

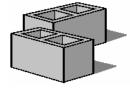
TABLE OF CONTENTS

Submitted Information	1
Purpose of Testing	2
Products Evaluated	3
New Construction Cleaning	4
Description of Products Evaluated – New Construction Cleaning	4
Test Method – New Construction Cleaning	
Test Results – New Construction Cleaning	5
Test Results – Color Uniformity	9
Photographs – New Construction Cleaning	14
Photographs – Color Uniformity	17
Conclusions – New Construction Cleaning	
Recommendations – New Construction Cleaning	18
Protective Water Repellents	19
Description of Products Evaluated – Protective Water Repellents	19
Sample Preparation – Protective Water Repellents	19
Test Methods – Protective Water Repellents	
Test Results – Protective Water Repellents	
Photographs – Protective Water Repellents	
Conclusions – Protective Water Repellents	
Recommendations – Protective Water Repellents	25
Graffiti Control	26
Description of Products Evaluated – Graffiti Control	
Sample Preparation – Graffiti Control	
Test Method – Graffiti Control	
Test Results – Graffiti Control	
Photographs – Graffiti Control	36
Conclusions – Graffiti Control	37
Recommendations - Graffiti Control	37

ATTACHMENTS

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





PROSOCO, Inc. Page 1

Submitted Information

For: James Holt cc: Paul Tessier

Subject: Block USA – Jasper, AL Plant

Birmingham, AL

Date:

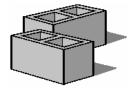
Project: 0508-12 PTP

Samples Submitted: 15 types of integrally colored CMU's, each with a split-face and a smooth-face side

Block	Name	Color	Integral Water Repellent	Size
Split-face	· "Blue Ridge Haze"	Brown	Dry-Block	8" x 16" x 4"
Smooth-face	Dide Nage Haze	DIOWII	Diy-block	0 10 14
Split-face	"Clay Path Red"	Red	Dry-Block	8" x 16" x 4"
Smooth-face	Clay Fall Neu	Neu	Diy-block	0 1 10 14
Split-face	"Coachouse Coffee"	Dark Brown	Dry-Block	8" x 16" x 4"
Smooth-face	Coachouse Conee	Dark Brown	Diy-block	0 1 10 14
Split-face	"Colonial Blush"	Light Red	Dry-Block	8" x 16" x 4"
Smooth-face	Colonial Blush	Light Ned	Diy-block	0 10 14
Split-face	"Declaration Red"	Light Red	Dry-Block	8" x 16" x 4"
Smooth-face	Deciaration Ned	Light Ned	Diy-block	0 1 10 14
Split-face	"Heritage Beige"	Beige	Dry-Block	8" x 16" x 4"
Smooth-face	Hemage beige	beige	Diy-block	0 1 10 14
Split-face	"Imported Linen"	Light Gray	Dry-Block	8" x 16" x 4"
Smooth-face	Imported Linen	Light Oray	Diy-block	0 1 10 14
Split-face	"Market Square Marble"	Light Tan	Dry-Block	8" x 16" x 4"
Smooth-face	Warker oquare Warbie	Light ran	Dry Block	0 1 10 14
Split-face	"Mountain Sand"	Tan	Dry-Block	8" x 16" x 4"
Smooth-face	Wountain Cana	Tan	Dry Blook	0 X 10 X 4
Split-face	"Parchment"	Beige	Dry-Block	8" x 16" x 4"
Smooth-face	T dioimont		Dry Blook	0 X 10 X 1
Split-face	"Portico Dust"	Light Gray	Dry-Block	8" x 16" x 4"
Smooth-face	1 Oraco Base	Ligiti Olay	Dry Blook	0 X 10 X 1
Split-face	"Seaside Tan"	Light Tan	Dry-Block	8" x 16" x 4"
Smooth-face		Light full	Diy Diook	
Split-face	"Smokehouse Brown"	Brown	Dry-Block	8" x 16" x 4"
Smooth-face	Cilionolloddo Biowii	Diowii	Dry Blook	
Split-face	"Terrace Room Slate"	Gray	Dry-Block	8" x 16" x 4"
Smooth-face	. Sirass result state		2., Blook	
Split-face	"Wellhouse Rope"	Tan	Dry-Block	8" x 16" x 4"
Smooth-face		1 (1)	Dry Blook	O X IO X T

Submitted by: James Holt





Page 2

Purpose of Testing

Fifteen types of integrally colored CMU's, each with a split-face and a smooth-face side, all with large, small and fine aggregate were submitted for testing using PROSOCO, Inc.'s new construction cleaning, water repellency, and graffiti control products.

New Construction Cleaning – Sure Klean[®] Custom Masonry Cleaner was 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

3 – **Good** match to through-body

1 – Poor match to through-body2 – Fair match to through-body

4 – **Best** match to through-body

NOTE: When cleaning integrally colored CMU's.

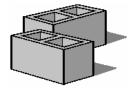
Integrally colored concrete masonry units (CMU's) frequently have high amounts of pigments concentrated on the surface of the cured concrete unit. Variation of surface pigment concentrations from one CMU to the next creates a blotchy appearance in the completed wall. Allowed to remain on the surface 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[®] Custom Masonry Sealer, 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[®] Custom Masonry Sealer and Sure Klean[®] Weather Seal Blok-Guard[®] & Graffiti Control II were evaluated for their 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

Water Repellent Products Evaluated

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

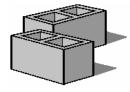
Graffiti Control Products Evaluated

Sample	Product	Dilution
All Submitted CMU's	Sure Klean [®] Custom Masonry Sealer	Concentrate
All Submitted Civio'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.

