

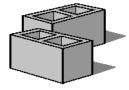
TABLE OF CONTENTS - CMU's

Submitted Information	1
Purpose of Testing	
Products Evaluated	3
New Construction Cleaning	
Description of Products Evaluated – New Construction Cleaning	
Test Method – New Construction Cleaning	
Test Results – New Construction Cleaning	
Test Results – Color Uniformity	
Photographs – New Construction Cleaning	
Photographs – Color Uniformity	
Conclusions – New Construction Cleaning	13
Recommendations – New Construction Cleaning	13
Protective Water Repellents	14
Description of Products Evaluated – Protective Water Repellents	
Sample Preparation – Protective Water Repellents	
Test Methods – Protective Water Repellents	
Test Results – Protective Water Repellents	15
Photographs – Protective Water Repellents	16
Conclusions – Protective Water Repellents	
Recommendations – Protective Water Repellents	17
Graffiti Control	18
Description of Products Evaluated – Graffiti Control	
Sample Preparation – Graffiti Control	
Test Method – Graffiti Control	
Test Results – Graffiti Control	
Photographs – Graffiti Control	
Conclusions – Graffiti Control	
Pacammandations Graffiti Control	21

ATTACHMENTS

Technical Services TECH Note RILEM Tube Test Procedures Product Data literature for all products evaluated





PROSOCO, Inc. Page 1

Submitted Information

For: Mark O' Keefe cc: Paul Tessier

Subject: McNear Brick & Block

San Rafael, CA

Date: July 8, 2005

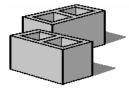
Project: 0504-11 PTP

Samples Submitted: 8 types of integrally colored split-face CMU's

Block	Name	Color	Integral Water Repellent	Size
Split-face	"Desert Rose"	Red/Brown	Unknown	6" x 16" x 2"
Split-face	"VL Brown"	Brown	Unknown	6" x 16" x 2"
Split-face	"VL Mojave"	Tan	Unknown	6" x 16" x 2"
Split-face	"VL Shasta"	Light Gray/Dark Gray	Unknown	6" x 16" x 2"
Split-face	"VL Sierra"	Light Brown	Unknown	6" x 16" x 2"
Split-face	"VL Standard Gray"	Gray	Unknown	6" x 16" x 2"
Split-face	"VL Tan/Brown"	Tan/Brown	Unknown	6" x 16" x 2"
Split-face	"VL Tan"	Tan	Unknown	6" x 16" x 2"

Submitted by: Mark O' Keefe





Page 2

Purpose of Testing

Eight types of integrally colored split-face CMU's, all with large, small and fine aggregate were submitted for testing using PROSOCO's new construction cleaning, water repellent, and graffiti control products.

New Construction Cleaning – Sure Klean[®] Custom Masonry Cleaner and Enviro Klean[®] Safety Klean were evaluated to determine the optimal concentration of cleaner for removal of laboratory applied mortar which also leaves the external surface looking most like the natural through-body color of the CMU.

To simulate new construction soiling all concrete masonry units (CMU's) are placed on a bench with finished surface facing upward. Hollow cylinders measuring 50 mm in diameter and 75 mm tall are positioned on top of each CMU and filled with a wet mixture of Type S mortar. The wet, mortar-filled cylinder is allowed to remain in contact with the CMU for 10 minutes before removal.

Heavy deposits of mortar are removed with dry scraping after 24 hours. Prepared cleaning solutions are then evaluated for their effectiveness in removing residual Type S mortar staining after 3 days, 7 days, and 14 days of curing.

Color uniformity was evaluated by comparing aggregate exposure and surface pigment alternation/removal of each cleaned surface compared to the natural through-body color of the CMU.

<u>Aggregate Exposure</u> is the visual examination comparing aggregate exposure of the interior, through-body section of CMU to surfaces cleaned with selected product(s) at given dilutions.

<u>Surface Pigment Alteration/Removal</u> is the visual examination comparing the pigmentation of the interior, through-body section of the CMU to surfaces cleaned with selected product(s) at given dilutions.

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

0 – **Worst** match to through-body

1 – **Poor** match to through-body

2 – **Fair** match to through-body

3 – **Good** match to through-body

4 – **Best** match to through-body

NOTE: When cleaning integrally colored CMU.

