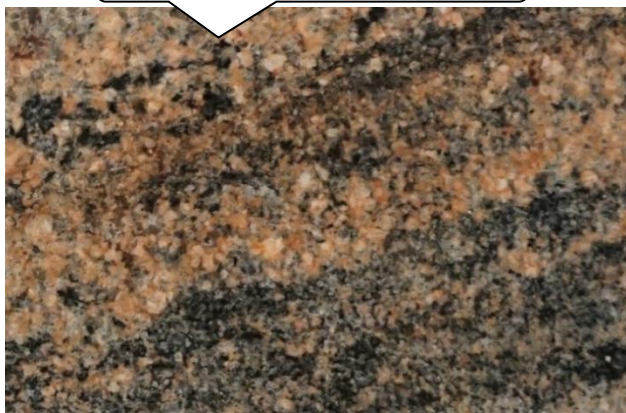


“Rainbow” Polished Granite After Cleaning

Uncleaned Surface



Klean 'N Release Cleaner (1:10)



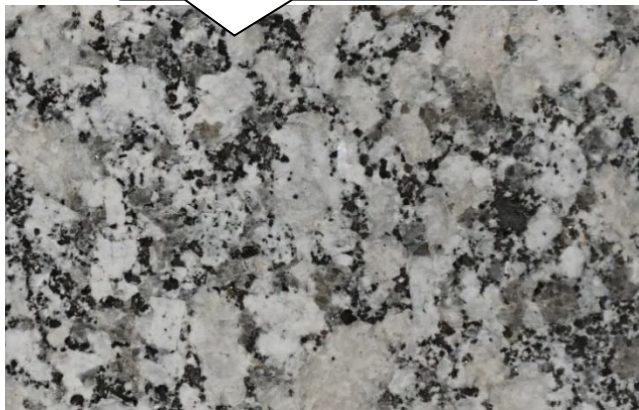
TEST RESULTS AND PHOTOGRAPHS: Maintenance Cleaning (cont.)

“Rockville White” Thermal Granite After Cleaning

Uncleaned Surface

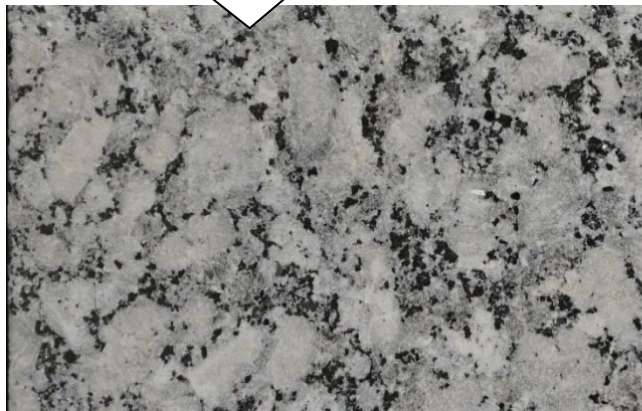


Klean ‘N Release Cleaner (1:10)

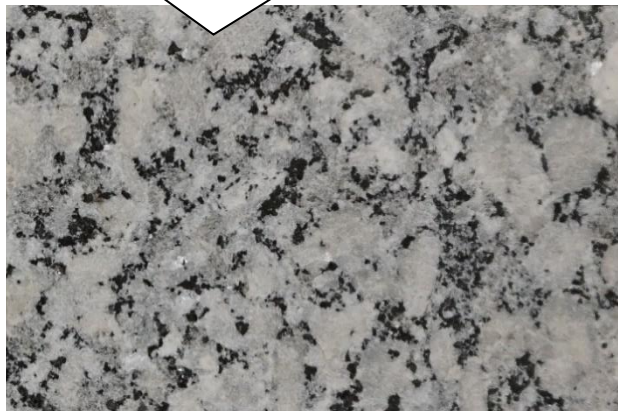


“Rockville White” Sanded Granite After Cleaning

Uncleaned Surface



Klean ‘N Release Cleaner (1:10)



TEST RESULTS AND PHOTOGRAPHS: Maintenance Cleaning (cont.)

“Rockville White” Honed Granite After Cleaning

Uncleaned Surface

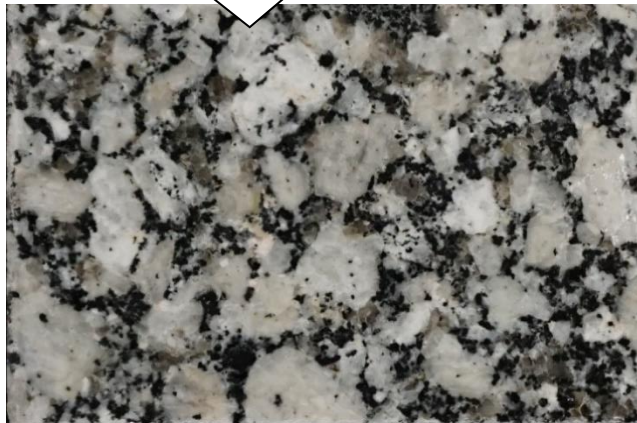


Klean ‘N Release Cleaner (1:10)

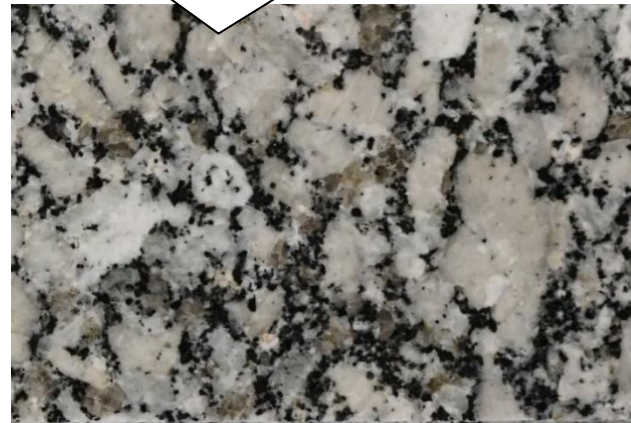


“Rockville White” Polished Granite After Cleaning

Uncleaned Surface



Klean ‘N Release Cleaner (1:10)



CONCLUSIONS: Maintenance Cleaning

Enviro Klean® Klean ‘N Release Cleaner did not cause any change in appearance to any of the submitted samples.

It is recommended that the selected cleaners always be used in the lowest possible concentration.

NOTE: Repeated use may dull highly polished natural stone surfaces. Always test to ensure desired results.

RECOMMENDATIONS: Maintenance Cleaning

Recommendations for cleaning for each type of granite submitted by Coldspring, Cold Spring, MN are provided in the chart below. Recommendations are based on the cleaner and dilution that provided the best match to the uncleaned surface.

Sample	Maintenance Cleaning
"Academy Black" – Thermal, Sanded, Honed, and Polished Granite	Enviro Klean® Klean 'N Release Cleaner (1:10)
"Carnelian" – Thermal, Sanded, Honed, and Polished Granite	
"Charcoal Black" – Thermal, Sanded, Honed, and Polished Granite	
"Iridian" – Thermal, Sanded, Honed, and Polished Granite	
"Mesabi Black" – Thermal, Sanded, Honed, and Polished Granite	
"Rainbow" – Thermal, Sanded, Honed, and Polished Granite	
"Rockville White" – Thermal, Sanded, Honed, and Polished Granite	
"Sierra White" – Thermal, Sanded, Honed, and Polished Granite	
"Sunset Red" – Thermal, Sanded, Honed, and Polished Granite	

The most appropriate cleaner and dilution should be determined on the specific job-site, and will be dependent primarily on the nature and severity of soiling present at that location.

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 cleaning product and procedures for a particular project. See product literature for additional application and product information.

SAMPLE PREPARATION: Treatment Application

Prior to treatment application, the submitted granite samples were rinsed using 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. After the samples were allowed to dry for at least 24 hours, the treatments were applied in accordance with the current PROSOCO, Inc. Product Data Sheet instructions.

TEST METHODS: Color and Sheen Enhancement

After 72 hours, a visual evaluation was made comparing the untreated control surface to the treated surface to determine the effectiveness of the evaluated products in providing color and/or sheen enhancement to the submitted natural stone samples.

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

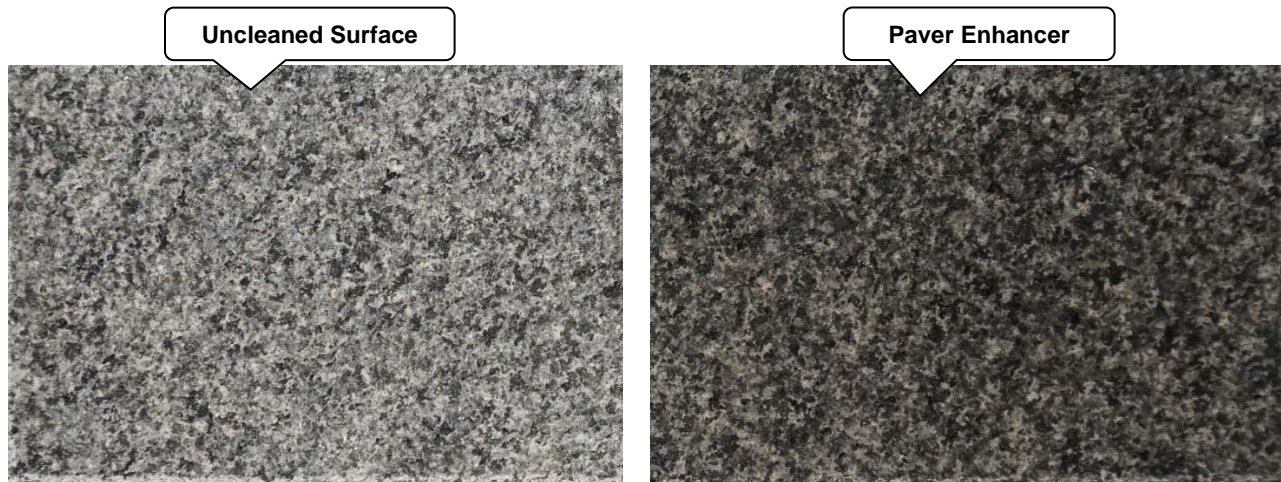
- 0 – **No enhancement** compared to untreated surface
- 1 – **Slight enhancement** compared to untreated surface
- 2 – **Moderate enhancement** compared to untreated surface
- 3 – **Significant enhancement** compared to untreated surface

NOTE: Due to the surface irregularities and varying nature of the natural stone, the substrate's color and sheen enhancement may vary from one area of the sample to another, as well as from sample to sample.

TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement

"Academy Black" – Thermal Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

"Academy Black" Thermal Granite After Application



"Academy Black" – Sanded Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

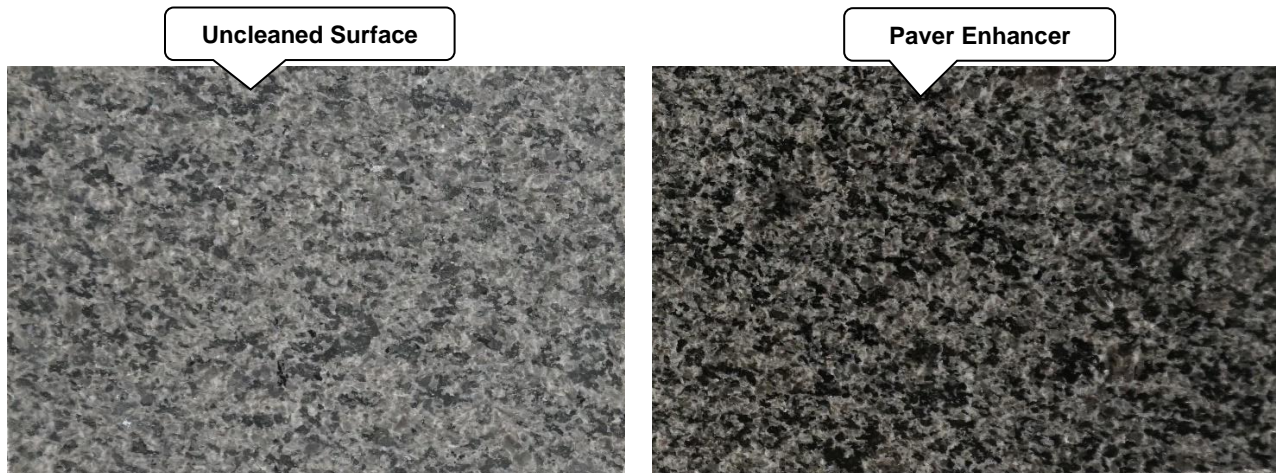
"Academy Black" Sanded Granite After Application



TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)

"Academy Black" – Honed Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

"Academy Black" Honed Granite After Application



"Carnelian" – Thermal Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

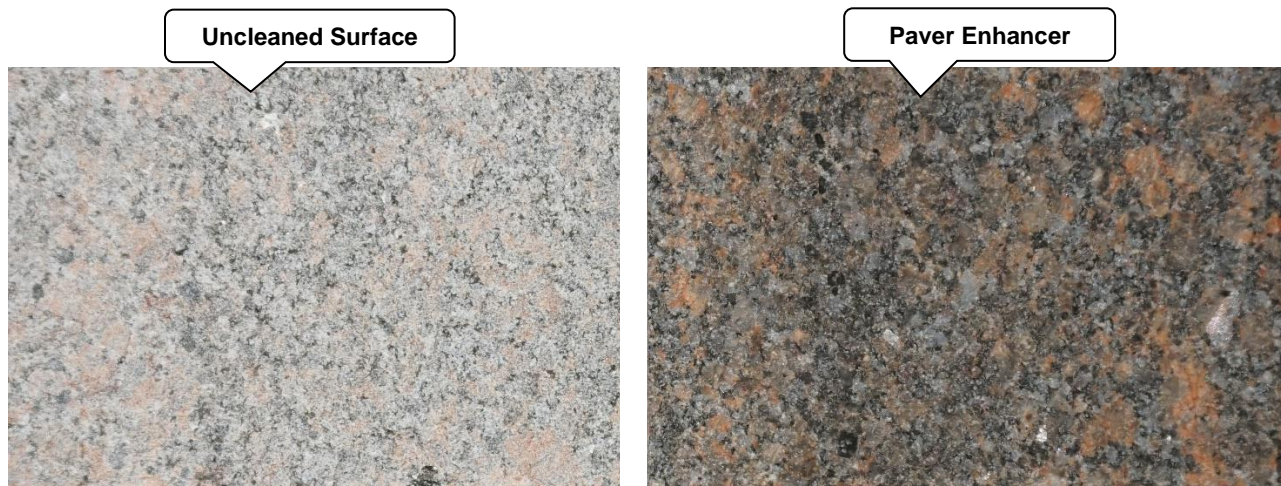
"Carnelian" Thermal Granite After Application



TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)

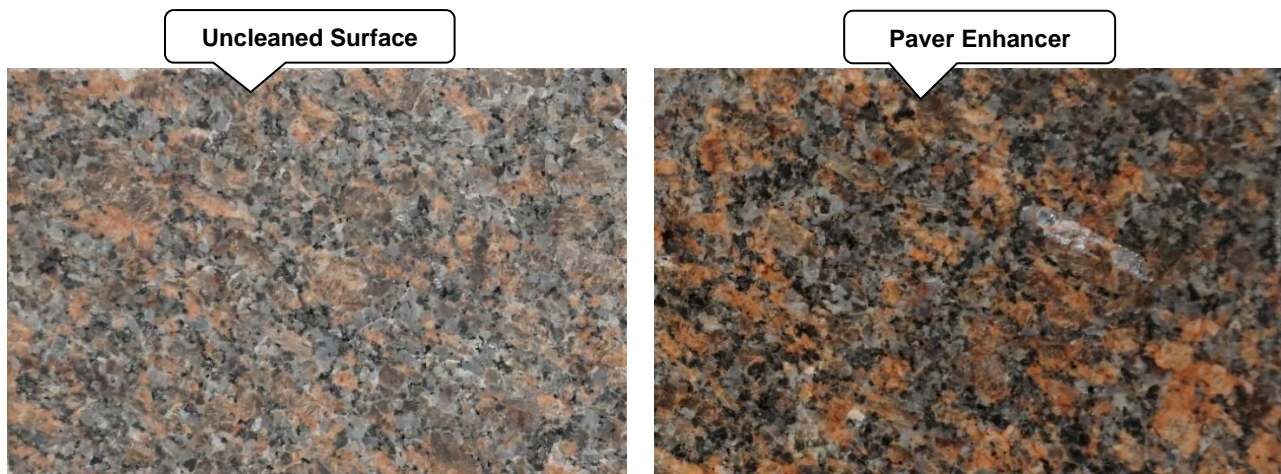
"Carnelian" – Sanded Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	3	0

"Carnelian" Sanded Granite After Application



"Carnelian" – Honed Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

"Carnelian" Honed Granite After Application



TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)

"Charcoal Black" – Thermal Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

"Charcoal Black" Thermal Granite After Application



"Charcoal Black" – Sanded Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

"Charcoal Black" Sanded Granite After Application



TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)