<u>Description of Products Evaluated</u> - 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.

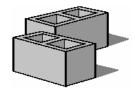
Test Method – New Construction Cleaning

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.
- 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.



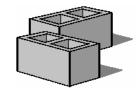


Page 5

Test Results – New Construction Cleaning

"Blue Ridge Ha	ze" Split-fac	e CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	100%	100%
Sure Klean [®] Custom Masonry Cleaner	1:4	100%	100%	98%
Sure Klean [®] Custom Masonry Cleaner	1:6	100%	95%	95%
"Blue Ridge Haze	e" Smooth-fa	ce CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean® Custom Masonry Cleaner	1:2	100%	100%	100%
Sure Klean [®] Custom Masonry Cleaner	1:4	100%	100%	100%
Sure Klean [®] Custom Masonry Cleaner	1:6	100%	100%	100%
"Clay Path Re	d" Split-face	CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	98%	98%	98%
Sure Klean [®] Custom Masonry Cleaner	1:4	98%	95%	90%
Sure Klean [®] Custom Masonry Cleaner	1:6	98%	95%	90%
"Clay Path Red"	" Smooth-fac	e 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	98%	98%	95%
Sure Klean [®] Custom Masonry Cleaner	1:6	98%	98%	95%
"Coachouse Co	ffee" Split-fac	ce 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	98%	98%	95%
Sure Klean® Custom Masonry Cleaner	1:6	98%	95%	90%
"Coachouse Coffe	ee" Smooth-f	ace CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	100%	100%
Sure Klean [®] Custom Masonry Cleaner	1:4	99%	99%	98%
Sure Klean [®] Custom Masonry Cleaner	1:6	99%	99%	98%
"Colonial Blus	h" Split-face	CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	98%	95%	95%
Sure Klean [®] Custom Masonry Cleaner	1:4	98%	95%	95%
Sure Klean [®] Custom Masonry Cleaner	1:6	95%	95%	90%
"Colonial Blush	" Smooth-fac	e CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	100%	99%
Sure Klean [®] Custom Masonry Cleaner	1:4	100%	100%	98%
Sure Klean [®] Custom Masonry Cleaner	1:6	100%	98%	95%



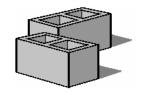


Page 6

Test Results – New Construction Cleaning

"Declaration Re	ed" Split-face	e CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean® Custom Masonry Cleaner	1:2	100%	98%	98%
Sure Klean [®] Custom Masonry Cleaner	1:4	99%	98%	98%
Sure Klean [®] Custom Masonry Cleaner	1:6	98%	98%	98%
"Declaration Red	" Smooth-fa	ce CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean® Custom Masonry Cleaner	1:2	100%	100%	100%
Sure Klean [®] Custom Masonry Cleaner	1:4	99%	99%	98%
Sure Klean [®] Custom Masonry Cleaner	1:6	99%	99%	98%
"Heritage Beig	e" Split-face	CMU	•	•
Product	Dilution	3 day	7 day	14 day
Sure Klean® Custom Masonry Cleaner	1:2	100%	98%	98%
Sure Klean [®] Custom Masonry Cleaner	1:4	100%	98%	98%
Sure Klean [®] Custom Masonry Cleaner	1:6	98%	98%	95%
"Heritage Beige"	" Smooth-fac	e CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	100%	100%
Sure Klean® Custom Masonry Cleaner	1:4	100%	100%	100%
Sure Klean [®] Custom Masonry Cleaner	1:6	100%	100%	98%
"Imported Line	n" Split-face	CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	98%	98%
Sure Klean [®] Custom Masonry Cleaner	1:4	100%	98%	98%
Sure Klean [®] Custom Masonry Cleaner	1:6	98%	98%	98%
"Imported Linen"	" Smooth-fac	ce CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	99%	99%
Sure Klean [®] Custom Masonry Cleaner	1:4	99%	99%	99%
Sure Klean [®] Custom Masonry Cleaner	1:6	99%	98%	95%
"Market Square Ma	arble" Split-f	ace CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	98%	95%	95%
Sure Klean [®] Custom Masonry Cleaner	1:4	98%	95%	95%
Sure Klean [®] Custom Masonry Cleaner	1:6	98%	95%	95%
"Market Square Mar	ble" Smooth	-face CMU		
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%	98%
Sure Klean [®] Custom Masonry Cleaner	1:6	99%	98%	95%



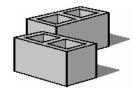


Page 7

Test Results – New Construction Cleaning

"Mountain Sar	nd" Split-face	CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	99%	98%	90%
Sure Klean [®] Custom Masonry Cleaner	1:4	98%	95%	90%
Sure Klean [®] Custom Masonry Cleaner	1:6	95%	95%	90%
"Mountain Sand	" Smooth-fac	ce CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean® Custom Masonry Cleaner	1:2	99%	99%	98%
Sure Klean [®] Custom Masonry Cleaner	1:4	99%	98%	95%
Sure Klean [®] Custom Masonry Cleaner	1:6	99%	98%	95%
"Parchment	" Split-face C	MU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	98%	98%
Sure Klean [®] Custom Masonry Cleaner	1:4	98%	98%	98%
Sure Klean® Custom Masonry Cleaner	1:6	98%	95%	95%
"Parchment"	Smooth-face	CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	100%	99%
Sure Klean [®] Custom Masonry Cleaner	1:4	100%	100%	99%
Sure Klean® Custom Masonry Cleaner	1:6	99%	99%	98%
"Portico Dus	t" Split-face (CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	100%	100%
Sure Klean [®] Custom Masonry Cleaner	1:4	100%	100%	100%
Sure Klean® Custom Masonry Cleaner	1:6	100%	100%	100%
"Portico Dust"	Smooth-face	e CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	100%	100%
Sure Klean [®] Custom Masonry Cleaner	1:4	100%	100%	100%
Sure Klean [®] Custom Masonry Cleaner	1:6	100%	100%	100%
"Seaside Tar	n" Split-face (CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	99%	99%
Sure Klean [®] Custom Masonry Cleaner	1:4	100%	98%	98%
Sure Klean [®] Custom Masonry Cleaner	1:6	98%	95%	95%
"Seaside Tan"	Smooth-face	CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	99%	99%
Sure Klean [®] Custom Masonry Cleaner	1:4	100%	99%	99%
Sure Klean [®] Custom Masonry Cleaner	1:6	98%	98%	98%