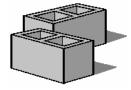
Integrally colored concrete masonry units (CMU's) frequently have high amounts of pigments concentrated on the surface of the cured concrete unit. Variation of surface pigment concentrations from one CMU to the next creates a blotchy appearance in the completed wall. Allowed to remain on the surface of the CMU, the weakly bound pigment will weather and streak, further detracting from the appearance of the completed CMU wall.

In addition to removing excess mortar and construction related soiling, the goal of any cleaning operation undertaken on an integrally colored CMU should include removal of unnaturally high concentrations of surface pigment. By revealing the natural through-body color on the integrally colored unit, the overall color uniformity and weathering resistance of the completed CMU wall is improved.

Protective Water Repellents – Sure Klean[®] Weather Seal Blok-Guard[®] & Graffiti Control II and Sure Klean[®] Weather Seal Siloxane WB Concentrate were evaluated for their ability to provide water repellency to the submitted samples.

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





Page 3

Products Evaluated

Products Evaluated for Cleaning and Color Uniformity

Sample	Product	Dilution
All Submitted CMU's	Sure Klean [®] Custom Masonry Cleaner	1:2, 1:4, 1:6
All Submitted Civio's	Enviro Klean [®] Safety Klean	1:2, 1:3

Water Repellent Products Evaluated

Sample	Product	Dilution
All Submitted CMU's	Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II	Concentrate
All Submitted Civio's	Sure Klean [®] Weather Seal Siloxane WB Concentrate	1:9

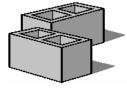
Graffiti Control Products Evaluated

Sample	Product	Dilution
All Submitted CMU's	Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II	Concentrate

Graffiti Removal Products Evaluated

Sample	Product	Dilution
All Submitted CMU's	Sure Klean [®] Fast Acting Stripper	Concentrate
All Submitted Civio's	Defacer Eraser [®] Graffiti Wipe	Concentrate





Page 4

New Construction Cleaning

These cleaning trials were conducted to determine the optimal cleaning/cure time combination to most efficiently remove Type S mortar from the submitted CMU's while providing the best color uniformity when compared to the through-body color of the CMU's.

Type S mortar was prepared in compliance with the manufacturer's instructions, applied to the CMU surface and allowed to cure for 3, 7, and 14 days. Mortar removal was accomplished using chemical assistance and a high-pressure water rinse with pressure rinsing equipment. The removal of Type S masonry mortar was visually evaluated after 3, 7, and 14 days of curing. A visual examination was also made to determine the optimal dilution of the tested cleaners that provide the best color uniformity when compared to the throughbody color of the CMU's.

Description of Products Evaluated - New Construction Cleaning

Sure Klean® Custom Masonry Cleaner – A general purpose, concentrated acidic cleaner for most custom masonry and colored concrete. Removes concrete splashes, excess mortar, mud, heavy efflorescence and surface soiling, leaving the masonry clean and uniform with no acid burning or streaking. Liquid concentrate for dilution with 2-6 parts water. Apply by brush or low-pressure spray.

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

Test Method – New Construction Cleaning

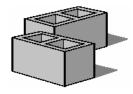
Dilution ratios refer to mixtures of parts concentrated cleaner: parts fresh water. Chemical cleaners were evaluated using the following procedure:

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

- 4. Reapply the product and moderately agitate with a brush.
- 5. Pressure rinse thoroughly.*
- 6. Allow the sample to dry for at least 18 hours and visually examine.
- 7. Break the sample in half and compare the through-body surfaces to the cleaned surfaces for the best match.

*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.