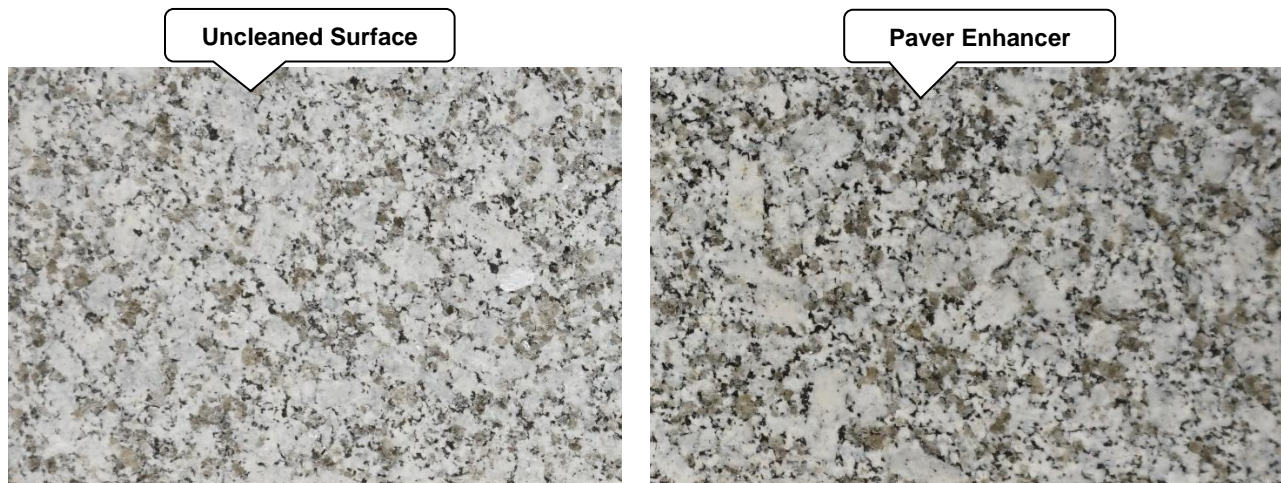
“Charcoal Black” – Honed Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

“Charcoal Black” Honed Granite After Application



“Iridian” – Thermal Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	1	0

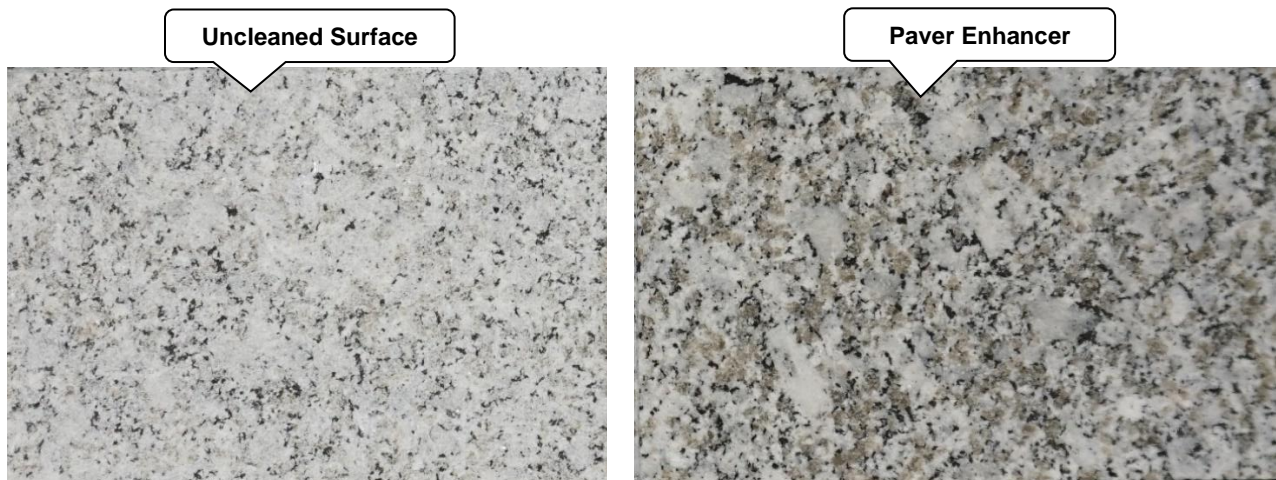
“Iridian” Thermal Granite After Application



TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)

"Iridian" – Sanded Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	1	0

"Iridian" Sanded Granite After Application



"Iridian" – Honed Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

"Iridian" Honed Granite After Application



TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)

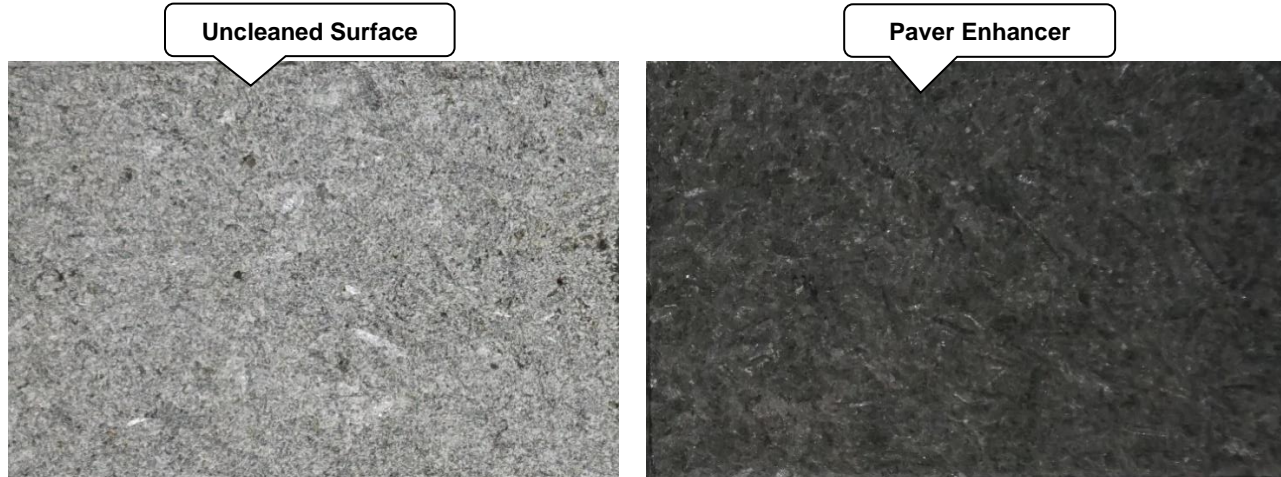
"Mesabi Black" – Thermal Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

"Mesabi Black" Thermal Granite After Application



"Mesabi Black" – Sanded Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	3	0

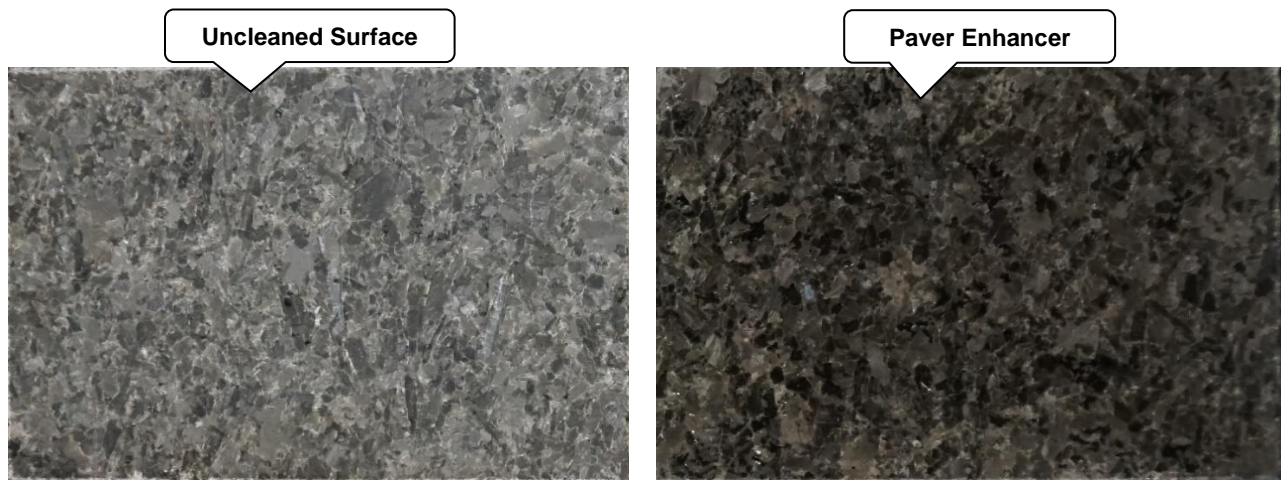
"Mesabi Black" Sanded Granite After Application



TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)

“Mesabi Black” – Honed Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

“Mesabi Black” Honed Granite After Application



“Rainbow” – Thermal Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

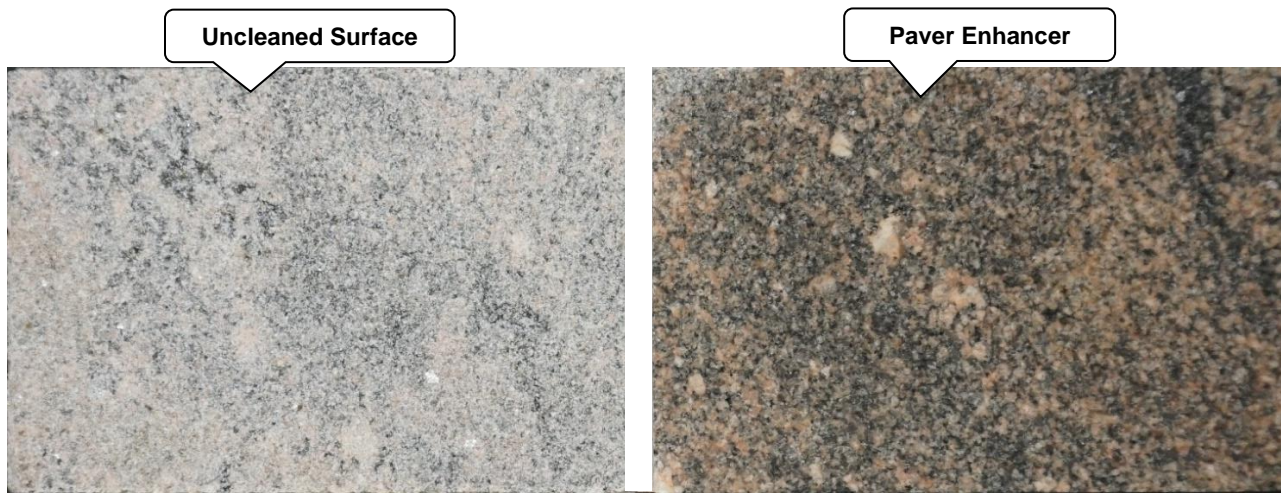
“Rainbow” Thermal Granite After Application



TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)

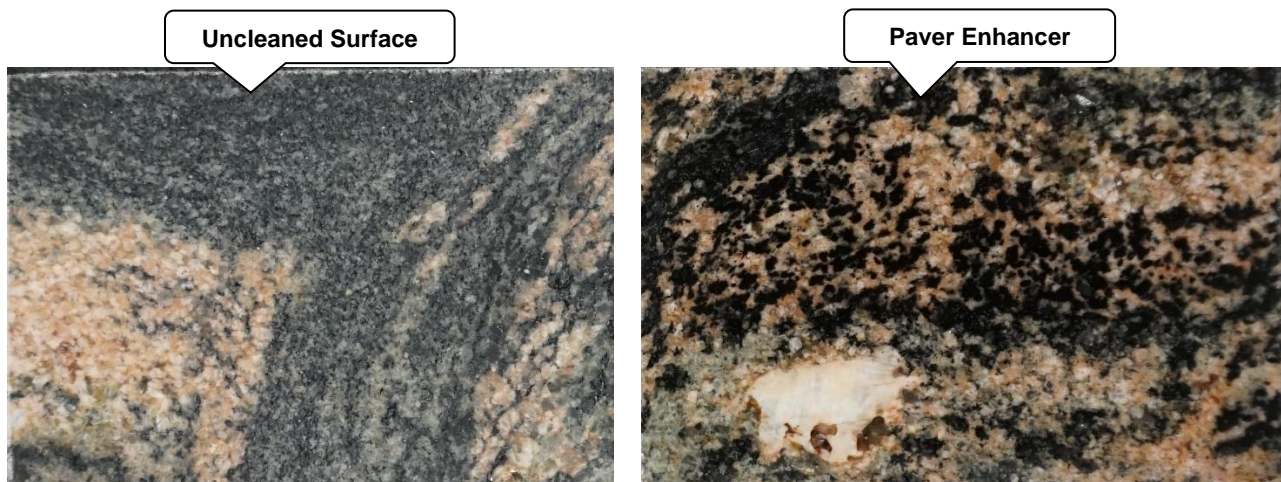
"Rainbow" – Sanded Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	3	0

"Rainbow" Sanded Granite After Application



"Rainbow" – Honed Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

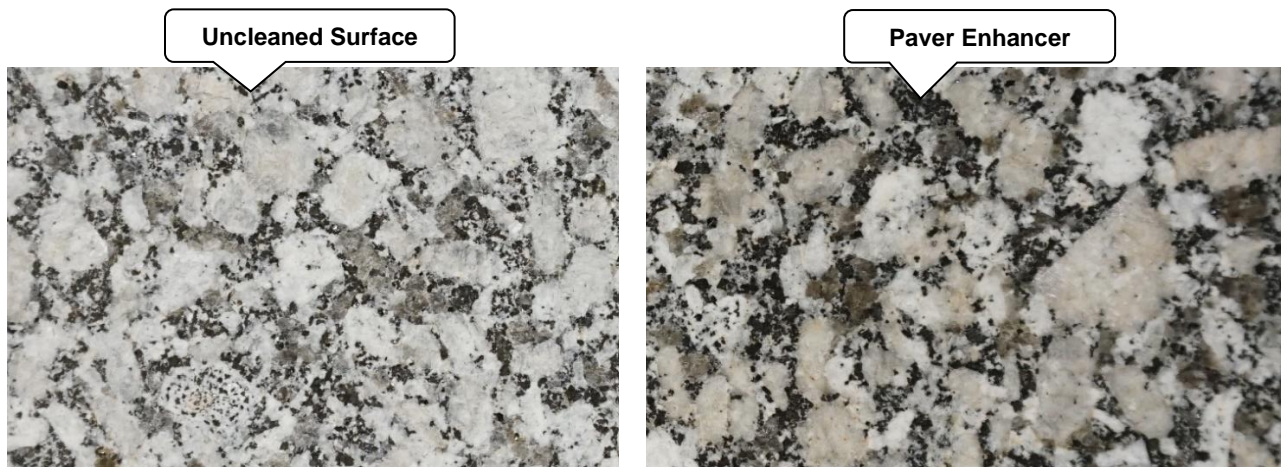
"Rainbow" Honed Granite After Application



TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)

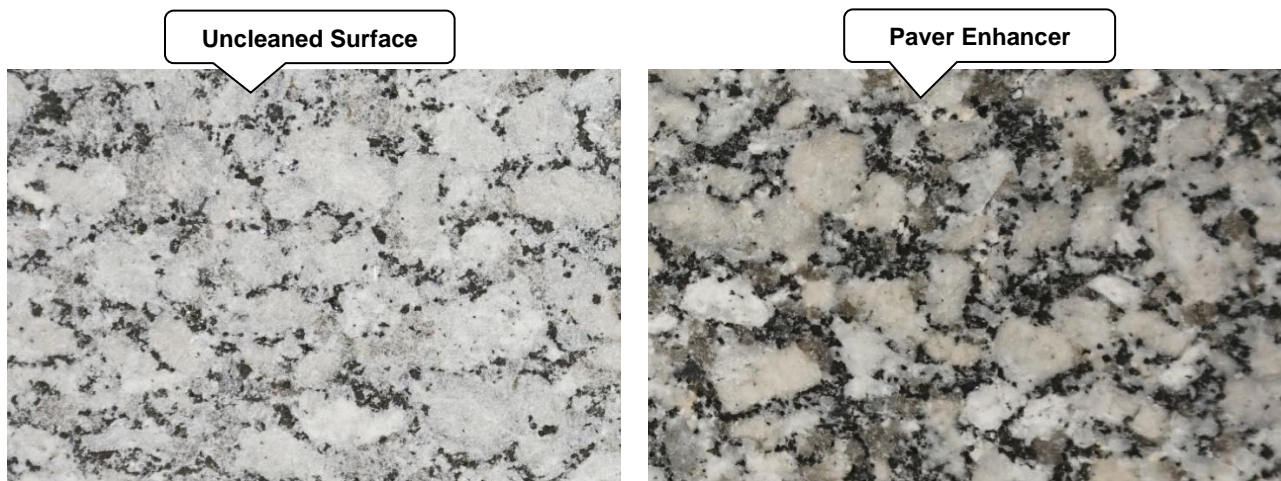
"Rockville White" – Thermal Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	1	0