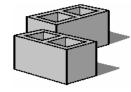


Page 8

Test Results – New Construction Cleaning

"Smokehouse Br	own" Split-fa	ace CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean® Custom Masonry Cleaner	1:2	95%	90%	90%
Sure Klean® Custom Masonry Cleaner	1:4	95%	90%	80%
Sure Klean® Custom Masonry Cleaner	1:6	95%	90%	80%
"Smokehouse Bro	wn" Smooth-	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%	95%
Sure Klean [®] Custom Masonry Cleaner	1:6	98%	95%	90%
"Terrace Room S	Slate" Split-fa	ice CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean® Custom Masonry Cleaner	1:2	100%	100%	100%
Sure Klean [®] Custom Masonry Cleaner	1:4	100%	100%	95%
Sure Klean [®] Custom Masonry Cleaner	1:6	100%	95%	95%
"Terrace Room Sla	ate" Smooth-	face CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	100%	98%
Sure Klean [®] Custom Masonry Cleaner	1:4	100%	100%	98%
Sure Klean [®] Custom Masonry Cleaner	1:6	100%	100%	98%
"Wellhouse Ro	pe" Split-fac	e CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	100%	98%
Sure Klean [®] Custom Masonry Cleaner	1:4	98%	98%	98%
Sure Klean [®] Custom Masonry Cleaner	1:6	98%	98%	98%
"Wellhouse Rop	e" Smooth-fa	ce CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean [®] Custom Masonry Cleaner	1:2	100%	100%	100%
Sure Klean [®] Custom Masonry Cleaner	1:4	100%	99%	99%
Sure Klean [®] Custom Masonry Cleaner	1:6	100%	99%	99%





Page 9

Test Results – Color Uniformity

Substrate: Split-face CMU	Pigment	Color: "Blue Ridge	Haze"
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
Substrate: Smooth-face CMU	Pigment	Color: "Blue Ridge	Haze"
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
Substrate: Split-face CMU	Pigment	Color: "Clay Path F	Red"
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
Substrate: Smooth-face CMU	Pigment	Color: "Clay Path F	Red"
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
	Dilution 1:2		
Sure Klean [®] Custom Masonry Cleaner		Exposure	Alteration/Removal
	1:2	Exposure 4	Alteration/Removal
Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner	1:2 1:4 1:6	Exposure 4 4	Alteration/Removal 4 4 4
Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner	1:2 1:4 1:6	Exposure 4 4 4	Alteration/Removal 4 4 4
Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Substrate: Split-face CMU Product	1:2 1:4 1:6 Pigment	Exposure 4 4 4 Color: "Coachouse Aggregate	Alteration/Removal 4 4 4 Coffee" Surface Pigment
Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Substrate: Split-face CMU	1:2 1:4 1:6 Pigment	Exposure 4 4 4 Color: "Coachouse Aggregate Exposure	Alteration/Removal 4 4 4 Coffee" Surface Pigment Alteration/Removal
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Split-face CMU Product Sure Klean® Custom Masonry Cleaner	1:2 1:4 1:6 Pigment Dilution 1:2	Exposure 4 4 Color: "Coachouse Aggregate Exposure 4	Alteration/Removal 4 4 Coffee" Surface Pigment Alteration/Removal 4
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Split-face CMU Product Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner	1:2 1:4 1:6 Pigment Dilution 1:2 1:4 1:6	Exposure 4 4 4 Color: "Coachouse Aggregate Exposure 4 4	Alteration/Removal 4 4 Coffee" Surface Pigment Alteration/Removal 4 4 4
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Split-face CMU Product Sure Klean® Custom Masonry Cleaner	1:2 1:4 1:6 Pigment Dilution 1:2 1:4 1:6	Exposure 4 4 Color: "Coachouse Aggregate Exposure 4 4 4	Alteration/Removal 4 4 Coffee" Surface Pigment Alteration/Removal 4 4 4
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Split-face CMU Product Sure Klean® Custom Masonry Cleaner Substrate: Smooth-face CMU Product Sure Klean® Custom Masonry Cleaner	1:2 1:4 1:6 Pigment Dilution 1:2 1:4 1:6 Pigment	Exposure 4 4 Color: "Coachouse Aggregate Exposure 4 4 Color: "Coachouse Aggregate	Alteration/Removal 4 4 Coffee" Surface Pigment Alteration/Removal 4 4 Coffee" Surface Pigment
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Split-face CMU Product Sure Klean® Custom Masonry Cleaner Substrate: Smooth-face CMU Product	1:2 1:4 1:6 Pigment Dilution 1:2 1:4 1:6 Pigment Dilution	Exposure 4 4 4 Color: "Coachouse Aggregate Exposure 4 4 Color: "Coachouse Aggregate Exposure	Alteration/Removal 4 4 Coffee" Surface Pigment Alteration/Removal 4 4 Coffee" Surface Pigment Alteration/Removal