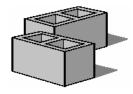
Page 5

Test Results – New Construction Cleaning

% removal

"Desert Rose	" Split-face (СМИ		
Product	Dilution	3 day	7 day	14 day
Sure Klean® Custom Masonry Cleaner	1:2	95%	95%	90%
Sure Klean [®] Custom Masonry Cleaner	1:4	95%	95%	90%
Sure Klean [®] Custom Masonry Cleaner	1:6	90%	90%	90%
Enviro Klean [®] Safety Klean	1:2	90%	90%	80%
Enviro Klean [®] Safety Klean	1:3	90%	80%	70%
"VL Brown"	Split-face C	MU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	99%	98%	98%
Sure Klean® Custom Masonry Cleaner	1:4	98%	95%	95%
Sure Klean® Custom Masonry Cleaner	1:6	98%	95%	95%
Enviro Klean [®] Safety Klean	1:2	95%	95%	85%
Enviro Klean [®] Safety Klean	1:3	80%	80%	70%
"VL Mojave"	' Split-face C	MU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	99%	98%
Sure Klean [®] Custom Masonry Cleaner	1:4	99%	98%	90%
Sure Klean® Custom Masonry Cleaner	1:6	98%	95%	90%
Enviro Klean [®] Safety Klean	1:2	98%	90%	80%
Enviro Klean [®] Safety Klean	1:3	95%	70%	50%
"VL Shasta"	' Split-face C	MU		
Product	Dilution	3 day	7 day	14 day
Sure Klean® Custom Masonry Cleaner	1:2	100%	100%	95%
Sure Klean® Custom Masonry Cleaner	1:4	100%	95%	95%
Sure Klean® Custom Masonry Cleaner	1:6	100%	95%	95%
Enviro Klean [®] Safety Klean	1:2	100%	95%	90%
Enviro Klean [®] Safety Klean	1:3	100%	95%	90%
"VL Sierra"	Split-face CI	MU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	99%	98%
Sure Klean [®] Custom Masonry Cleaner	1:4	100%	98%	95%
Sure Klean [®] Custom Masonry Cleaner	1:6	100%	95%	90%
Enviro Klean [®] Safety Klean	1:2	99%	95%	90%
Enviro Klean [®] Safety Klean	1:3	98%	90%	90%





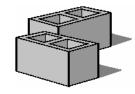
Page 6

Test Results – New Construction Cleaning

% removal

"VL Standard Gray" Split-face CMU					
Product	Dilution	3 day	7 day	14 day	
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	100%	95%	
Sure Klean [®] Custom Masonry Cleaner	1:4	100%	100%	95%	
Sure Klean [®] Custom Masonry Cleaner	1:6	100%	95%	90%	
Enviro Klean [®] Safety Klean	1:2	100%	95%	90%	
Enviro Klean [®] Safety Klean	1:3	95%	90%	90%	
"VL Tan/Brow	n" Split-face	CMU			
Product	Dilution	3 day	7 day	14 day	
Sure Klean [®] Custom Masonry Cleaner	1:2	98%	98%	95%	
Sure Klean [®] Custom Masonry Cleaner	1:4	98%	98%	90%	
Sure Klean [®] Custom Masonry Cleaner	1:6	98%	90%	90%	
Enviro Klean [®] Safety Klean	1:2	95%	90%	90%	
Enviro Klean [®] Safety Klean	1:3	90%	90%	85%	
"VL Tan" \$	Split-face CM	U			
Product	Dilution	3 day	7 day	14 day	
Sure Klean [®] Custom Masonry Cleaner	1:2	95%	95%	90%	
Sure Klean [®] Custom Masonry Cleaner	1:4	90%	90%	90%	
Sure Klean [®] Custom Masonry Cleaner	1:6	90%	90%	90%	
Enviro Klean [®] Safety Klean	1:2	95%	90%	85%	
Enviro Klean [®] Safety Klean	1:3	85%	85%	80%	





Page 7

Test Results - Color Uniformity

Substrate: Split-face CMU	Pigment Color: "Desert Rose"			
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	
Sure Klean [®] Custom Masonry Cleaner	1:2	4	4	
Sure Klean® Custom Masonry Cleaner	1:4	4	4	
Sure Klean® Custom Masonry Cleaner	1:6	4	4	
Enviro Klean [®] Safety Klean	1:2	3	3	
Enviro Klean [®] Safety Klean	1:3	3	3	
Substrate: Split-face CMU	Pigment	Color: "VL Brown"		
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	
Sure Klean® Custom Masonry Cleaner	1:2	4	4	
Sure Klean [®] Custom Masonry Cleaner	1:4	4	4	
Sure Klean® Custom Masonry Cleaner	1:6	4	4	
Enviro Klean® Safety Klean	1:2	3	3	
Enviro Klean [®] Safety Klean	1:3	3	3	
Substrate: Split-face CMU	Pigment Color: "VL Mojave"			
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	
Sure Klean® Custom Masonry Cleaner	1:2	4	4	
Sure Klean [®] Custom Masonry Cleaner	1:4	4	4	
Sure Klean [®] Custom Masonry Cleaner	1:6	3	3	
Enviro Klean [®] Safety Klean	1:2	3	3	
Enviro Klean [®] Safety Klean	1:3	3	3	
Substrate: Split-face CMU	Pigment Color: "VL Shasta"			
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	
R	1:2	4	4	
Sure Klean [®] Custom Masonry Cleaner				
Sure Klean [®] Custom Masonry Cleaner	1:4	4	4	
	1:4 1:6	4	4	
Sure Klean [®] Custom Masonry Cleaner				