"Rockville White" Thermal Granite After Application



"Rockville White" – Sanded Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

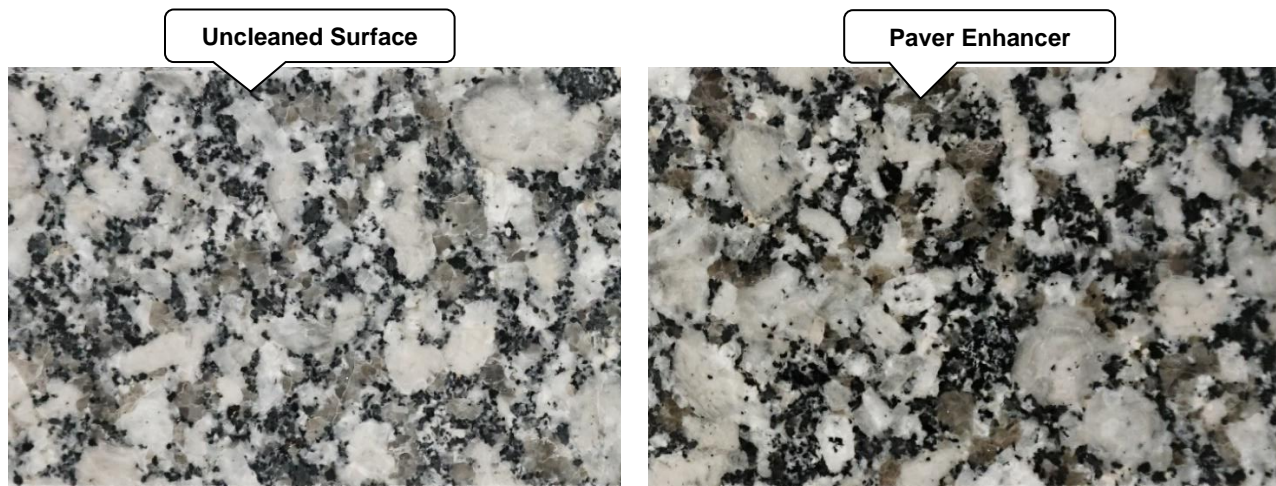
"Rockville White" Sanded Granite After Application



TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)

"Rockville White" – Honed Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

"Rockville White" Honed Granite After Application



"Sierra White" – Thermal Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	1	0

"Sierra White" Thermal Granite After Application



TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)

"Sierra White" – Sanded Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	1	0

"Sierra White" Sanded Granite After Application



"Sierra White" – Honed Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	1	0

"Sierra White" Honed Granite After Application



TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)

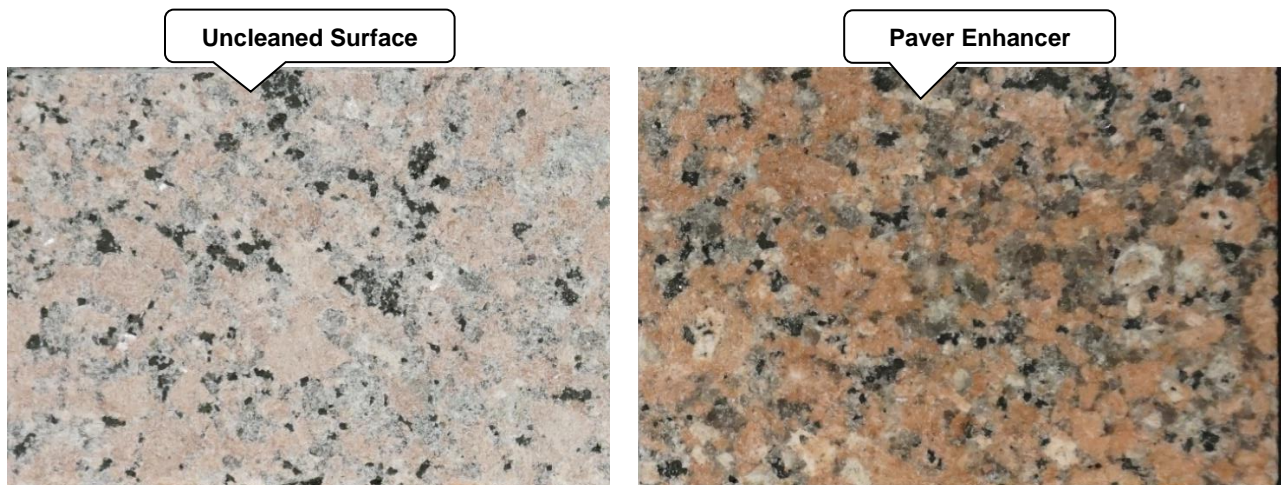
"Sunset Red" – Thermal Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	1	0

"Sunset Red" Thermal Granite After Application



"Sunset Red" – Sanded Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

"Sunset Red" Sanded Granite After Application



TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)

“Sunset Red” – Honed Granite	Color Enhancement	Sheen Enhancement
PROSOCO® Paver Kare® Paver Enhancer	2	0

“Sunset Red” Honed Granite After Application



CONCLUSIONS – Color and Sheen Enhancement

PROSOCO® Paver Kare® Paver Enhancer provided a range of color enhancement results, from slight to significant depending on the sample. No sheen enhancement was observed.

Note: The polished samples were omitted from color and sheen enhancement testing due to the density of each sample. Additionally, the honed samples required less treatment during application. Excess material was removed using a microfiber cloth to ensure overapplication did not occur.

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

RECOMMENDATIONS: Color and Sheen Enhancement

Recommendations for color and sheen enhancement for each applicable type of granite submitted by Coldspring, Cold Spring, MN are provided in the chart below. Recommendations are based on the treatment(s) that proved most effective.

Sample	Color and Sheen Enhancement
"Academy Black" – Thermal, Sanded, and Honed Granite	PROSOCO® Paver Kare® Paver Enhancer
"Carnelian" – Thermal, Sanded, and Honed Granite	
"Charcoal Black" – Thermal, Sanded, and Honed Granite	
"Iridian" – Thermal, Sanded, and Honed Granite	
"Mesabi Black" – Thermal, Sanded, and Honed Granite	
"Rainbow" – Thermal, Sanded, and Honed Granite	
"Rockville White" – Thermal, Sanded, and Honed Granite	
"Sierra White" – Thermal, Sanded, and Honed Granite	
"Sunset Red" – Thermal, Sanded, and Honed Granite	
"Academy Black" – Polished Granite	Not Applicable
"Carnelian" – Polished Granite	
"Charcoal Black" – Polished Granite	
"Iridian" – Polished Granite	
"Mesabi Black" – Polished Granite	
"Rainbow" – Polished Granite	
"Rockville White" – Polished Granite	
"Sierra White" – Polished Granite	
"Sunset Red" – Polished Granite	

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 treatment and procedures for a particular project. See product literature for additional application and product information.

TEST METHODS: Protective Water Repellents

Water Absorption Tube Test: Horizontal RILEM II.4, 5.0 milliliters, 20 minutes

The water absorption tube test simulating wind driven rain conditions was performed on the submitted samples. Tests were run with 5.0-milliliter head pressures. Filled to 5.0 milliliters, a water absorption tube produces a 103 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 AND PHOTOGRAPHS: Protective Water Repellents

Water Absorption Tube Test: Horizontal RILEM II.4, 5.0 milliliters, 20 minutes

AA = Above Average **A** = Average **BA** = Below Average

"Academy Black" – Thermal Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Academy Black" – Sanded Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Academy Black" – Honed Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Academy Black" – Polished Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>

TEST RESULTS AND PHOTOGRAPHS: Protective Water Repellents (cont.)

Water Absorption Tube Test: Horizontal RILEM II.4, 5.0 milliliters, 20 minutes

AA = Above Average **A** = Average **BA** = Below Average

"Carnelian" – Thermal Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Carnelian" – Sanded Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Carnelian" – Honed Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Carnelian" – Polished Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>

TEST RESULTS AND PHOTOGRAPHS: Protective Water Repellents (cont.)

Water Absorption Tube Test: Horizontal RILEM II.4, 5.0 milliliters, 20 minutes

AA = Above Average **A** = Average **BA** = Below Average

"Charcoal Black" – Thermal Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Charcoal Black" – Sanded Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Charcoal Black" – Honed Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Charcoal Black" – Polished Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>

TEST RESULTS AND PHOTOGRAPHS: Protective Water Repellents (cont.)

Water Absorption Tube Test: Horizontal RILEM II.4, 5.0 milliliters, 20 minutes

AA = Above Average **A** = Average **BA** = Below Average

"Iridian" – Thermal Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Iridian" – Sanded Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Iridian" – Honed Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Iridian" – Polished Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>

TEST RESULTS AND PHOTOGRAPHS: Protective Water Repellents (cont.)

Water Absorption Tube Test: Horizontal RILEM II.4, 5.0 milliliters, 20 minutes

AA = Above Average **A** = Average **BA** = Below Average

"Mesabi Black" – Thermal Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Mesabi Black" – Sanded Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Mesabi Black" – Honed Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Mesabi Black" – Polished Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>

TEST RESULTS AND PHOTOGRAPHS: Protective Water Repellents (cont.)

Water Absorption Tube Test: Horizontal RILEM II.4, 5.0 milliliters, 20 minutes

AA = Above Average A = Average BA = Below Average

"Rainbow" – Thermal Granite	Results in mL loss	Ranking
Untreated Control	-0.1	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Rainbow" – Sanded Granite	Results in mL loss	Ranking
Untreated Control	-0.1	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Rainbow" – Honed Granite	Results in mL loss	Ranking
Untreated Control	-0.1	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Rainbow" – Polished Granite	Results in mL loss	Ranking
Untreated Control	-0.1	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>

TEST RESULTS AND PHOTOGRAPHS: Protective Water Repellents (cont.)

Water Absorption Tube Test: Horizontal RILEM II.4, 5.0 milliliters, 20 minutes

AA = Above Average **A** = Average **BA** = Below Average

"Rockville White" – Thermal Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.1	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Rockville White" – Sanded Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.1	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Rockville White" – Honed Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.1	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Rockville White" – Polished Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>

TEST RESULTS AND PHOTOGRAPHS: Protective Water Repellents (cont.)

Water Absorption Tube Test: Horizontal RILEM II.4, 5.0 milliliters, 20 minutes

AA = Above Average **A** = Average **BA** = Below Average

"Sierra White" – Thermal Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Sierra White" – Sanded Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Sierra White" – Honed Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Sierra White" – Polished Granite	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>

TEST RESULTS AND PHOTOGRAPHS: Protective Water Repellents (cont.)

Water Absorption Tube Test: Horizontal RILEM II.4, 5.0 milliliters, 20 minutes

AA = Above Average A = Average BA = Below Average

"Sunset Red" – Thermal Granite	Results in mL loss	Ranking
Untreated Control	-0.1	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Sunset Red" – Sanded Granite	Results in mL loss	Ranking
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Sunset Red" – Honed Granite	Results in mL loss	Ranking
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>
PROSOCO® Paver Kare® Paver Enhancer	-0.0	<u>AA</u>

"Sunset Red" – Polished Granite	Results in mL loss	Ranking
Untreated Control	-0.0	--
PROSOCO® SL100 Water Repellent	-0.0	<u>AA</u>
PROSOCO® SLX100® Water & Oil Repellent	-0.0	<u>AA</u>

CONCLUSIONS: Protective Water Repellents

Based on the laboratory evaluations, all of the treatments provided good water repellent protection to the submitted samples.

PROSOCO® SL100 Water Repellent caused no change to the appearance of the submitted samples. PROSOCO® SLX100® Water & Oil Repellent and PROSOCO® Stand Off® Stone, Tile & Masonry Protector color enhancement ranged from zero to very slight depending on the sample and treatment. Please refer to the "Color and Sheen Enhancement" section of the report for PROSOCO® Paver Kare® Paver Enhancer appearance information.

RECOMMENDATIONS: Water Repellency

Recommendations for water repellency for each applicable type of granite submitted by Coldspring, Cold Spring, MN are provided in the chart below. Recommendations are based on the treatment(s) that proved most effective.

Sample	Water Repellency
"Academy Black" – Thermal, Sanded, and Honed Granite	PROSOCO® SL100 Water Repellent OR PROSOCO® SLX100® Water & Oil Repellent OR PROSOCO® Paver Kare® Paver Enhancer
"Carnelian" – Thermal, Sanded, and Honed Granite	
"Charcoal Black" – Thermal, Sanded, and Honed Granite	
"Iridian" – Thermal, Sanded, and Honed Granite	
"Mesabi Black" – Thermal, Sanded, and Honed Granite	
"Rainbow" – Thermal, Sanded, and Honed Granite	
"Rockville White" – Thermal, Sanded, and Honed Granite	
"Sierra White" – Thermal, Sanded, and Honed Granite	
"Sunset Red" – Thermal, Sanded, and Honed Granite	
"Academy Black" – Polished Granite	PROSOCO® SL100 Water Repellent OR PROSOCO® SLX100® Water & Oil Repellent
"Carnelian" – Polished Granite	
"Charcoal Black" – Polished Granite	
"Iridian" – Polished Granite	
"Mesabi Black" – Polished Granite	
"Rainbow" – Polished Granite	
"Rockville White" – Polished Granite	
"Sierra White" – Polished Granite	
"Sunset Red" – Polished Granite	

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 treatment and procedures for a particular project. See product literature for additional application and product information.

TEST METHODS: Graffiti Resistance

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

All of the polished samples were omitted from PROSOCO® Defacer Eraser® Sacrificial Coating SC-1 testing. Due to the density of each polished sample, PROSOCO® Defacer Eraser® Sacrificial Coating SC-1 was unable to penetrate the samples and left a white haze on the surface. The untreated control for all polished samples was still tested.

Spray paint and markers were applied as graffiti agents to the untreated and treated surfaces five days after application of PROSOCO® Defacer Eraser® Sacrificial Coating SC-1. Removal of the graffiti agents was attempted 24 hours after application of the graffiti agents, using Enviro Klean® SafStrip® and Defacer Eraser® Graffiti Remover.

Chemical cleaners were evaluated using the following procedure:

1. Apply the product to a dry surface, soiled with graffiti.
2. Allow appropriate dwell time:
 SafStrip®..... 30 minutes
 Graffiti Remover 5 minutes
3. 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 AND PHOTOGRAPHS: Graffiti Resistance

“Academy Black” – Thermal Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	80%	100%	80%	90%	88%
Graffiti Remover	80%	100%	80%	90%	88%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	80%	100%	100%	100%	95%
Graffiti Remover	95%	100%	90%	100%	96%

“Academy Black” – Sanded Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	70%	100%	90%	70%	83%
Graffiti Remover	80%	90%	90%	90%	88%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	70%	100%	100%	100%	93%
Graffiti Remover	95%	100%	100%	100%	99%

“Academy Black” – Honed Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	90%	100%	100%	100%	98%
Graffiti Remover	100%	100%	90%	100%	98%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	100%	100%	100%
Graffiti Remover	100%	100%	100%	100%	100%

“Academy Black” – Polished Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	100%	100%	100%
Graffiti Remover	100%	100%	100%	100%	100%

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

“Carnelian” – Thermal Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	90%	90%	70%	90%	85%
Graffiti Remover	80%	90%	70%	90%	83%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	90%	100%	90%	100%	95%
Graffiti Remover	95%	100%	80%	100%	94%

“Carnelian” – Sanded Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	60%	80%	70%	80%	73%
Graffiti Remover	60%	80%	70%	80%	73%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	80%	100%	90%	95%	91%
Graffiti Remover	100%	100%	90%	95%	96%

“Carnelian” – Honed Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	100%	100%	100%
Graffiti Remover	100%	100%	100%	100%	100%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	90%	100%	100%	100%	98%
Graffiti Remover	100%	100%	100%	100%	100%

“Carnelian” – Polished Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	100%	100%	100%
Graffiti Remover	100%	100%	100%	100%	100%

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

“Charcoal Black” – Thermal Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	90%	90%	70%	80%	83%
Graffiti Remover	80%	90%	70%	80%	80%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	70%	100%	90%	100%	90%
Graffiti Remover	95%	100%	80%	100%	94%

“Charcoal Black” – Sanded Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	70%	100%	90%	90%	88%
Graffiti Remover	70%	95%	80%	80%	81%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	80%	100%	90%	100%	93%
Graffiti Remover	98%	100%	90%	100%	97%

“Charcoal Black” – Honed Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	90%	100%	100%	100%	98%
Graffiti Remover	100%	100%	100%	100%	100%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	95%	100%	100%	100%	99%
Graffiti Remover	100%	100%	100%	100%	100%

“Charcoal Black” – Polished Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	100%	100%	100%
Graffiti Remover	95%	100%	90%	100%	96%

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

"Iridian" – Thermal Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	80%	50%	50%	50%	58%
Graffiti Remover	80%	50%	50%	50%	58%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	90%	70%	60%	90%	78%
Graffiti Remover	90%	70%	60%	90%	78%

"Iridian" – Sanded Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	70%	60%	60%	60%	63%
Graffiti Remover	60%	60%	60%	60%	60%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	70%	95%	80%	95%	85%
Graffiti Remover	90%	90%	80%	95%	89%

"Iridian" – Honed Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	80%	90%	93%
Graffiti Remover	100%	100%	80%	100%	95%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	90%	100%	100%	100%	98%
Graffiti Remover	100%	100%	100%	100%	100%