Scale used for reporting results of both categories

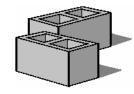
0 – **Worst** match to through-body

3-Good match to through-body

1 – **Poor** match to through-body

4 – **Best** match to through-body





Page 10

Test Results – Color Uniformity

Substrate: Split-face CMU	Pigment	Color: "Colonial Blu	ush"
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
Substrate: Smooth-face CMU	Pigment	Color: "Colonial Blu	ush"
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
Substrate: Split-face CMU	Pigment	Color: "Declaration	Red"
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
Substrate: Smooth-face CMU	Pigment	Color: "Declaration	Red"
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Sure Klean [®] Custom Masonry Cleaner	Dilution 1:2		
Sure Klean [®] Custom Masonry Cleaner		Exposure	Alteration/Removal
	1:2	Exposure 4	Alteration/Removal
Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner	1:2 1:4 1:6	Exposure 4 4	Alteration/Removal 4 4 4
Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner	1:2 1:4 1:6	Exposure 4 4 3	Alteration/Removal 4 4 4
Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Substrate: Split-face CMU Product	1:2 1:4 1:6 Pigment	Exposure 4 4 3 Color: "Heritage Be Aggregate	Alteration/Removal 4 4 4 eige" Surface Pigment
Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Substrate: Split-face CMU	1:2 1:4 1:6 Pigment	Exposure 4 4 3 Color: "Heritage Be Aggregate Exposure	Alteration/Removal 4 4 4 eige" Surface Pigment Alteration/Removal
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Split-face CMU Product Sure Klean® Custom Masonry Cleaner	1:2 1:4 1:6 Pigment Dilution 1:2	Exposure 4 4 3 Color: "Heritage Be Aggregate Exposure 4	Alteration/Removal 4 4 4 eige" Surface Pigment Alteration/Removal 4
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Split-face CMU Product Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner	1:2 1:4 1:6 Pigment Dilution 1:2 1:4 1:6	Exposure 4 4 3 Color: "Heritage Beau Aggregate Exposure 4 4	Alteration/Removal 4 4 4 eige" Surface Pigment Alteration/Removal 4 4 4
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Split-face CMU Product Sure Klean® Custom Masonry Cleaner Substrate: Smooth-face CMU	1:2 1:4 1:6 Pigment Dilution 1:2 1:4 1:6	Exposure 4 4 3 Color: "Heritage Beau Aggregate Exposure 4 4 4	Alteration/Removal 4 4 4 eige" Surface Pigment Alteration/Removal 4 4 4
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Split-face CMU Product Sure Klean® Custom Masonry Cleaner Substrate: Smooth-face CMU Product Sure Klean® Custom Masonry Cleaner	1:2 1:4 1:6 Pigment Dilution 1:2 1:4 1:6 Pigment	Exposure 4 4 3 Color: "Heritage Beau Exposure 4 4 4 Color: "Heritage Beau Exposure	Alteration/Removal 4 4 4 Sige" Surface Pigment Alteration/Removal 4 4 4 Surface Pigment Alteration/Removal Surface Pigment Alteration/Removal
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Split-face CMU Product Sure Klean® Custom Masonry Cleaner Substrate: Smooth-face CMU	1:2 1:4 1:6 Pigment Dilution 1:2 1:4 1:6 Pigment Dilution	Exposure 4 4 3 Color: "Heritage Beau Exposure 4 4 4 Color: "Heritage Beau Exposure 4 4 Exposure Exposure Beau Exposure Aggregate Exposure	Alteration/Removal 4 4 4 eige" Surface Pigment Alteration/Removal 4 4 4 Surface Pigment Alteration/Removal 4 Alteration/Removal Alteration/Removal