Scale used for reporting results of both categories

0 – **Worst** match to through-body

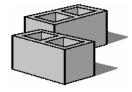
3 - Good match to through-body

1 – **Poor** match to through-body

4 – **Best** match to through-body

2 - Fair match to through-body





Page 8

Test Results - Color Uniformity (Continued)

Substrate: Split-face CMU	Pigment Color: "VL Sierra"			
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	
Sure Klean [®] Custom Masonry Cleaner	1:2	4	4	
Sure Klean® Custom Masonry Cleaner	1:4	4	4	
Sure Klean® Custom Masonry Cleaner	1:6	4	4	
Enviro Klean [®] Safety Klean	1:2	4	4	
Enviro Klean [®] Safety Klean	1:3	3	3	
Substrate: Split-face CMU	Pigment	Color: "VL Standard	d Gray"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	
Sure Klean® Custom Masonry Cleaner	1:2	4	4	
Sure Klean [®] Custom Masonry Cleaner	1:4	4	4	
Sure Klean® Custom Masonry Cleaner	1:6	3	3	
Enviro Klean [®] Safety Klean	1:2	3	3	
Enviro Klean [®] Safety Klean	1:3	3	3	
Substrate: Split-face CMU	Pigment	Color: "VL Tan/Brov	wn"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	
Sure Klean® Custom Masonry Cleaner	1:2	4	4	
Sure Klean [®] Custom Masonry Cleaner	1:4	4	4	
Sure Klean [®] Custom Masonry Cleaner	1:6	4	4	
Enviro Klean [®] Safety Klean	1:2	3	3	
Enviro Klean [®] Safety Klean	1:3	3	3	
Substrate: Split-face CMU	Pigment	Color: "VL Tan"		
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	
		_	4	
Sure Klean [®] Custom Masonry Cleaner	1:2	4	4	
Sure Klean [®] Custom Masonry Cleaner	1:2 1:4	4	4	
Sure Klean [®] Custom Masonry Cleaner	1:4	4	4	

Scale used for reporting results of both categories

0 – **Worst** match to through-body

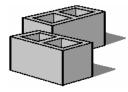
3 - Good match to through-body

1 – **Poor** match to through-body

4 – **Best** match to through-body

2 - Fair match to through-body





Page 9

Photographs – New Construction Cleaning

"VL Mojave" Split-face; 3 Day Cleaning



Sure Klean®

Custom

Masonry Cleaner (1:6)

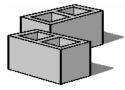


Sure Klean[®]
Custom
Masonry
Cleaner (1:4)

Untreated Control

Enviro Klean[®] Safety Klean (1:2) Enviro Klean[®] Safety Klean (1:3)