"Iridian" – Polished Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	95%	100%	99%
Graffiti Remover	100%	100%	90%	100%	98%

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

“Mesabi Black” – Thermal Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	70%	100%	80%	90%	85%
Graffiti Remover	70%	100%	60%	90%	80%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	90%	100%	90%	100%	95%
Graffiti Remover	95%	100%	80%	95%	93%

“Mesabi Black” – Sanded Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	70%	95%	90%	80%	84%
Graffiti Remover	70%	95%	90%	90%	86%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	90%	100%	95%	100%	96%
Graffiti Remover	95%	100%	95%	100%	98%

“Mesabi Black” – Honed Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	100%	100%	100%
Graffiti Remover	100%	100%	80%	100%	95%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	90%	100%	100%	100%	98%
Graffiti Remover	100%	100%	100%	100%	100%

“Mesabi Black” – Polished Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	95%	100%	99%
Graffiti Remover	100%	100%	95%	100%	99%

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

“Rainbow” – Thermal Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	70%	80%	60%	70%	70%
Graffiti Remover	70%	80%	60%	70%	70%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	90%	100%	80%	100%	93%
Graffiti Remover	90%	100%	80%	100%	93%

“Rainbow” – Sanded Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	70%	100%	90%	90%	88%
Graffiti Remover	70%	90%	90%	90%	85%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	70%	100%	100%	100%	93%
Graffiti Remover	100%	100%	95%	100%	99%

“Rainbow” – Honed Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	100%	100%	100%
Graffiti Remover	100%	100%	100%	100%	100%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	100%	100%	100%
Graffiti Remover	100%	100%	100%	100%	100%

“Rainbow” – Polished Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	100%	100%	100%
Graffiti Remover	100%	100%	100%	100%	100%

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

“Rockville White” – Thermal Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	80%	50%	50%	50%	58%
Graffiti Remover	80%	50%	50%	50%	58%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	80%	90%	70%	90%	83%
Graffiti Remover	90%	90%	70%	90%	85%

“Rockville White” – Sanded Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	80%	70%	70%	70%	73%
Graffiti Remover	80%	70%	70%	70%	73%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	80%	100%	90%	100%	93%
Graffiti Remover	95%	100%	90%	95%	95%

“Rockville White” – Honed Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	80%	90%	93%
Graffiti Remover	100%	100%	80%	100%	95%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	90%	100%	100%	100%	98%
Graffiti Remover	100%	100%	100%	100%	100%

“Rockville White” – Polished Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	95%	100%	95%	95%	96%
Graffiti Remover	95%	100%	90%	95%	95%

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

“Sierra White” – Thermal Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	80%	50%	50%	50%	58%
Graffiti Remover	70%	50%	50%	50%	55%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	80%	95%	80%	80%	84%
Graffiti Remover	95%	95%	90%	90%	93%

“Sierra White” – Sanded Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	60%	60%	60%	60%	60%
Graffiti Remover	60%	60%	60%	60%	60%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	20%	95%	80%	90%	71%
Graffiti Remover	90%	95%	80%	95%	90%

“Sierra White” – Honed Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	100%	100%	100%
Graffiti Remover	100%	95%	95%	95%	96%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	80%	100%	100%	100%	95%
Graffiti Remover	100%	100%	100%	100%	100%

“Sierra White” – Polished Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	98%	98%	99%
Graffiti Remover	100%	90%	70%	70%	83%

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

"Sunset Red" – Thermal Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	80%	60%	50%	60%	63%
Graffiti Remover	80%	60%	50%	60%	63%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	90%	100%	80%	90%	90%
Graffiti Remover	100%	90%	70%	100%	90%

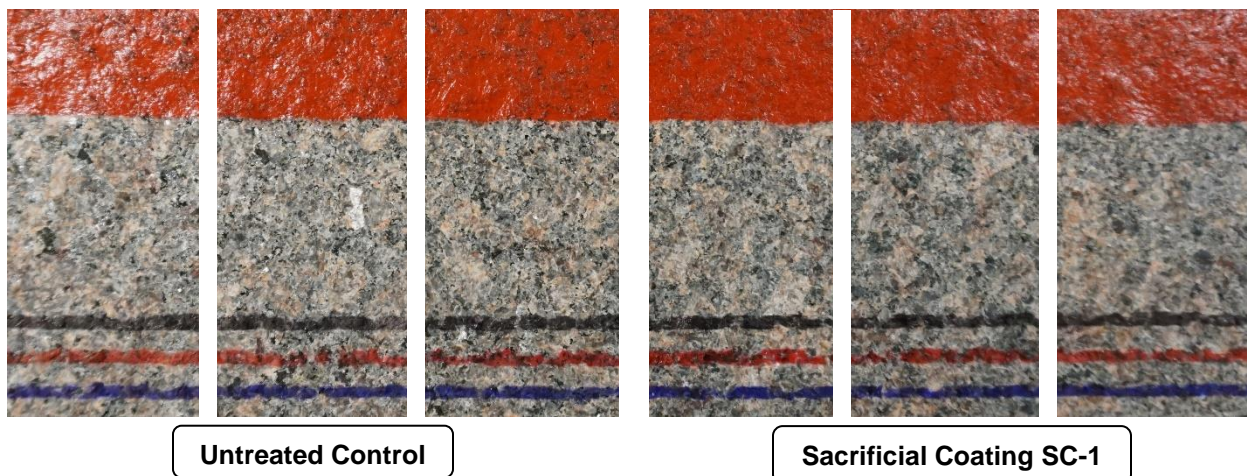
"Sunset Red" – Sanded Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	80%	70%	60%	70%	70%
Graffiti Remover	80%	70%	60%	70%	70%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	80%	100%	80%	100%	90%
Graffiti Remover	100%	100%	80%	100%	95%

"Sunset Red" – Honed Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	100%	100%	100%
Graffiti Remover	100%	100%	100%	100%	100%
Sacrificial Coating SC-1	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	90%	100%	100%	100%	98%
Graffiti Remover	100%	100%	100%	100%	100%

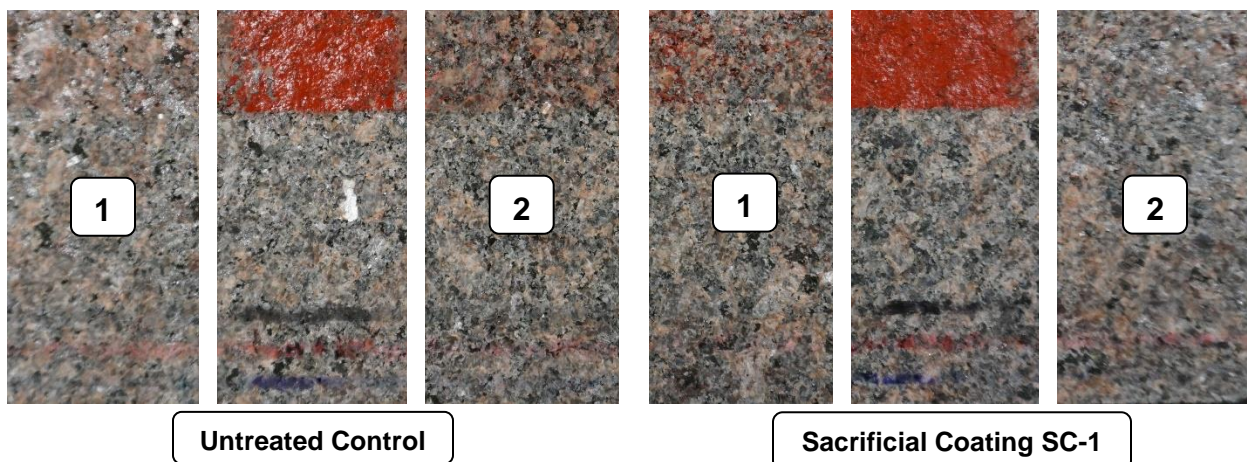
"Sunset Red" – Polished Granite					
Untreated Control	Red Paint	Black Marker	Red Marker	Blue Marker	% Avg. Removal
SafStrip®	100%	100%	95%	100%	99%
Graffiti Remover	100%	100%	90%	100%	98%

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

“Carnelian” – Thermal Granite With Graffiti



“Carnelian” – Thermal Granite After Graffiti Testing



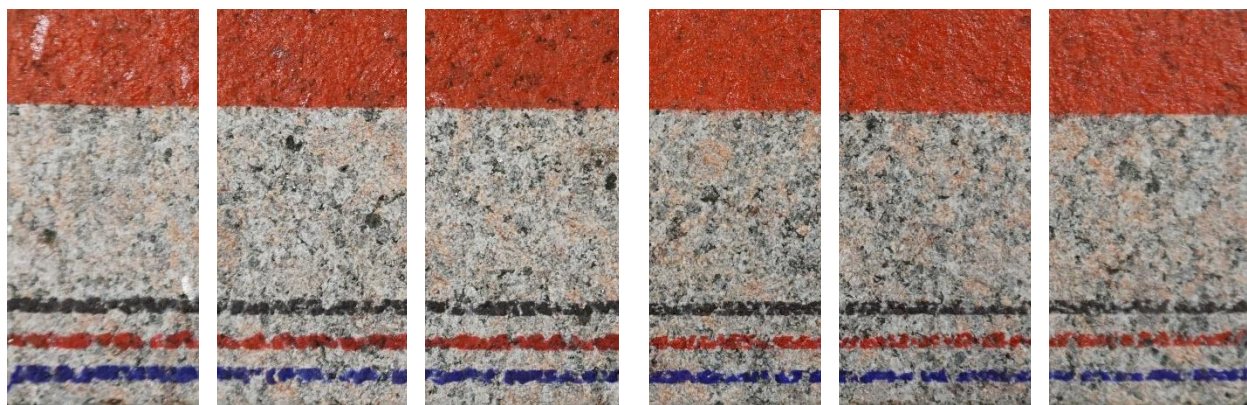
KEY

1 = SafStrip®

2 = Graffiti Remover

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

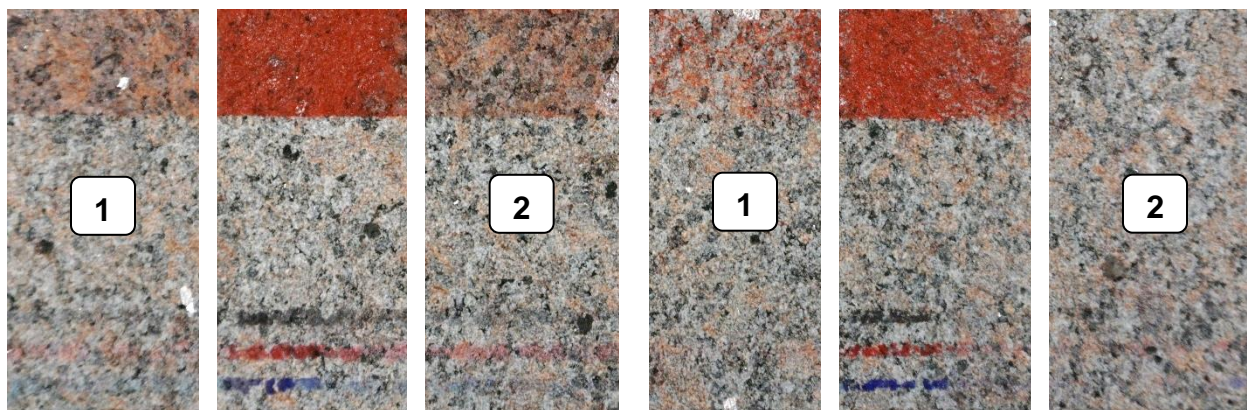
“Carnelian” – Sanded Granite With Graffiti



Untreated Control

Sacrificial Coating SC-1

“Carnelian” – Sanded Granite After Graffiti Testing



Untreated Control

Sacrificial Coating SC-1

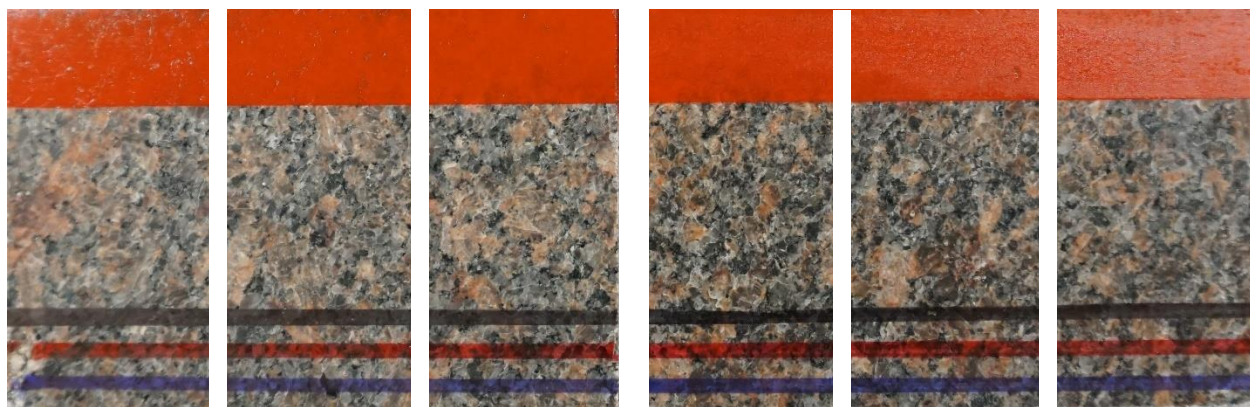
KEY

1 = SafStrip®

2 = Graffiti Remover

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

“Carnelian” – Honed Granite With Graffiti



Untreated Control

Sacrificial Coating SC-1

“Carnelian” – Honed Granite After Graffiti Testing



Untreated Control

Sacrificial Coating SC-1

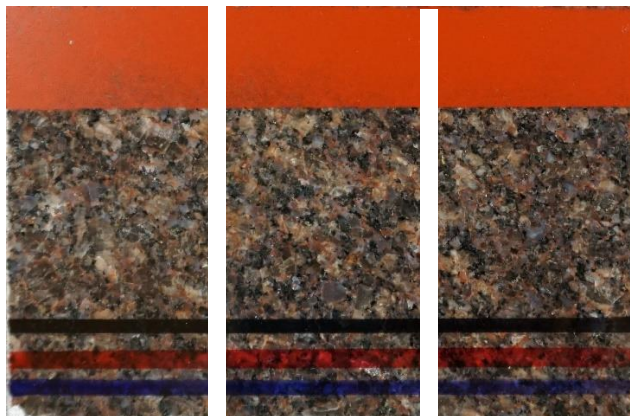
KEY

1 = SafStrip®

2 = Graffiti Remover

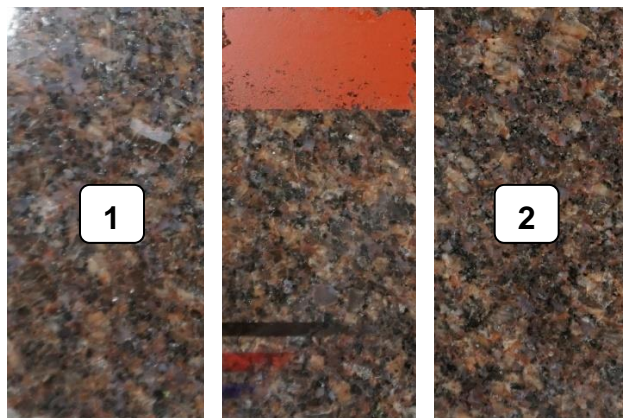
TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