Scale used for reporting results of both categories

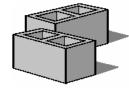
0 – **Worst** match to through-body

3-Good match to through-body

1 – **Poor** match to through-body

4 – **Best** match to through-body





Page 11

Test Results – Color Uniformity

Substrate: Split-face CMU	Pigment Color: "Imported Linen"			
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	
Substrate: Smooth-face CMU	Pigment	Color: "Imported Li	nen"	
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	
Substrate: Split-face CMU	Pigment	Color: "Market Squ	are Marble"	
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	
Substrate: Smooth-face CMU	Pigment	Color: "Market Squ	are Marble"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	
Sure Klean [®] Custom Masonry Cleaner	Dilution 1:2			
Sure Klean [®] Custom Masonry Cleaner		Exposure	Alteration/Removal	
	1:2	Exposure 4	Alteration/Removal	
Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner	1:2 1:4 1:6	Exposure 4 4	Alteration/Removal 4 4 4	
Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner	1:2 1:4 1:6	Exposure 4 4 4	Alteration/Removal 4 4 4	
Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Substrate: Split-face CMU Product	1:2 1:4 1:6 Pigment	Exposure 4 4 4 Color: "Mountain S Aggregate	Alteration/Removal 4 4 4 and" Surface Pigment	
Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Substrate: Split-face CMU	1:2 1:4 1:6 Pigment	Exposure 4 4 4 Color: "Mountain S Aggregate Exposure	Alteration/Removal 4 4 4 and" Surface Pigment Alteration/Removal	
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Split-face CMU Product Sure Klean® Custom Masonry Cleaner	1:2 1:4 1:6 Pigment Dilution 1:2	Exposure 4 4 4 Color: "Mountain S Aggregate Exposure 4	Alteration/Removal 4 4 4 and" Surface Pigment Alteration/Removal 4	
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Split-face CMU Product Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner	1:2 1:4 1:6 Pigment Dilution 1:2 1:4 1:6	Exposure 4 4 4 Color: "Mountain S Aggregate Exposure 4 4	Alteration/Removal 4 4 4 and" Surface Pigment Alteration/Removal 4 4 4	
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Split-face CMU Product Sure Klean® Custom Masonry Cleaner	1:2 1:4 1:6 Pigment Dilution 1:2 1:4 1:6	Exposure 4 4 4 Color: "Mountain S Aggregate Exposure 4 4 4	Alteration/Removal 4 4 4 and" Surface Pigment Alteration/Removal 4 4 4	
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Split-face CMU Product Sure Klean® Custom Masonry Cleaner Substrate: Smooth-face CMU Product Sure Klean® Custom Masonry Cleaner	1:2 1:4 1:6 Pigment Dilution 1:2 1:4 1:6 Pigment	Exposure 4 4 4 Color: "Mountain S Aggregate Exposure 4 4 4 Color: "Mountain S Aggregate	Alteration/Removal 4 4 4 and" Surface Pigment Alteration/Removal 4 4 4 Surface Pigment Alteration/Removal Surface Pigment Alteration/Removal	
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Split-face CMU Product Sure Klean® Custom Masonry Cleaner Substrate: Smooth-face CMU Product	1:2 1:4 1:6 Pigment Dilution 1:2 1:4 1:6 Pigment Dilution	Exposure 4 4 4 Color: "Mountain S Aggregate Exposure 4 4 4 Color: "Mountain S Aggregate Exposure	Alteration/Removal 4 4 4 and" Surface Pigment Alteration/Removal 4 4 4 Surface Pigment Alteration/Removal 4 4 4 Alteration/Removal Surface Pigment Alteration/Removal	

Scale used for reporting results of both categories

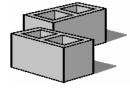
0 – **Worst** match to through-body

3-Good match to through-body

1 – **Poor** match to through-body

4 – **Best** match to through-body





Page 12

Test Results – Color Uniformity

Cult strate: Calit foco CMII	Diamont	Calari "Darahmant"		
Substrate: Split-face CMU	Pigment Color: "Parchment"			
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	
Substrate: Smooth-face CMU	Pigment	Color: "Parchment"		
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	
Substrate: Split-face CMU	Pigment	Color: "Portico Dus	t"	
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	
Substrate: Smooth-face CMU	Pigment	Color: "Portico Dus	t"	
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	4	
Substrate: Split-face CMU	Pigment	Color: "Seaside Ta	n"	
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	
Ourc Mouri Ouston Mussonly Occarior	Pigment Color: "Seaside Tan"			
Substrate: Smooth-face CMU	Pigment	Color. Seasine rai		
Substrate: Smooth-face CMU Product	Pigment Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	
Substrate: Smooth-face CMU Product		Aggregate	Surface Pigment	
Substrate: Smooth-face CMU	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	

Scale used for reporting results of both categories

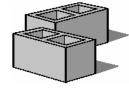
0 – **Worst** match to through-body

3 - Good match to through-body

1 – **Poor** match to through-body

4 – **Best** match to through-body





Page 13

Test Results – Color Uniformity

Substrate: Split-face CMU Pigment Color: "Smokehouse Brown"				
Substrate: Split-face CMU				
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	
Substrate: Smooth-face CMU	Pigment	Color: "Smokehous	se 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	3	4	
Substrate: Split-face CMU	Pigment	Color: "Terrace Ro	om Slate"	
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	
Substrate: Smooth-face CMU	Pigment	Color: "Terrace Ro	om Slate"	
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	
Substrate: Split-face CMU	Pigment	Color: "Wellhouse	Rope"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	
	Dilution 1:2		Surface Pigment Alteration/Removal	
Sure Klean [®] Custom Masonry Cleaner		Exposure	Alteration/Removal	
	1:2	Exposure 4	Alteration/Removal	
Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner	1:2 1:4 1:6	Exposure 4 4	Alteration/Removal 4 4 4	
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Smooth-face CMU Product	1:2 1:4 1:6	Exposure 4 4 4	Alteration/Removal 4 4 4	
Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Sure Klean® Custom Masonry Cleaner Substrate: Smooth-face CMU Product	1:2 1:4 1:6 Pigment	Exposure 4 4 4 Color: "Wellhouse Aggregate	Alteration/Removal 4 4 4 Rope" Surface Pigment	
Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Sure Klean [®] Custom Masonry Cleaner Substrate: Smooth-face CMU	1:2 1:4 1:6 Pigment	Exposure 4 4 4 Color: "Wellhouse Aggregate Exposure	Alteration/Removal 4 4 4 Rope" Surface Pigment Alteration/Removal	

Scale used for reporting results of both categories

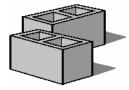
0 – **Worst** match to through-body

3 - Good match to through-body

1 – **Poor** match to through-body

4 – **Best** match to through-body





Page 14

Photographs - New Construction Cleaning

"Heritage Beige" Split-face; 3 Day Cleaning



Sure Klean®

Custom

Masonry Cleaner (1:6)



Untreated Control

Sure Klean®

Custom

Masonry

Cleaner (1:4)