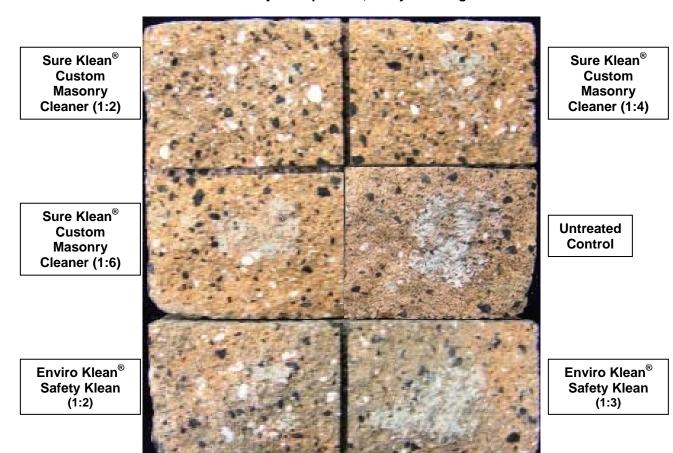




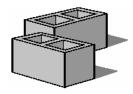
Page 10

Photographs – New Construction Cleaning

"VL Mojave" Split-face; 7 Day Cleaning



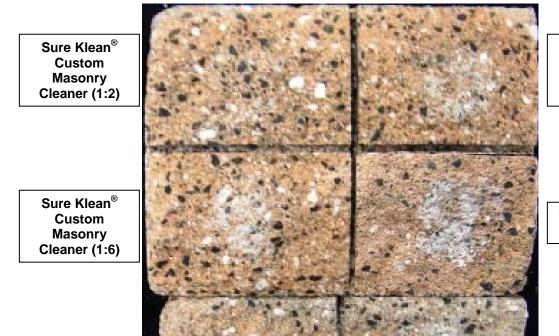




Page 11

Photographs – New Construction Cleaning

"VL Mojave" Split-face; 14 Day Cleaning



Sure Klean[®]
Custom
Masonry
Cleaner (1:4)

Untreated Control

Enviro Klean[®] Safety Klean (1:2) Enviro Klean[®] Safety Klean (1:3)



Page 12

Photographs - Color Uniformity

"VL Mojave" Split-face; Through-body



Sure Klean® Custom Masonry Cleaner (1:2) Sure Klean® Custom Masonry Cleaner (1:4) Sure Klean® Custom Masonry Cleaner (1:6)

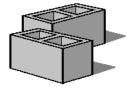
Enviro Klean[®] Safety Klean (1:2)



Enviro Klean[®] Safety Klean (1:3)

Throughbody Throughbody





Page 13

Conclusions - New Construction Cleaning

Based on the test data, all of the submitted samples were efficiently cleaned with a dilution of Sure Klean[®] Custom Masonry Cleaner or Enviro Klean[®] Safety Klean. Use higher concentrations and surface agitation to maximize aggregate exposure. Use low concentration and surface agitation to minimize aggregate exposure.

Recommendations - New Construction Cleaning

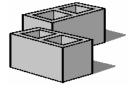
Recommendations for cleaning for each type of CMU submitted by McNear Brick & Block, San Rafael, CA are provided in the chart below. Recommendations are based on the optimum dilution for complete removal of mortar while providing the best match to the through-body color of CMU's.

Sample	New Construction Cleaning (Type S mortar, 14 day cleaning)
"Desert Rose" "VL Brown" "VL Tan/Brown" "VL Tan"	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)
"VL Shasta"	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)
"VL Sierra"	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Enviro Klean [®] Safety Klean (1:2)
"VL Mojave" "VL Standard Gray"	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4)

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.





Page 14

Protective Water Repellents

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

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

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

<u>Description of Products Evaluated</u> – Protective Water Repellents

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

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

Sample Preparation – Protective Water Repellents

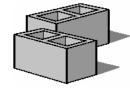
The submitted blocks were scored, allowed to dry, and to reabsorb atmospheric humidity for 24 hours prior to treatment. Both products were applied by brush and allowed to cure in accordance with the recommendations in PROSOCO, Inc.'s 2005 Product Guide.

<u>Test Methods</u> – Protective Water Repellents

Water Absorption Tube Test: RILEM II.4, 60 mph, 20 Minutes

The water absorption tube test simulating wind driven rain conditions was performed. This test simulates 60 mile per hour wind driven rain conditions for a period of 20 minutes. See Technical Services TECH Note RILEM Tube Test Procedures.