“Carnelian” – Polished Granite With Graffiti



Untreated Control

“Carnelian” – Polished Granite After Graffiti Testing



Untreated Control

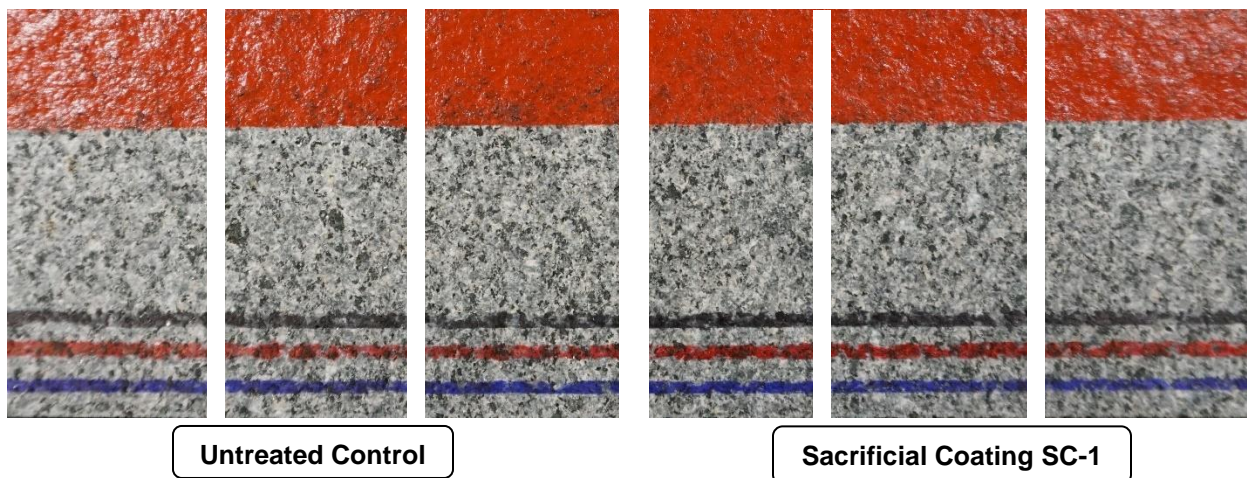
KEY

1 = SafStrip®

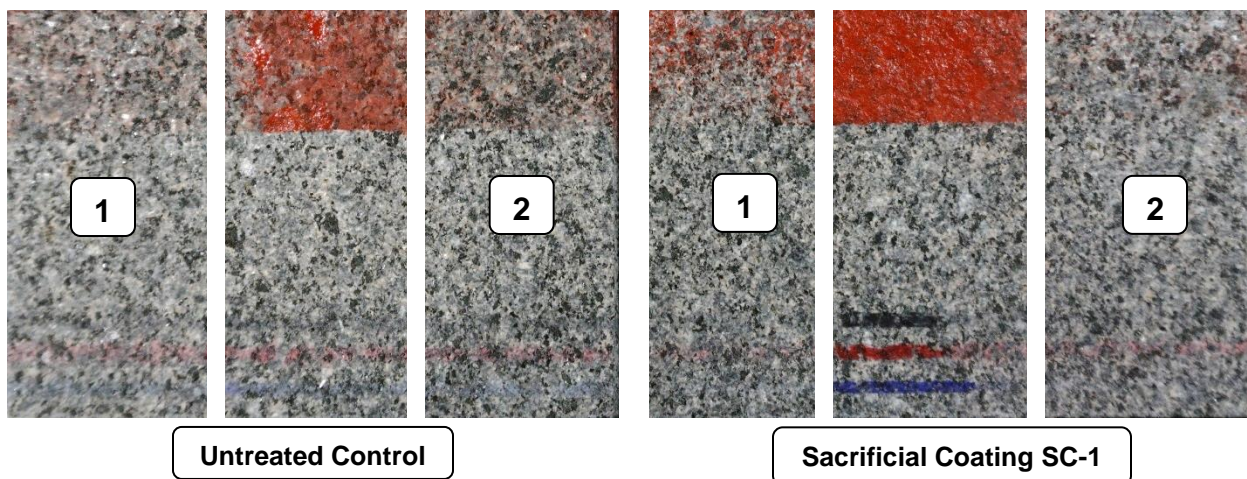
2 = Graffiti Remover

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

“Charcoal Black” – Thermal Granite With Graffiti



“Charcoal Black” – Thermal Granite After Graffiti Testing



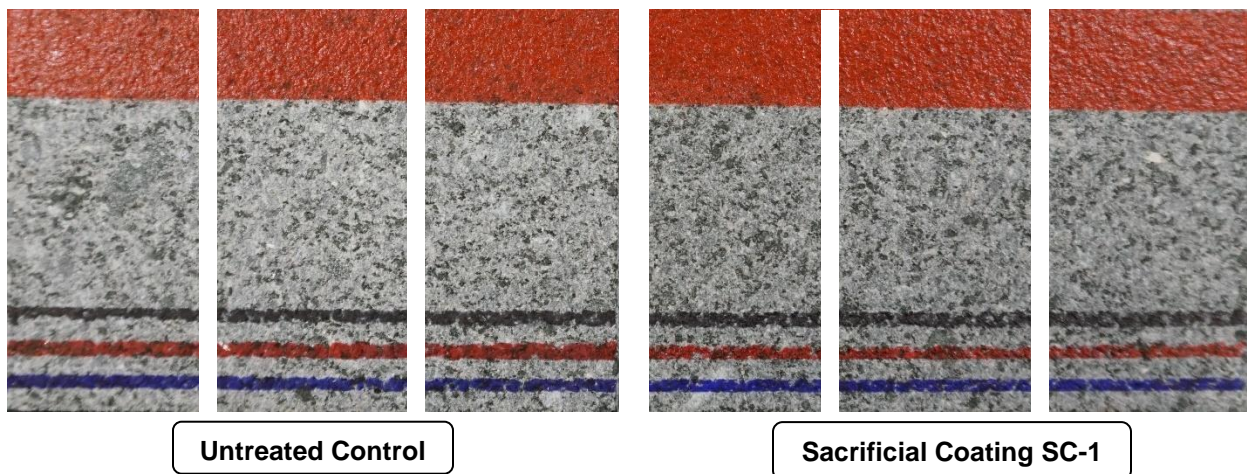
KEY

1 = SafStrip®

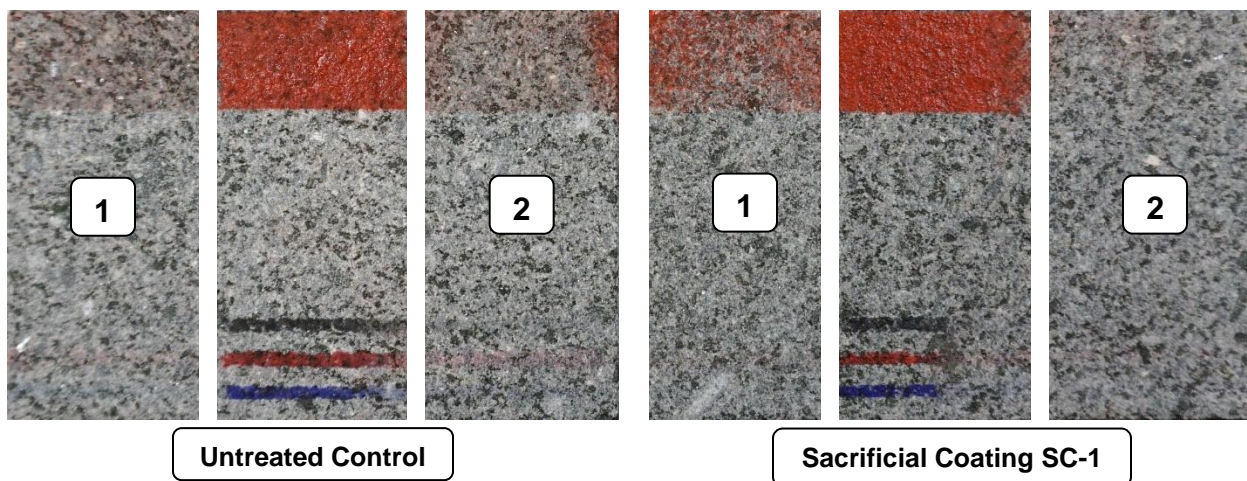
2 = Graffiti Remover

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

“Charcoal Black” – Sanded Granite With Graffiti



“Charcoal Black” – Sanded Granite After Graffiti Testing



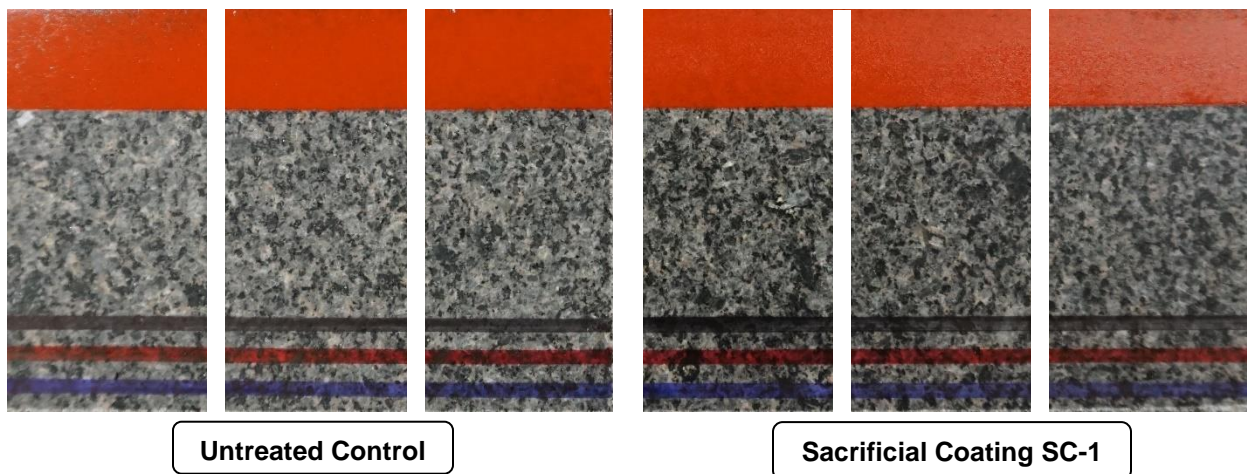
KEY

1 = SafStrip®

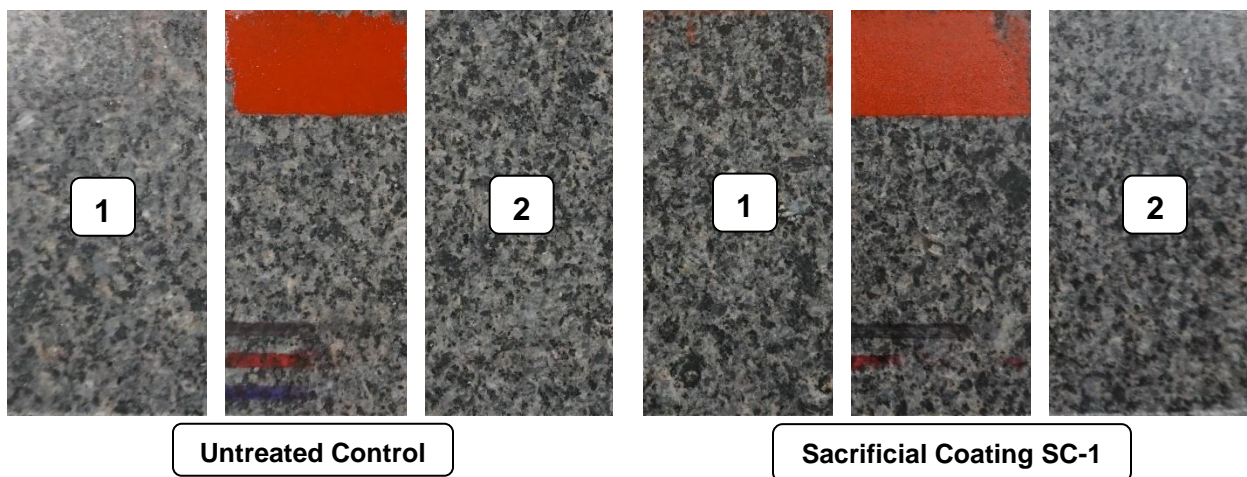
2 = Graffiti Remover

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

“Charcoal Black” – Honed Granite With Graffiti



“Charcoal Black” – Honed Granite After Graffiti Testing



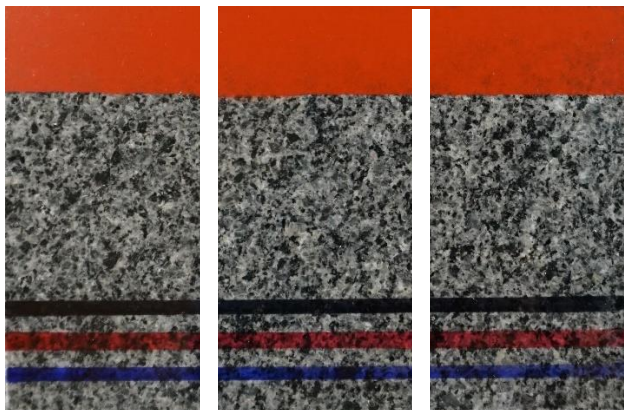
KEY

1 = SafStrip®

2 = Graffiti Remover

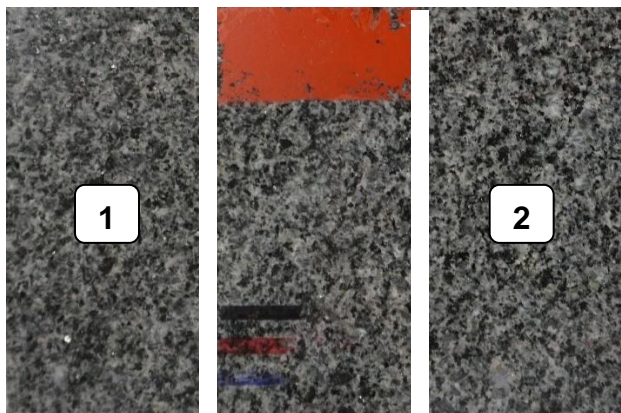
TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