"Heritage Beige" Split-face; 7 Day Cleaning



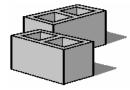


Sure Klean[®]
Custom
Masonry
Cleaner (1:4)

Sure Klean[®]
Custom
Masonry
Cleaner (1:6)

Untreated Control





Page 15

Photographs - New Construction Cleaning

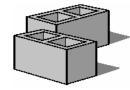
"Heritage Beige" Split-face; 14 Day Cleaning



"Heritage Beige" Smooth-face; 3 Day Cleaning



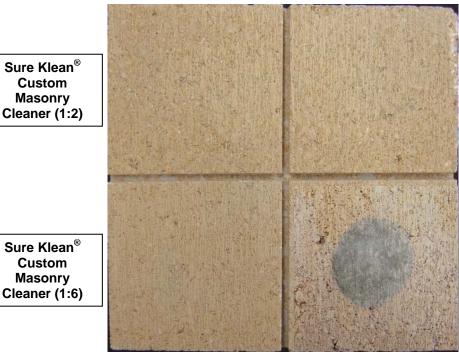




Page 16

Photographs - New Construction Cleaning

"Heritage Beige" Smooth-face; 7 Day Cleaning



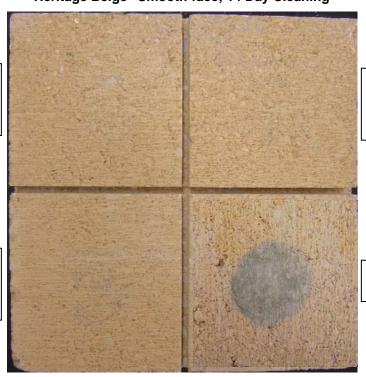
Sure Klean® Custom Masonry Cleaner (1:4)

Custom Masonry Cleaner (1:6)

Untreated Control

"Heritage Beige" Smooth-face; 14 Day Cleaning



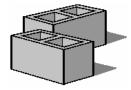


Sure Klean® Custom Masonry Cleaner (1:4)

Sure Klean® Custom Masonry Cleaner (1:6)

Untreated Control





Page 17

Photographs - Color Uniformity

"Heritage Beige" 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)

Throughbody



Sure Klean[®]
Custom
Masonry
Cleaner (1:2)

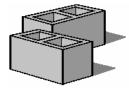


Sure Klean[®]
Custom
Masonry
Cleaner (1:4)

Sure Klean[®]
Custom
Masonry
Cleaner (1:6)

Throughbody





Page 18

Conclusions - New Construction Cleaning

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

Recommendations - New Construction Cleaning

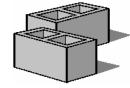
Recommendations for cleaning for each type of CMU submitted by Block USA – Jasper, AL Plant, Birmingham, AL are provided in the chart below. Recommendations are based on the optimum dilution for complete removal of mortar while providing the best match to the through-body color of the CMU's.

Sample	New Construction Cleaning (Type S mortar, 14 day cleaning)
"Smokehouse Brown" Split-face CMU	Sure Klean [®] Custom Masonry Cleaner (1:2)
"Declaration Red" Smooth-face CMU "Portico Dust" Smooth-face CMU "Smokehouse Brown" Smooth-face CMU	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4)
All Other Submitted CMU's	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)

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 19

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® Custom Masonry Sealer – A clear, solvent-based silicone elastomer formulated to weatherproof custom masonry units, cast stone, architectural concrete block, pre-cast concrete, wood and porous masonry. Custom Masonry Sealer penetrates and fills pores to prevent water penetration through exterior walls exposed to normal weathering.

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

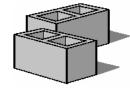
The submitted blocks were scored and allowed to dry for at least 24 hours prior to treatment. Sure Klean[®] Custom Masonry Sealer, Sure Klean[®] Weather Seal Blok-Guard[®] & Graffiti Control II and Sure Klean[®] Weather Seal Siloxane WB Concentrate diluted with nine parts water were applied by a wet-on-wet brushing application in accordance with the PROSOCO, Inc. Product Data Sheet instructions and allowed to cure for at least 72 hours

Test Methods – 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.





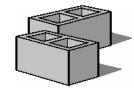
Page 20

Test Results – Protective Water Repellents

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

	RESULTS
"Blue Ridge Haze" Split-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	59 mph
Siloxane WB Concentrate 1:9	60 mph
"Blue Ridge Haze" Smooth-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Clay Path Red" Split-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Clay Path Red" Smooth-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Coachouse Coffee" Split-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	58 mph
"Coachouse Coffee" Smooth-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	59 mph
Siloxane WB Concentrate 1:9	60 mph
"Colonial Blush" Split-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	59 mph
Siloxane WB Concentrate 1:9	60 mph
"Colonial Blush" Smooth-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard [®] & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph





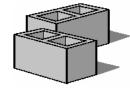
Page 21

Test Results – Protective Water Repellents

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

	RESULTS
"Declaration Red" Split-face CMU	
Untreated Control	58 mph
Custom Masonry Sealer	60 mph
Blok-Guard [®] & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Declaration Red" Smooth-face CMU	
Untreated Control	59 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Heritage Beige" Split-face CMU	
Untreated Control	44 mph
Custom Masonry Sealer	60 mph
Blok-Guard [®] & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	59 mph
"Heritage Beige" Smooth-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard [®] & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Imported Linen" Split-face CMU	
Untreated Control	48 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	59 mph
Siloxane WB Concentrate 1:9	59 mph
"Imported Linen" Smooth-face CMU	
Untreated Control	59 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Market Square Marble" Split-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard [®] & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Market Square Marble" Smooth-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	59 mph
Siloxane WB Concentrate 1:9	60 mph