Page 15

Test Results – Protective Water Repellents

Water Absorption Tube Test: RILEM II.4, 60 mph, 20 Minutes

RESULTS

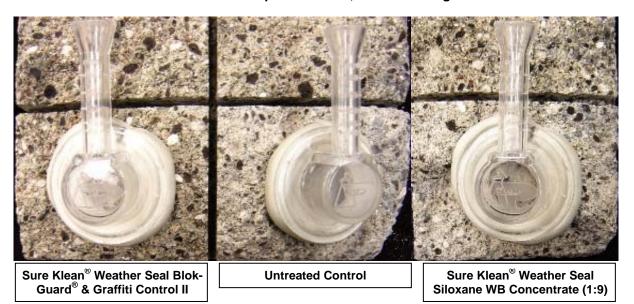
	RESULTS
"Desert Rose" Split-face CMU	
Untreated Control	<40 mph
Blok-Guard [®] & Graffiti Control II	59 mph
Siloxane WB 1:9	59 mph
"VL Brown" Split-face CMU	
Untreated Control	<40 mph
Blok-Guard [®] & Graffiti Control II	59 mph
Siloxane WB 1:9	59 mph
"VL Mojave" Split-face CMU	
Untreated Control	<40 mph
Blok-Guard [®] & Graffiti Control II	58 mph
Siloxane WB 1:9	59 mph
"VL Shasta" Split-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control II	57 mph
Siloxane WB 1:9	60 mph
"VL Sierra" Split-face CMU	
Untreated Control	<40 mph
Blok-Guard [®] & Graffiti Control II	57 mph
Siloxane WB 1:9	60 mph
"VL Standard Gray" Split-face CMU	
Untreated Control	<40 mph
Blok-Guard [®] & Graffiti Control II	58 mph
Siloxane WB 1:9	59 mph
"VL Tan/Brown" Split-face CMU	
Untreated Control	<40 mph
Blok-Guard [®] & Graffiti Control II	59 mph
Siloxane WB 1:9	59 mph
"VL Tan" Split-face CMU	
Untreated Control	<40 mph
Blok-Guard [®] & Graffiti Control II	59 mph
Siloxane WB 1:9	59 mph



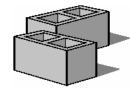
Page 16

Photographs - Protective Water Repellents

"VL Shasta" Split-face CMU; RILEM Testing







Page 17

Conclusions - Protective Water Repellents

Based upon laboratory evaluations, both Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II and Sure Klean® Weather Seal Siloxane WB Concentrate diluted with nine parts water provided excellent water repellency to each of the submitted samples. In addition, Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II provided slight color enhancement to the submitted samples. Sure Klean® Weather Seal Siloxane WB Concentrate diluted with nine parts water did not alter the appearance of the samples in any way.

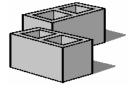
Recommendations - Protective Water Repellents

Recommendations for water repellency treatment for each type of CMU submitted by McNear Brick & Block, San Rafael, CA are provided in the chart below. Recommendations are based on the treatment that proved most effective at providing water repellency on all types submitted.

Sample	Water Repellents
All Submitted CMU's	Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II OR Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9)

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





Page 18

Graffiti Control

These trials were conducted to determine the optimal graffiti control treatment for the submitted concrete block samples.

Description of Products Evaluated – Graffiti Control

Graffiti Control Treatments

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

Products Evaluated for Graffiti Removal

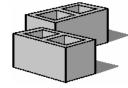
Defacer Eraser® Graffiti Wipe – An easy-to-use graffiti remover that does not contain methanol, methylene chloride or other halogenated solvents prohibited on many projects. Graffiti Wipe removes a variety of graffiti stains from most smooth masonry, split-face concrete block, wood and metal surfaces.

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

Graffiti Agents

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





Page 19

Sample Preparation – Graffiti Control

This evaluation compares the effectiveness of the treatments tested to the untreated surfaces of the submitted samples in preventing staining of enamel spray paint and permanent markers.

Sections of the concrete block samples were treated, by a wet-on-wet brushing application, with Sure Klean[®] Weather Seal Blok-Guard[®] & Graffiti Control II, in accordance with PROSOCO, Inc.'s 2005 Product Guide application recommendations and then allowed to cure for at least one day. At the end of the cure period, a visual adverse effects evaluation was made and then the graffiti agents were applied to the substrates.

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

Test Method – Graffiti Control

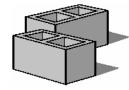
Chemical cleaners were evaluated using the following procedure:

- 1. Apply the product to a dry surface, soiled with graffiti.
- 2. Allow appropriate dwell time:

- 3. Pressure rinse thoroughly until water runs clear.*
- 4. Allow the surface to dry thoroughly and visually examine to determine effectiveness.