“Charcoal Black” – Polished Granite With Graffiti



Untreated Control

“Charcoal Black” – Polished Granite After Graffiti Testing



Untreated Control

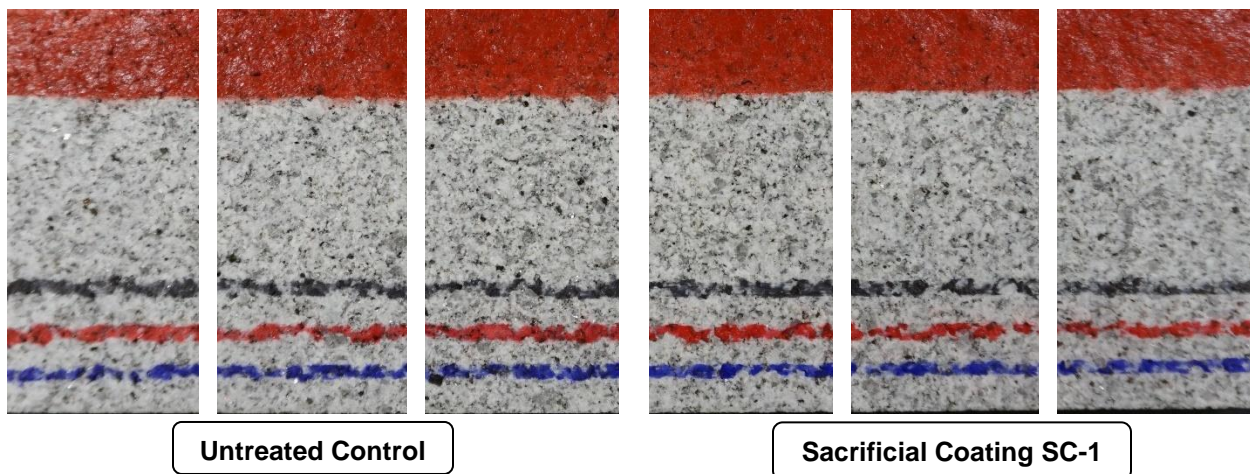
KEY

1 = SafStrip®

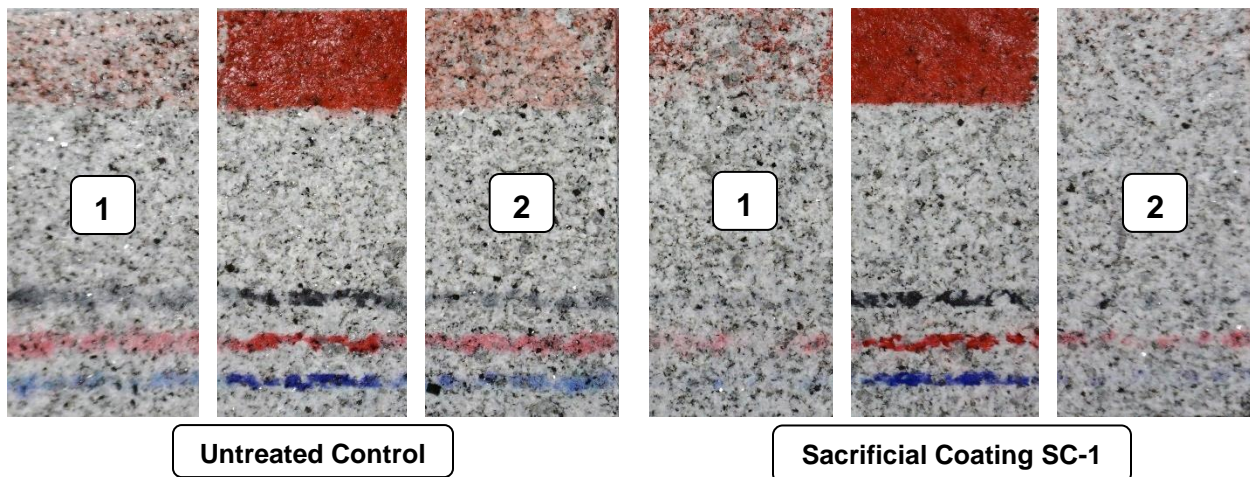
2 = Graffiti Remover

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

“Sierra White” – Thermal Granite With Graffiti



“Sierra White” – Thermal Granite After Graffiti Testing



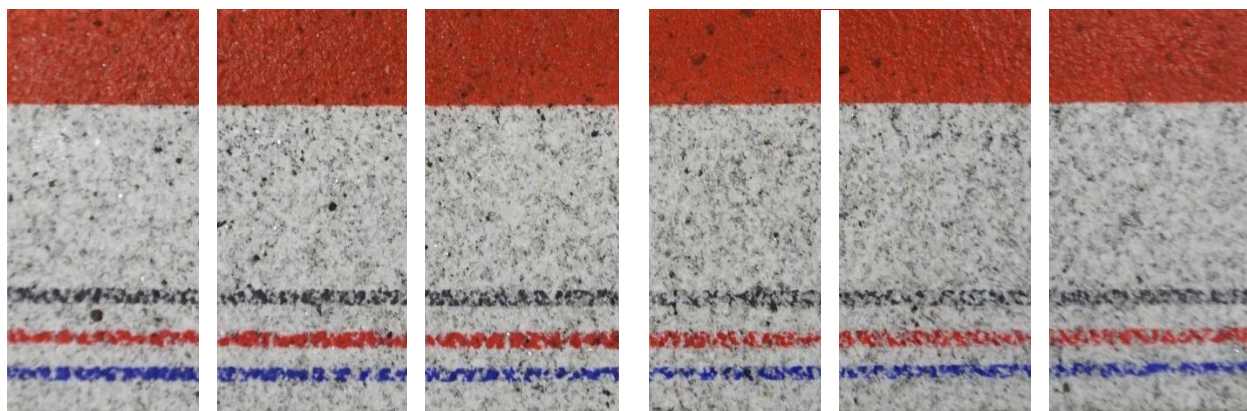
KEY

1 = SafStrip®

2 = Graffiti Remover

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

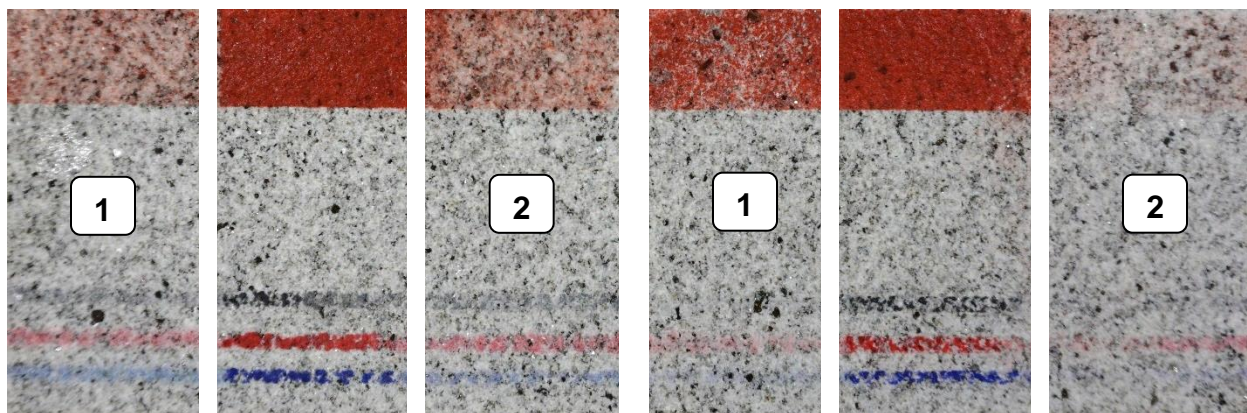
“Sierra White” – Sanded Granite With Graffiti



Untreated Control

Sacrificial Coating SC-1

“Sierra White” – Sanded Granite After Graffiti Testing



Untreated Control

Sacrificial Coating SC-1

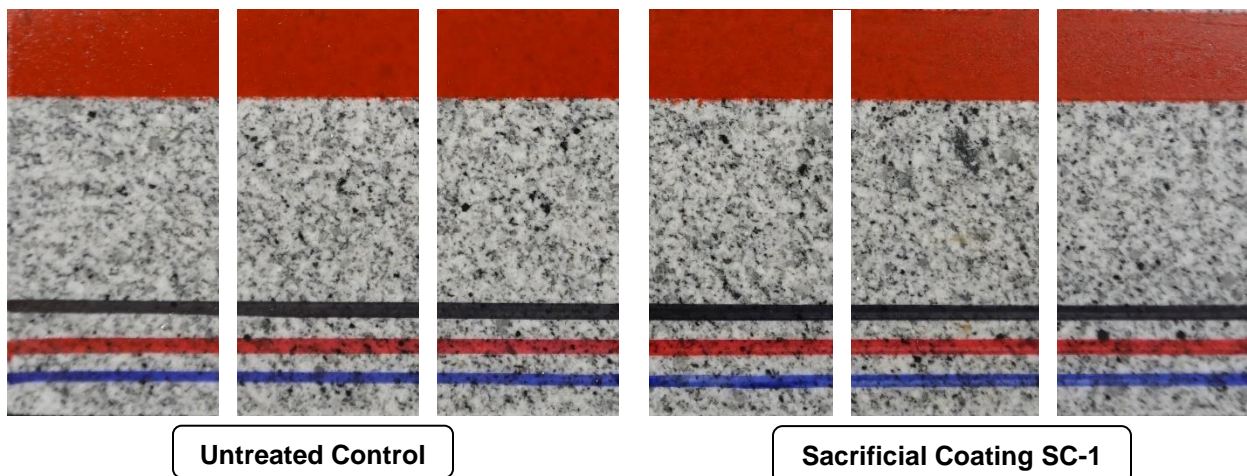
KEY

1 = SafStrip®

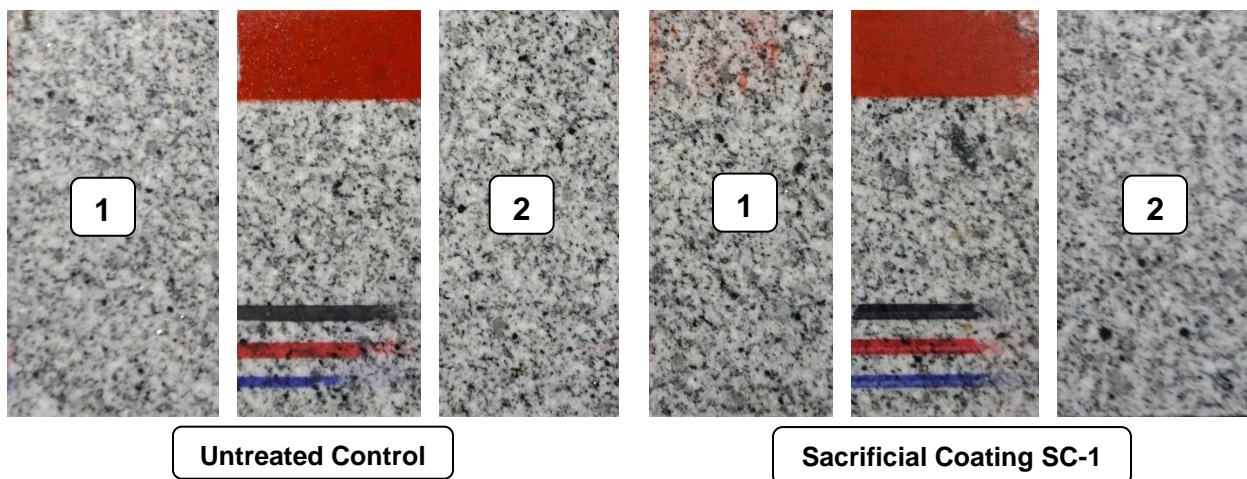
2 = Graffiti Remover

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

“Sierra White” – Honed Granite With Graffiti



“Sierra White” – Honed Granite After Graffiti Testing



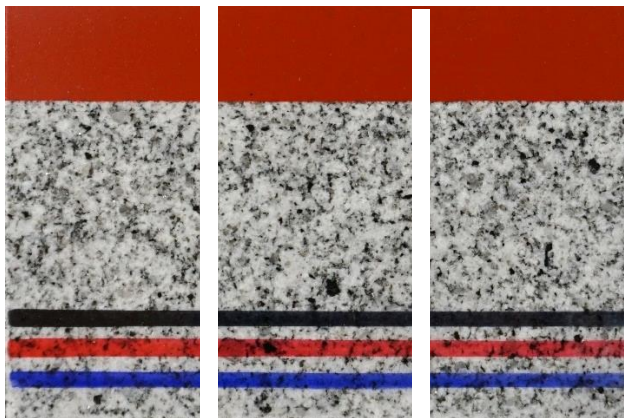
KEY

1 = SafStrip®

2 = Graffiti Remover

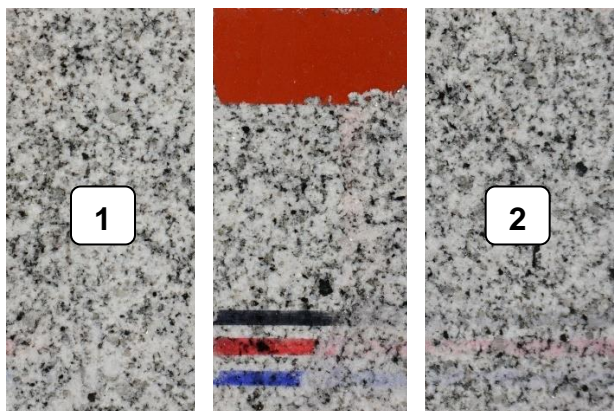
TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

“Sierra White” – Polished Granite With Graffiti



Untreated Control

“Sierra White” – Polished Granite After Graffiti Testing



Untreated Control

KEY

1 = SafStrip®

2 = Graffiti Remover

CONCLUSIONS: Graffiti Resistance

Based on the laboratory evaluations, graffiti removal was improved when the submitted samples were treated with PROSOCO® Defacer Eraser® Sacrificial Coating SC-1.

Enviro Klean® SafStrip® and Defacer Eraser® Graffiti Remover were both effective at removing the graffiti from the submitted samples.

Worth noting, PROSOCO® Defacer Eraser® Sacrificial Coating SC-1 caused a range of color enhancement depending on the sample, from no enhancement to moderate enhancement. Most often zero to slight color enhancement was observed.

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

RECOMMENDATIONS: Graffiti Resistance

Recommendations for graffiti control for each applicable type of granite submitted by Coldspring, Cold Spring, MN are provided in the chart below. Recommendations are based on the treatment(s) that proved most effective on average for providing graffiti repellency and the product that was most effective on average at removing the graffiti on all types submitted.

Sample	Graffiti Resistance
"Academy Black" – Thermal, Sanded, and Honed Granite	<p><u>Graffiti Repellents</u> PROSOCO® Defacer Eraser® Sacrificial Coating SC-1</p> <p><u>Graffiti Removers</u> ²Enviro Klean® SafStrip® OR ¹Defacer Eraser® Graffiti Remover</p>
"Carnelian" – Thermal, Sanded, and Honed Granite	
"Charcoal Black" – Thermal, Sanded, and Honed Granite	
"Iridian" – Thermal, Sanded, and Honed Granite	
"Mesabi Black" – Thermal, Sanded, and Honed Granite	
"Rainbow" – Thermal, Sanded, and Honed Granite	
"Rockville White" – Thermal, Sanded, and Honed Granite	
"Sierra White" – Thermal, Sanded, and Honed Granite	
"Sunset Red" – Thermal, Sanded, and Honed Granite	
"Academy Black" – Polished Granite	<p><u>Graffiti Removers</u> ¹Enviro Klean® SafStrip® OR ²Defacer Eraser® Graffiti Remover</p>
"Carnelian" – Polished Granite	
"Charcoal Black" – Polished Granite	
"Iridian" – Polished Granite	
"Mesabi Black" – Polished Granite	
"Rainbow" – Polished Granite	
"Rockville White" – Polished Granite	
"Sierra White" – Polished Granite	
"Sunset Red" – Polished Granite	

NOTE: "1" indicates the most effective product and "2" indicates the second most effective product.

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.

SAMPLE PREPARATION: Treatments

Each stain repellent was applied in accordance with the current PROSOCO, Inc. Product Date Sheet instructions. The treatments were allowed to cure for at least 72 hours prior to the stain testing described below.

NOTE: Due to the density of the polished granite samples, PROSOCO® Stand Off® Stone, Tile & Masonry Protector (STMP) was unable to penetrate the surface of the stone. Therefore, the treatment was not evaluated for the polished granite samples.

TEST METHODS: Surface Beading Evaluation

Food and Oil Products Evaluated for Stain Testing:

Coca Cola
Ketchup
Mustard
Red wine
Balsamic vinegar
Soy sauce
Olive oil
Mineral oil
Coffee

Temperature:

ambient (~70°F)
ambient (~70°F)
ambient (~70°F)
ambient (~70°F)
ambient (~70°F)
ambient (~70°F)
ambient (~70°F)
ambient (~70°F)
120°F

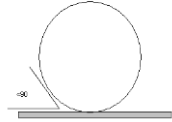
The food and oil products were applied to the test areas by using a dropper creating a bead 0.5 – 1.0 cm in diameter. The beading properties of the oils and liquids were visually evaluated within two minutes after application. The results are reported as a rating based on the angle of contact between the base of the droplet and the substrate. A rating of “1 or 2” indicated the smallest angle of contact (<90°) which correlates to “above average” repellency. A rating of “3 or 4” indicates “average” repellency. A rating of “5 or greater” indicated that the 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 blob and not evaluated for their beading properties.

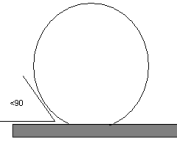
TEST METHODS: Surface Beading Evaluation (cont.)

Rating System (1-5)

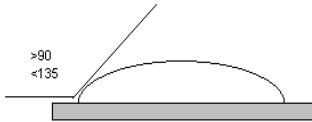
1. No wetting of contact area (no darkening); angle less than 90°



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.



TEST RESULTS: Surface Beading Evaluation

All Thermal Granite Samples			
	Untreated	SLX100	STMP
Coca Cola	4	3	3
Ketchup	N/A	N/A	N/A
Mustard	N/A	N/A	N/A
Red Wine	4	3	4
Bals. Vin.	4	3	4
Soy Sauce	4	3	4
Olive Oil	5	3	3
Mineral Oil	5	3	3
Hot Coffee	4	3	3

All Sanded Granite Samples			
	Untreated	SLX100	STMP
Coca Cola	4	3	3
Ketchup	N/A	N/A	N/A
Mustard	N/A	N/A	N/A
Red Wine	4	3	3
Bals. Vin.	4	3	3
Soy Sauce	4	3	3
Olive Oil	5	3	3
Mineral Oil	5	3	3
Hot Coffee	4	3	3

N/A – non-free flowing staining agent

TEST RESULTS: Surface Beading Evaluation (cont.)

All Honed Granite Samples			
	Untreated	SLX100	STMP
Coca Cola	4	3	3
Ketchup	N/A	N/A	N/A
Mustard	N/A	N/A	N/A
Red Wine	4	3	3
Bals. Vin.	4	3	3
Soy Sauce	4	3	3
Olive Oil	5	3	3
Mineral Oil	5	3	3
Hot Coffee	4	3	3

All Polished Granite Samples		
	Untreated	SLX100
Coca Cola	4	3
Ketchup	N/A	N/A
Mustard	N/A	N/A
Red Wine	4	3
Bals. Vin.	4	3
Soy Sauce	4	3
Olive Oil	5	3
Mineral Oil	5	3
Hot Coffee	4	3

N/A – non-free flowing staining agent

TEST METHODS: Stain Resistance Evaluation

The soiling agents were allowed to dwell on the treated and untreated substrate 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 with ten parts water and scrubbed under a stream of running water. The 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 AND PHOTOGRAPHS: Stain Resistance Evaluation

“Academy Black” – Thermal Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	10%	10%	50%	70%	100%	0%	0%	100%
4 hour	100%	100%	100%	60%	80%	100%	0%	0%	100%
1 hour	100%	100%	100%	80%	100%	100%	20%	20%	100%
10 min.	100%	100%	100%	100%	100%	100%	40%	40%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	100%	100%	100%	60%	60%	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	10%	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Academy Black” – Sanded Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	10%	10%	50%	N/A*	N/A*	0%	0%	100%
4 hour	100%	100%	100%	100%	N/A*	N/A*	0%	0%	100%
1 hour	100%	100%	100%	100%	N/A*	N/A*	0%	0%	100%
10 min.	100%	100%	100%	100%	100%	100%	10%	10%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	100%	100%	100%	80%	60%	100%
4 hour	100%	100%	100%	100%	100%	100%	90%	60%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	80%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	90%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	10%	80%	100%	100%	98%	98%	100%
4 hour	100%	100%	100%	90%	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Academy Black” – Honed Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	100%	100%	100%	80%	70%	100%
4 hour	100%	100%	100%	100%	100%	100%	80%	70%	100%
1 hour	100%	100%	100%	100%	100%	100%	90%	80%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Academy Black” – Polished Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	100%	100%	100%	60%	50%	100%
4 hour	100%	100%	100%	100%	100%	100%	60%	50%	100%
1 hour	100%	100%	100%	100%	100%	100%	70%	60%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation