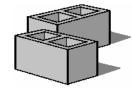
Page 22

Test Results – Protective Water Repellents

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

	RESULTS
"Mountain Sand" Split-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	59 mph
Siloxane WB Concentrate 1:9	59 mph
"Mountain Sand" Smooth-face CMU	
Untreated Control	55 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Parchment" Split-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Parchment" Smooth-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Portico Dust" Split-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard [®] & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Portico Dust" Smooth-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Seaside Tan" Split-face CMU	
Untreated Control	56 mph
Custom Masonry Sealer	60 mph
Blok-Guard [®] & Graffiti Control II	59 mph
Siloxane WB Concentrate 1:9	60 mph
"Seaside Tan" Smooth-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard [®] & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph





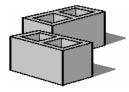
Page 23

Test Results – Protective Water Repellents

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

	RESULTS
"Smokehouse Brown" Split-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Smokehouse Brown" Smooth-face CMU	
Untreated Control	57 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Terrace Room Slate" Split-face CMU	
Untreated Control	55 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Terrace Room Slate" Smooth-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Wellhouse Rope" Split-face CMU	
Untreated Control	<40 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph
"Wellhouse Rope" Smooth-face CMU	
Untreated Control	55 mph
Custom Masonry Sealer	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB Concentrate 1:9	60 mph



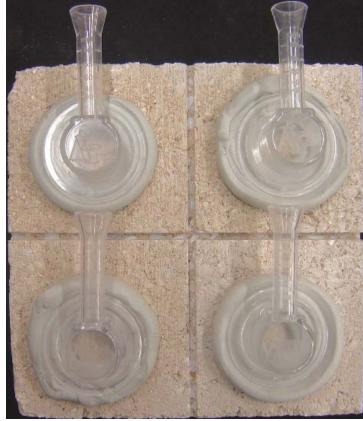


Page 24

Photographs - Protective Water Repellents

"Seaside Tan" Smooth-face CMU; RILEM Testing



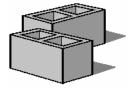


Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)

Sure Klean[®]
Custom Masonry
Sealer

Untreated Control





Page 25

Conclusions – Protective Water Repellents

Based upon laboratory evaluations, Sure Klean[®] Custom Masonry Sealer, 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[®] Custom Masonry Sealer and 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 cause any noticeable change in the appearance of the submitted samples.

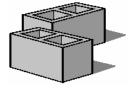
Recommendations - Protective Water Repellents

Recommendations for water repellency treatment for each type of CMU submitted by Block USA – Jasper, AL Plant, Birmingham, AL 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 [®] Custom Masonry Sealer OR 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 26

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® Custom Masonry Sealer – A clear, solvent-based silicone elastomer formulated to weatherproof custom masonry units, cast stone, architectural concrete block, pre-cast concrete, wood and porous masonry. Custom Masonry Sealer penetrates and fills pores to prevent water penetration through exterior walls exposed to normal weathering.

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

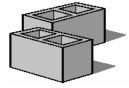
Defacer Eraser[®] **Graffiti Wipe** – An easy-to-use graffiti remover that does not contain methanol, methylene chloride or other halogenated solvents prohibited on many projects. Graffiti Wipe removes a variety of graffiti stains from most smooth masonry, split-face concrete block, wood and metal surfaces.

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 27

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 with Sure Klean[®] Custom Masonry Sealer and Sure Klean[®] Weather Seal Blok-Guard[®] & Graffiti Control II in a wet-on-wet brushing application in accordance with the PROSOCO, Inc. Product Data Sheet application instructions 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

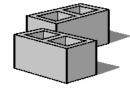
Chemical cleaners were evaluated using the following procedure:

- 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.

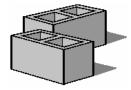




OSOCO, Inc. Page 28

"Blue Ridge Haze" Split-face CMU						
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	85%	90%	40%	50%	66%	
Graffiti Wipe	85%	90%	40%	50%	66%	
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	95%	98%	90%	90%	93%	
Graffiti Wipe	95%	98%	90%	90%	93%	
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	95%	98%	70%	50%	78%	
Graffiti Wipe	95%	98%	70%	50%	78%	
	"Blue Rid	ge Haze" Smo	oth-face CMU			
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	85%	100%	50%	90%	81%	
Graffiti Wipe	90%	85%	50%	60%	71%	
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	98%	100%	98%	99%	99%	
Graffiti Wipe	98%	99%	95%	95%	97%	
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	95%	99%	50%	99%	86%	
Graffiti Wipe	95%	90%	50%	60%	74%	
	"Clay F	Path Red" Spli	t-face CMU			
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	90%	100%	50%	95%	84%	
Graffiti Wipe	50%	80%	50%	90%	68%	
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	95%	100%	95%	100%	98%	
Graffiti Wipe	95%	100%	95%	100%	98%	
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	95%	100%	80%	100%	94%	
Graffiti Wipe	95%	100%	80%	100%	94%	
	"Clay Pa	th Red" Smoo	th-face CMU			
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	95%	98%	50%	90%	83%	
Graffiti Wipe	95%	50%	50%	90%	71%	
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	100%	100%	95%	100%	99%	
Graffiti Wipe	100%	95%	95%	100%	98%	
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	100%	100%	90%	95%	96%	
Graffiti Wipe	98%	90%	90%	90%	92%	