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



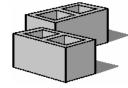


PROSOCO, Inc. Page 20

<u>Test Results</u> – Graffiti Control

"Desert Rose" Split-face CMU						
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	95%	95%	90%	90%	93%	
Graffiti Wipe	90%	40%	70%	70%	68%	
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	98%	100%	90%	100%	97%	
Graffiti Wipe	98%	100%	80%	95%	93%	
"VL Brown" Split-face CMU						
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	90%	95%	90%	85%	90%	
Graffiti Wipe	75%	40%	95%	95%	76%	
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	98%	99%	98%	95%	98%	
Graffiti Wipe	95%	95%	95%	95%	95%	
	"VL I	Mojave" Split-f	ace CMU			
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	95%	95%	95%	90%	94%	
Graffiti Wipe	40%	40%	90%	90%	65%	
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	98%	100%	90%	98%	97%	
Graffiti Wipe	98%	90%	90%	95%	93%	
	"VL	Shasta" Split-f	ace CMU			
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	85%	95%	60%	60%	75%	
Graffiti Wipe	40%	40%	40%	60%	45%	
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	90%	98%	60%	95%	86%	
Graffiti Wipe	90%	95%	50%	90%	81%	
"VL Sierra" Split-face CMU						
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	85%	90%	75%	80%	83%	
Graffiti Wipe	75%	40%	75%	80%	68%	
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	90%	100%	98%	90%	95%	
Graffiti Wipe	90%	95%	90%	98%	93%	





OSOCO, Inc. Page 21

<u>Test Results</u> – Graffiti Control

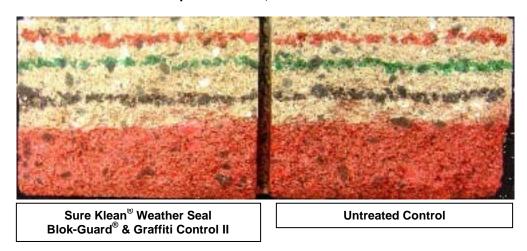
"VL Standard Gray" Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	80%	80%	60%	75%
Graffiti Wipe	50%	20%	20%	50%	35%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	90%	85%	85%	89%
Graffiti Wipe	95%	90%	85%	80%	88%
"VL Tan/Brown" Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	95%	60%	70%	79%
Graffiti Wipe	70%	40%	40%	60%	53%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	80%	95%	94%
Graffiti Wipe	99%	95%	80%	95%	92%
"VL Tan" Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	95%	85%	80%	88%
Graffiti Wipe	40%	5%	85%	80%	53%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	90%	98%	97%
Graffiti Wipe	95%	95%	90%	98%	95%



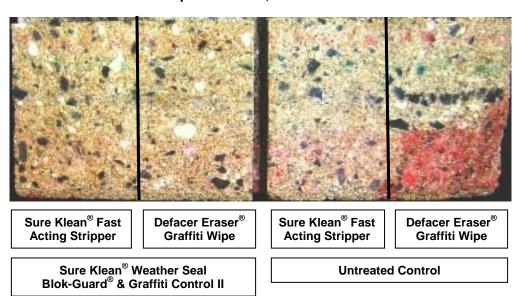
Page 22

Photographs – Graffiti Control

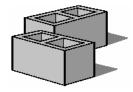
"VL Tan" Split-face CMU; Before Graffiti Removal



"VL Tan" Split-face CMU; After Graffiti Removal







Page 23

Conclusions – Graffiti Control

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

Recommendations - Graffiti Control

Recommendations for graffiti control treatment for each type of block submitted by McNear Brick & Block, San Rafael, CA are provided in the chart below. Recommendations are based on the treatment that proved most effective for providing graffiti repellency and the product that was most effective at removing the graffiti on all types submitted.

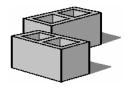
Sample	Graffiti Repellents	Graffiti Removers
All Submitted CMU's	Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II	Defacer Eraser [®] Graffiti Wipe OR Sure Klean [®] Fast Acting Stripper

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.

Christopher A. Moore

Project Testing Laboratory Technician

CAM



Laboratory Report

Pallet Tag Program Evaluation

McNear Brick & Block: CMU's San Rafael, CA

Project No. 0504-11 PTP

Prepared For:

McNear Brick & Block One McNear Brickyard Road San Rafael, CA 94901

Prepared By:

PROSOCO, Inc. June 2005