“Carnelian” – Thermal Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	N/A*	100%	50%	N/A*	N/A*	N/A*	0%	0%	100%
4 hour	N/A*	100%	100%	N/A*	N/A*	N/A*	0%	0%	100%
1 hour	N/A*	100%	100%	100%	100%	100%	20%	20%	100%
10 min.	100%	100%	100%	100%	100%	100%	40%	40%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	100%	100%	100%	80%	80%	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive O.	Mineral Oil	Coffee
24 hour	100%	90%	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Carnelian” – Sanded Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	10%	N/A*	N/A*	N/A*	0%	0%	N/A*
4 hour	100%	100%	100%	N/A*	N/A*	N/A*	0%	0%	N/A*
1 hour	100%	100%	100%	N/A*	N/A*	N/A*	0%	0%	N/A*
10 min.	100%	100%	100%	N/A*	N/A*	N/A*	10%	10%	N/A*
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	100%	100%	100%	60%	60%	100%
4 hour	100%	100%	100%	100%	100%	100%	80%	60%	100%
1 hour	100%	100%	100%	100%	100%	100%	80%	60%	100%
10 min.	100%	100%	100%	100%	100%	100%	90%	90%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	50%	70%	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Carnelian” – Honed Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	10%	10%	100%	100%	100%	40%	40%	100%
4 hour	100%	100%	100%	100%	100%	100%	40%	40%	100%
1 hour	100%	100%	100%	100%	100%	100%	70%	70%	100%
10 min.	100%	100%	100%	100%	100%	100%	90%	90%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Carnelian” – Polished Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation

“Charcoal Black” – Thermal Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	50%	10%	50%	70%	100%	0%	0%	100%
4 hour	100%	100%	100%	60%	80%	100%	0%	0%	100%
1 hour	100%	100%	100%	80%	100%	100%	20%	20%	100%
10 min.	100%	100%	100%	100%	100%	100%	40%	40%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	10%	100%	100%	100%	60%	60%	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive O.	Mineral Oil	Coffee
24 hour	100%	90%	10%	80%	100%	100%	90%	100%	100%
4 hour	100%	100%	100%	90%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	98%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Charcoal Black” – Sanded Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	50%	10%	50%	N/A*	N/A*	0%	0%	100%
4 hour	100%	100%	100%	80%	N/A*	N/A*	0%	0%	100%
1 hour	100%	100%	100%	80%	N/A*	N/A*	10%	10%	100%
10 min.	100%	100%	100%	100%	N/A*	N/A*	30%	30%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	100%	100%	100%	60%	60%	100%
4 hour	100%	100%	100%	100%	100%	100%	70%	70%	100%
1 hour	100%	100%	100%	100%	100%	100%	80%	80%	100%
10 min.	100%	100%	100%	100%	100%	100%	98%	98%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	50%	90%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	98%	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Charcoal Black” – Honed Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	10%	100%	100%	100%	100%	70%	70%	100%
4 hour	100%	100%	100%	100%	100%	100%	70%	70%	100%
1 hour	100%	100%	100%	100%	100%	100%	80%	80%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Charcoal Black” – Polished Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	50%	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%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation

“Iridian” – Thermal Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	10%	10%	60%	80%	100%	0%	0%	50%
4 hour	100%	100%	100%	60%	100%	100%	20%	20%	50%
1 hour	100%	100%	100%	60%	100%	100%	20%	20%	60%
10 min.	100%	100%	100%	90%	100%	100%	60%	40%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	10%	100%	100%	100%	60%	60%	100%
4 hour	100%	100%	100%	100%	100%	100%	80%	80%	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive O.	Mineral Oil	Coffee
24 hour	100%	80%	20%	70%	100%	100%	100%	100%	60%
4 hour	100%	100%	100%	70%	100%	100%	100%	100%	60%
1 hour	100%	100%	100%	80%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Iridian” – Sanded Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	10%	10%	60%	N/A*	N/A*	0%	0%	50%
4 hour	100%	100%	100%	100%	N/A*	N/A*	0%	0%	100%
1 hour	100%	100%	100%	80%	N/A*	N/A*	10%	10%	100%
10 min.	100%	100%	100%	90%	N/A*	N/A*	20%	20%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	10%	100%	100%	100%	70%	70%	60%
4 hour	100%	100%	100%	100%	100%	100%	80%	80%	80%
1 hour	100%	100%	100%	100%	100%	100%	100%	90%	90%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	80%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	90%	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Iridian” – Honed Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	10%	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%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Iridian” – Polished Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation

“Mesabi Black” – Thermal Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	50%	20%	N/A*	N/A*	N/A*	0%	0%	100%
4 hour	100%	100%	100%	N/A*	N/A*	N/A*	0%	0%	100%
1 hour	100%	100%	100%	100%	N/A*	N/A*	20%	20%	100%
10 min.	100%	100%	100%	100%	100%	100%	40%	40%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	10%	100%	100%	100%	60%	60%	100%
4 hour	100%	100%	100%	100%	100%	100%	80%	80%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	90%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive O.	Mineral Oil	Coffee
24 hour	100%	90%	10%	80%	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Mesabi Black” – Sanded Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	N/A*	10%	50%	N/A*	N/A*	N/A*	0%	0%	100%
4 hour	100%	100%	100%	N/A*	N/A*	N/A*	0%	0%	100%
1 hour	100%	100%	100%	N/A*	N/A*	N/A*	0%	0%	100%
10 min.	100%	100%	100%	100%	100%	100%	20%	20%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	50%	10%	100%	100%	100%	60%	60%	100%
4 hour	100%	100%	100%	100%	100%	100%	70%	60%	100%
1 hour	100%	100%	100%	100%	100%	100%	80%	60%	100%
10 min.	100%	100%	100%	100%	100%	100%	90%	80%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	100%	100%	100%	100%	90%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	98%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Mesabi Black” – Honed Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	100%	100%	100%	50%	50%	100%
4 hour	100%	100%	100%	100%	100%	100%	50%	50%	100%
1 hour	100%	100%	100%	100%	100%	100%	70%	70%	100%
10 min.	100%	100%	100%	100%	100%	100%	80%	80%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Mesabi Black” – Polished Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation

“Rainbow” – Thermal Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	50%	50%	100%	100%	100%	0%	0%	100%
4 hour	100%	100%	100%	100%	100%	100%	20%	20%	100%
1 hour	100%	100%	100%	100%	100%	100%	20%	20%	100%
10 min.	100%	100%	100%	100%	100%	100%	40%	40%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	10%	100%	100%	100%	60%	60%	100%
4 hour	100%	100%	100%	100%	100%	100%	90%	80%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	90%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive O.	Mineral Oil	Coffee
24 hour	100%	100%	100%	80%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	90%	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Rainbow” – Sanded Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	10%	10%	N/A*	N/A*	N/A*	0%	0%	100%
4 hour	100%	100%	90%	N/A*	N/A*	N/A*	0%	0%	100%
1 hour	100%	100%	100%	N/A*	N/A*	N/A*	0%	0%	100%
10 min.	100%	100%	100%	N/A*	N/A*	N/A*	20%	20%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	10%	100%	100%	100%	60%	60%	100%
4 hour	100%	100%	100%	100%	100%	100%	70%	70%	100%
1 hour	100%	100%	100%	100%	100%	100%	80%	70%	100%
10 min.	100%	100%	100%	100%	100%	100%	90%	80%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	10%	80%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	90%	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Rainbow” – Honed Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Rainbow” – Polished Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation

“Rockville White” – Thermal Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	10%	10%	50%	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%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive O.	Mineral Oil	Coffee
24 hour	100%	100%	10%	70%	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Rockville White” – Sanded Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	10%	10%	N/A*	N/A*	N/A*	0%	0%	100%
4 hour	100%	100%	90%	N/A*	N/A*	N/A*	0%	0%	100%
1 hour	100%	100%	100%	80%	N/A*	N/A*	20%	20%	100%
10 min.	100%	100%	100%	100%	100%	100%	50%	50%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	100%	100%	100%	70%	70%	100%
4 hour	100%	100%	100%	100%	100%	100%	80%	80%	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	90%	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Rockville White” – Honed Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	50%	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%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Rockville White” – Polished Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation

“Sierra White” – Thermal Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	90%	100%	90%	20%	N/A*	N/A*	0%	0%	50%
4 hour	90%	100%	100%	40%	N/A*	N/A*	0%	0%	50%
1 hour	90%	100%	100%	40%	70%	100%	40%	40%	70%
10 min.	100%	100%	100%	100%	100%	100%	70%	70%	90%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	100%	100%	100%	50%	50%	90%
4 hour	100%	100%	100%	100%	100%	100%	70%	70%	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive O.	Mineral Oil	Coffee
24 hour	100%	100%	100%	60%	90%	40%	90%	90%	70%
4 hour	100%	100%	100%	60%	100%	60%	100%	100%	70%
1 hour	100%	100%	100%	80%	100%	80%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Sierra White” – Sanded Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	60%	10%	10%	50%	N/A*	N/A*	0%	0%	50%
4 hour	60%	100%	100%	50%	N/A*	N/A*	0%	0%	50%
1 hour	60%	100%	100%	70%	N/A*	N/A*	50%	50%	50%
10 min.	80%	100%	100%	90%	80%	100%	70%	70%	80%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	60%	80%	100%	50%	50%	100%
4 hour	100%	100%	100%	80%	80%	100%	70%	70%	100%
1 hour	100%	100%	100%	100%	100%	100%	70%	70%	100%
10 min.	100%	100%	100%	100%	100%	100%	90%	90%	100%
Stand Off® Stone, Tile & Masonry Protector (STMP)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	90%	95%	60%	90%	60%	90%	80%	70%
4 hour	100%	100%	100%	80%	100%	80%	100%	100%	90%
1 hour	100%	100%	100%	100%	100%	90%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Sierra White” – Honed Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	N/A*	50%	50%	50%	N/A*	N/A*	0%	0%	20%
4 hour	N/A*	100%	100%	50%	N/A*	N/A*	50%	50%	20%
1 hour	100%	100%	100%	70%	100%	N/A*	80%	100%	20%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	100%	100%	100%	50%	50%	90%
4 hour	100%	100%	100%	100%	100%	100%	70%	70%	90%
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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	100%	100%	80%	100%	100%	50%
4 hour	100%	100%	100%	100%	100%	90%	100%	100%	50%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	90%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Sierra White” – Polished Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	50%	100%	50%	50%	50%	20%
4 hour	100%	100%	100%	70%	100%	70%	60%	60%	20%
1 hour	100%	100%	100%	100%	100%	70%	100%	100%	20%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	50%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	90%	100%	100%	80%	100%	100%	100%	100%	80%
4 hour	100%	100%	100%	90%	100%	100%	100%	100%	90%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation

“Sunset Red” – Thermal Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	90%	50%	100%	100%	100%	60%	60%	100%
4 hour	100%	100%	100%	100%	100%	100%	80%	80%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	90%	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive O.	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Sunset Red” – Sanded Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	50%	10%	N/A*	N/A*	N/A*	0%	0%	N/A*
4 hour	100%	100%	100%	N/A*	N/A*	N/A*	0%	0%	N/A*
1 hour	100%	100%	100%	N/A*	N/A*	N/A*	20%	20%	N/A*
10 min.	100%	100%	100%	100%	100%	100%	50%	50%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	10%	100%	100%	100%	80%	80%	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	10%	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Sunset Red” – Honed Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	90%	100%	100%	100%	100%	50%	50%	100%
4 hour	100%	100%	100%	100%	100%	100%	60%	60%	100%
1 hour	100%	100%	100%	100%	100%	100%	60%	60%	100%
10 min.	100%	100%	100%	100%	100%	100%	80%	80%	100%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	100%	100%	100%	100%	100%	100%	80%	80%	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)									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Sunset Red” – Polished Granite

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%
PROSOCO® SLX100® Water & Oil Repellent									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Mineral Oil	Coffee
24 hour	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%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A* Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or mineral oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Mesabi Black” – Thermal Granite With Stains



Untreated Control



SLX100®



STMP

“Mesabi Black” – Thermal Granite After Stain Testing



Untreated Control



SLX100®



STMP

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Mesabi Black” – Sanded Granite With Stains



Untreated Control

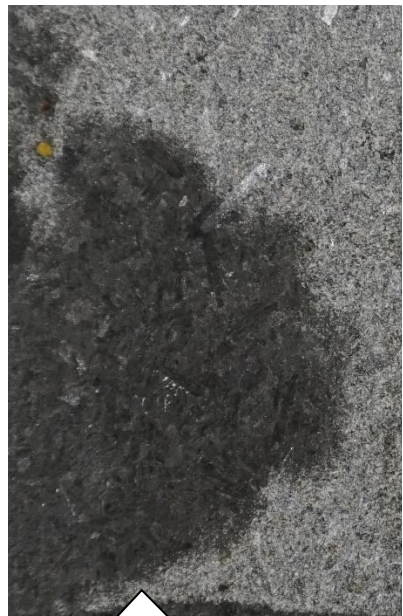


SLX100®



STMP

“Mesabi Black” – Sanded Granite After Stain Testing



Untreated Control



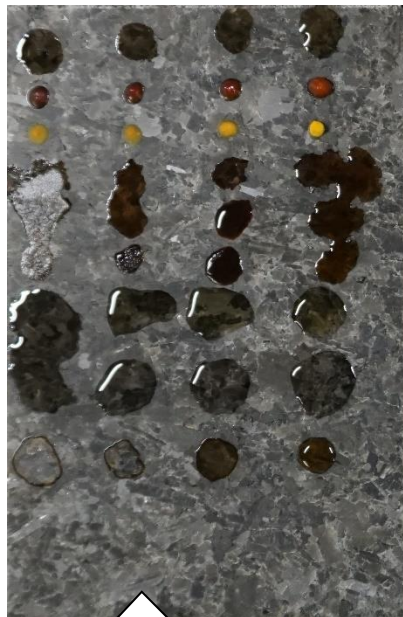
SLX100®



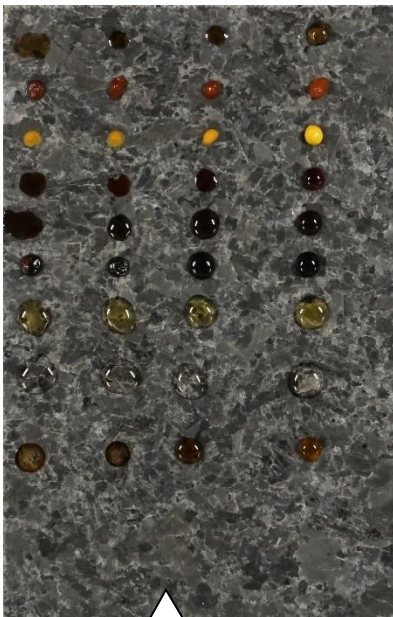
STMP

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

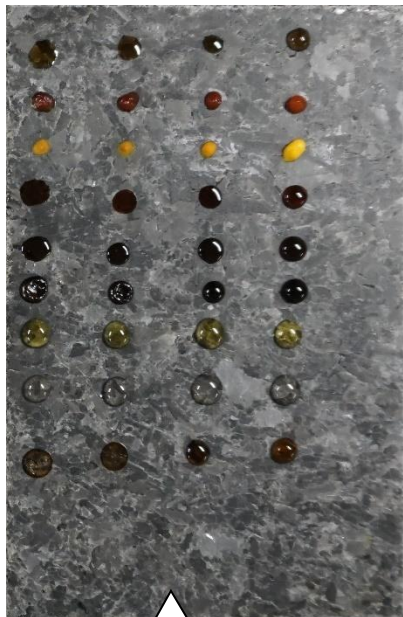
“Mesabi Black” – Honed Granite With Stains



Untreated Control



SLX100®



STMP

“Mesabi Black” – Honed Granite After Stain Testing



Untreated Control



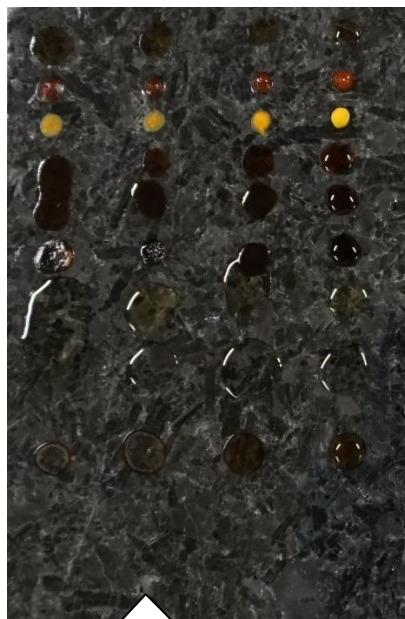
SLX100®



STMP

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Mesabi Black” – Polished Granite With Stains



Untreated Control



SLX100®

“Mesabi Black” – Polished Granite After Stain Testing



Untreated Control



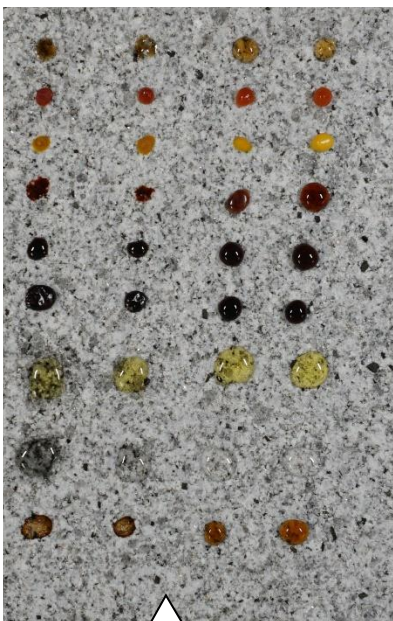
SLX100®

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Sierra White” – Thermal Granite With Stains



Untreated Control



SLX100®



STMP

“Sierra White” – Thermal Granite After Stain Testing



Untreated Control



SLX100®



STMP

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Sierra White” – Sanded Granite With Stains



Untreated Control



SLX100®



STMP

“Sierra White” – Sanded Granite After Stain Testing



Untreated Control



SLX100®



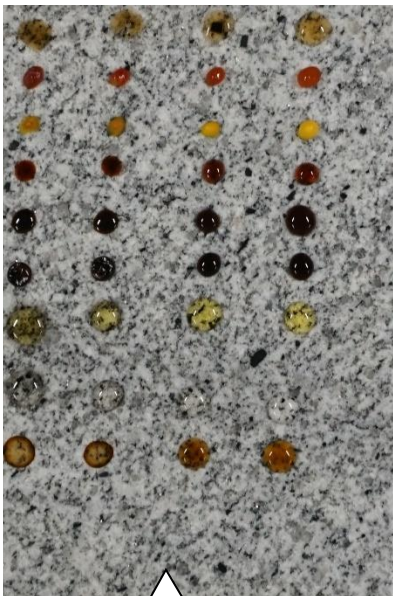
STMP

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Sierra White” – Honed Granite With Stains



Untreated Control



SLX100®



STMP

“Sierra White” – Honed Granite After Stain Testing



Untreated Control



SLX100®



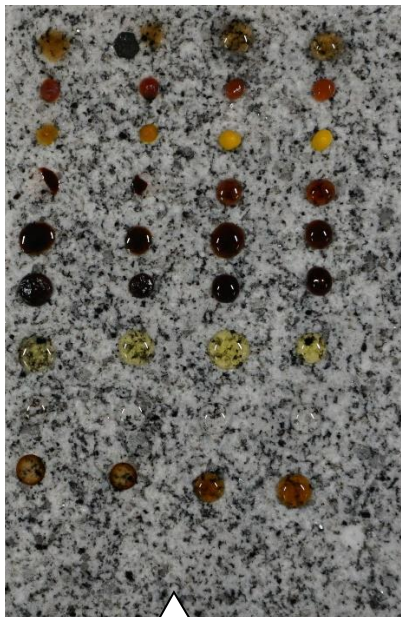
STMP

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Sierra White” – Polished Granite With Stains



Untreated Control



SLX100®

“Sierra White” – Polished Granite After Stain Testing



Untreated Control



SLX100®

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

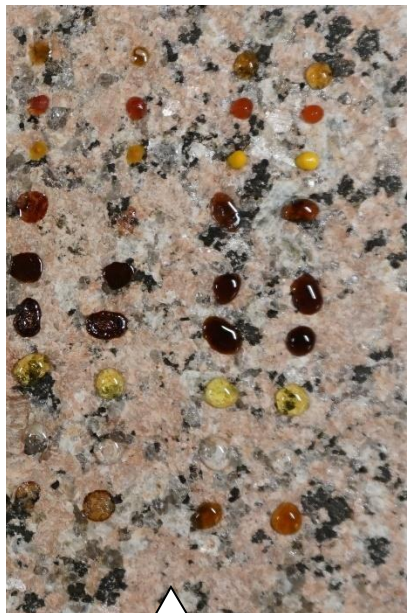
“Sunset Red” – Thermal Granite With Stains



Untreated Control



SLX100®



STMP

“Sunset Red” – Thermal Granite After Stain Testing



Untreated Control



SLX100®



STMP

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Sunset Red” – Sanded Granite With Stains



Untreated Control



SLX100®

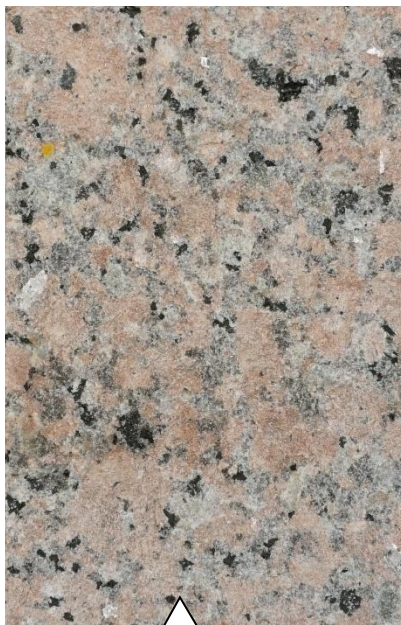


STMP

“Sunset Red” – Sanded Granite After Stain Testing



Untreated Control



SLX100®



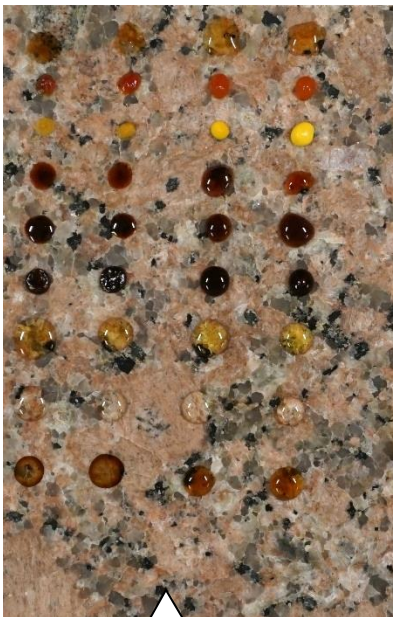
STMP

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Sunset Red” – Honed Granite With Stains



Untreated Control



SLX100®

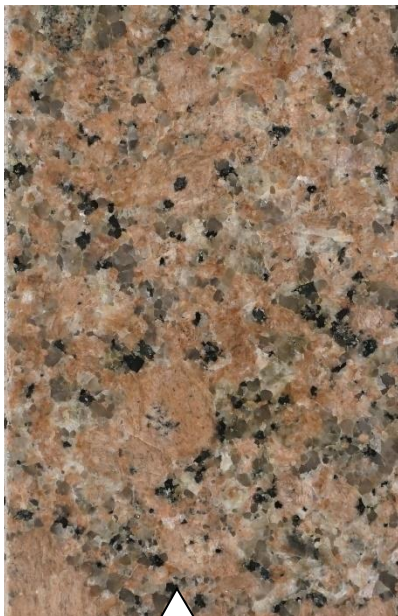


STMP

“Sunset Red” – Honed Granite After Stain Testing



Untreated Control



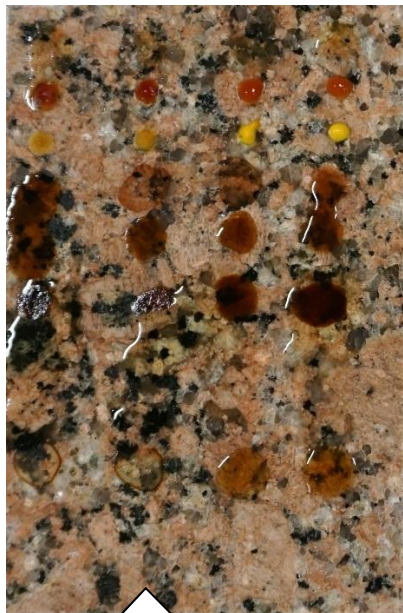
SLX100®



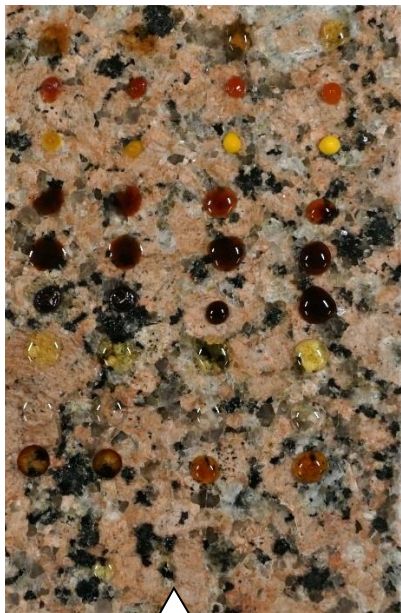
STMP

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Sunset Red” – Polished Granite With Stains



Untreated Control



SLX100®

“Sunset Red” – Polished Granite After Stain Testing



Untreated Control



SLX100®

CONCLUSIONS: Surface Beading and Stain Resistance

In the surface beading evaluation, PROSOCO® SLX100® Water & Oil Repellent and PROSOCO® Stand Off® Stone, Tile & Masonry Protector (STMP) had the smallest angles of contact with each stain applied on the submitted samples. This small angle correlates to “above average” repellency.

In the stain resistance tests conducted, PROSOCO® SLX100® Water & Oil Repellent and PROSOCO® Stand Off® Stone, Tile & Masonry Protector (STMP) proved effective at repelling the applied stains on the submitted samples.

Due to how effective olive oil and mineral oil were at staining certain sample types and finishes, it is likely several of the stains caused by the other staining agents were concealed from evaluation.

NOTE: Due to the surface irregularities of the natural stone, the substrate’s stain resistance may vary from one area of the stone to another.

RECOMMENDATIONS: Stain Resistance

Recommendations for stain resistance for each applicable type of granite submitted by Coldspring, Cold Spring, MN are provided in the chart below. Recommendations are based on the treatments that proved most effective for providing stain repellency on the submitted natural stone.

Sample	Stain Resistance
"Academy Black" – Thermal, Sanded, and Honed Granite	<p><u>Stain Repellents</u> ²PROSOCO® SLX100® Water & Oil Repellent OR ¹PROSOCO® Stand Off® Stone, Tile & Masonry Protector (STMP)</p> <p><u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
"Carnelian" – Thermal, Sanded, and Honed Granite	
"Charcoal Black" – Thermal, Sanded, and Honed Granite	
"Iridian" – Thermal, Sanded, and Honed Granite	
"Mesabi Black" – Thermal, Sanded, and Honed Granite	
"Rainbow" – Thermal, Sanded, and Honed Granite	
"Rockville White" – Thermal, Sanded, and Honed Granite	
"Sierra White" – Thermal, Sanded, and Honed Granite	
"Sunset Red" – Thermal, Sanded, and Honed Granite	
"Academy Black" – Polished Granite	<p><u>Stain Repellents</u> PROSOCO® SLX100® Water & Oil Repellent</p> <p><u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
"Carnelian" – Polished Granite	
"Charcoal Black" – Polished Granite	
"Iridian" – Polished Granite	
"Mesabi Black" – Polished Granite	
"Rainbow" – Polished Granite	
"Rockville White" – Polished Granite	
"Sierra White" – Polished Granite	
"Sunset Red" – Polished Granite	

NOTE: "1" indicates the most effective product and "2" indicates the second most effective product.

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.

TEST METHODS: Stain Removal (Adverse Effects)

PROSOCO® Oil & Grease Stain Remover was evaluated to determine if the cleaner causes any adverse effects when used on the granite. The samples were visually examined following the procedure below based on the following:

Surface Finish Removal is the visual examination of the sample comparing the surface finish of the uncleaned surface to the surface finish cleaned with selected product(s).

Substrate Deterioration is the visual examination of the sample comparing the uncleaned surface to surfaces cleaned with selected product(s) for any potential erosion/digestion of the sample.

Color Change is the visual examination comparing the color of the uncleaned surface to the color of surfaces cleaned with selected product(s).

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

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

- 0 – **No change** compared to uncleaned surface
- 1 – **Slight change** compared to uncleaned surface
- 2 – **Moderate change** compared to uncleaned surface
- 3 – **Significant change** compared to uncleaned surface

Procedure:

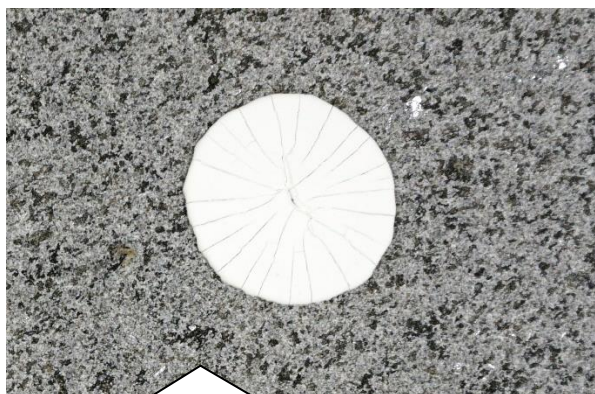
1. Apply cleaners in accordance with the Product Data Sheet instructions.
2. Allow appropriate dwell time:
Oil & Grease Stain Remover..... 16 hours
3. Sweep up dry powder and dispose.
4. Pressure rinse thoroughly with plenty of fresh water.*
5. Allow 24 hours for the sample to dry. Then conduct a visual evaluation to determine if there is any change in appearance.

***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.

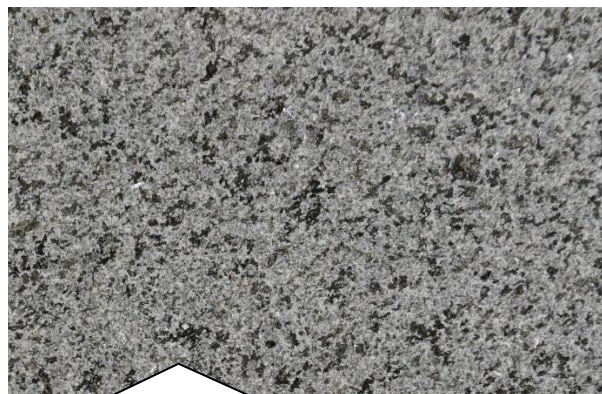
TEST RESULTS AND PHOTOGRAPHS: Stain Removal (Adverse Effects)

Name: All Granite Samples				
Product	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Oil & Grease Stain Remover	0	0	0	0

“Academy Black” – Sanded Granite



Dried Oil & Grease Stain Remover

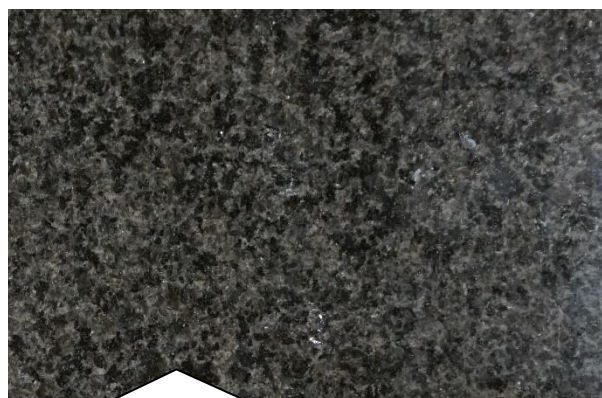


After Removal of Oil & Grease Stain Remover

“Academy Black” – Polished Granite



Dried Oil & Grease Stain Remover



After Removal of Oil & Grease Stain Remover

CONCLUSIONS: Stain Removal (Adverse Effects)

In all the stain removal tests conducted, PROSOCO® Oil & Grease Stain Remover caused no change to the appearance of the submitted samples.

RECOMMENDATIONS: Stain Removal (Adverse Effects)

Recommendations for cleaning each type of granite submitted by Coldspring, Cold Spring, MN are provided in the chart below. Recommendations are based on the cleaner that provided the best match to the uncleaned surface.

Sample	New Construction Cleaning
"Academy Black" – Thermal, Sanded, Honed, and Polished Granite	PROSOCO® Oil & Grease Stain Remover
"Carnelian" – Thermal, Sanded, Honed, and Polished Granite	
"Charcoal Black" – Thermal, Sanded, Honed, and Polished Granite	
"Iridian" – Thermal, Sanded, Honed, and Polished Granite	
"Mesabi Black" – Thermal, Sanded, Honed, and Polished Granite	
"Rainbow" – Thermal, Sanded, Honed, and Polished Granite	
"Rockville White" – Thermal, Sanded, Honed, and Polished Granite	
"Sierra White" – Thermal, Sanded, Honed, and Polished Granite	
"Sunset Red" – Thermal, Sanded, Honed, and Polished Granite	

The most appropriate cleaner and dilution should be determined on the specific job-site, and will be dependent primarily on the nature and severity of soiling present at that location.

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 cleaning product and procedures for a particular project. See product literature for additional application and product information.



J. Lucas Comadoll
QC/Project Testing Technician

ALL SAMPLES SUPPLIED FOR THE ABOVE EVALUATION WILL BE DISPOSED OF THIRTY (30) DAYS AFTER THE ISSUE DATE OF THIS REPORT. IF SAMPLES ARE TO BE RETAINED FOR ADDITIONAL TESTING OR RETURNED TO THE SENDER, PROVIDE WRITTEN INSTRUCTIONS TO THE LABORATORY WITHIN THIRTY (30) DAYS OF THE ISSUE DATE OF THIS REPORT.

Recommendations made within this report are based on laboratory test applications and observations. Final determination of the suitability of a product and/or procedure should be made only after thorough job testing on actual surfaces.