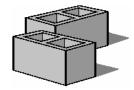




OSOCO, Inc. Page 29

"Coachouse Coffee" Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	90%	50%	90%	79%
Graffiti Wipe	30%	20%	50%	90%	48%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	100%	95%	95%	97%
Graffiti Wipe	98%	100%	95%	95%	97%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	90%	95%	95%
Graffiti Wipe	95%	100%	90%	95%	95%
	"Coachous	se Coffee" Sm	ooth-face CMU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	95%	70%	85%	85%
Graffiti Wipe	30%	40%	70%	85%	56%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	98%	98%	99%
Graffiti Wipe	99%	95%	85%	95%	94%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	85%	95%	95%
Graffiti Wipe	99%	95%	85%	95%	94%
	"Colon	ial Blush" Spli	t-face CMU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	90%	50%	50%	70%
Graffiti Wipe	30%	30%	50%	50%	40%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	90%	90%	95%
Graffiti Wipe	100%	100%	90%	90%	95%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	100%	100%	50%	80%	83%
Graffiti Wipe	100%	100%	50%	80%	83%
	"Colonia	l Blush" Smoo	th-face CMU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	95%	70%	90%	85%
Graffiti Wipe	30%	50%	70%	90%	60%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	100%	95%	99%	98%
Graffiti Wipe	100%	98%	95%	99%	98%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	100%	95%	99%	98%
Graffiti Wipe	98%	98%	95%	99%	98%

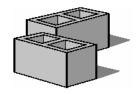




OSOCO, Inc. Page 30

	"Declaration Red" Split-face CMU						
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal		
Fast Acting Stripper	85%	90%	30%	50%	64%		
Graffiti Wipe	50%	20%	30%	50%	38%		
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal		
Fast Acting Stripper	95%	100%	90%	95%	95%		
Graffiti Wipe	95%	98%	90%	95%	95%		
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal		
Fast Acting Stripper	90%	100%	50%	95%	84%		
Graffiti Wipe	90%	98%	50%	90%	82%		
	"Declarat	ion Red" Smo	oth-face CMU				
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal		
Fast Acting Stripper	85%	100%	80%	90%	89%		
Graffiti Wipe	60%	20%	30%	40%	38%		
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal		
Fast Acting Stripper	98%	100%	85%	99%	96%		
Graffiti Wipe	100%	98%	85%	98%	95%		
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal		
Fast Acting Stripper	98%	100%	85%	98%	95%		
Graffiti Wipe	98%	99%	85%	95%	94%		
	"Herita	ge Beige" Spli	t-face CMU				
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal		
Fast Acting Stripper	80%	85%	30%	50%	61%		
Graffiti Wipe	80%	30%	30%	50%	48%		
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal		
Fast Acting Stripper	90%	98%	95%	95%	95%		
Graffiti Wipe	99%	98%	95%	95%	97%		
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal		
Fast Acting Stripper	90%	90%	50%	70%	75%		
Graffiti Wipe	90%	90%	50%	70%	75%		
	"Heritage	e Beige" Smoo	th-face CMU				
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal		
Fast Acting Stripper	90%	90%	60%	50%	73%		
Graffiti Wipe	95%	30%	30%	50%	51%		
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal		
Fast Acting Stripper	95%	100%	95%	95%	96%		
Graffiti Wipe	95%	100%	95%	95%	96%		
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal		
Fast Acting Stripper	95%	98%	90%	90%	93%		
Graffiti Wipe	95%	95%	90%	90%	93%		

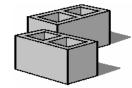




Page 31

"Imported Linen" Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	50%	80%	20%	30%	45%
Graffiti Wipe	50%	50%	20%	30%	38%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	80%	70%	80%	78%
Graffiti Wipe	95%	50%	30%	50%	56%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	70%	30%	50%	58%
Graffiti Wipe	95%	50%	30%	50%	56%
	"Importe	d Linen" Smoo	oth-face CMU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	80%	40%	60%	65%
Graffiti Wipe	80%	20%	20%	30%	38%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	95%	90%	80%	90%
Graffiti Wipe	98%	95%	90%	80%	91%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	90%	50%	60%	74%
Graffiti Wipe	98%	70%	50%	60%	70%
	"Market So	quare Marble"	Split-face CMU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	90%	20%	40%	58%
Graffiti Wipe	60%	50%	20%	40%	43%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	98%	90%	80%	91%
Graffiti Wipe	95%	95%	90%	80%	90%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	95%	30%	50%	68%
Graffiti Wipe	95%	90%	30%	50%	66%
"Market Square Marble" Smooth-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	70%	90%	30%	60%	63%
Graffiti Wipe	50%	30%	20%	60%	40%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	98%	98%	95%	97%
Graffiti Wipe	95%	98%	95%	95%	96%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	98%	70%	90%	89%
Graffiti Wipe	98%	50%	50%	60%	65%

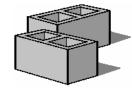




OSOCO, Inc. Page 32

"Mountain Sand" Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	70%	10%	60%	55%
Graffiti Wipe	60%	10%	10%	50%	33%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	98%	95%	90%	95%
Graffiti Wipe	95%	95%	95%	90%	94%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	98%	30%	80%	75%
Graffiti Wipe	90%	50%	30%	80%	63%
	"Mounta	in Sand" Smoo	th-face CMU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	95%	60%	60%	76%
Graffiti Wipe	95%	80%	60%	60%	74%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	95%	90%	95%	94%
Graffiti Wipe	100%	90%	90%	95%	94%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	95%	70%	80%	85%
Graffiti Wipe	100%	90%	70%	80%	85%
	"Parc	hment" Split-f	ace CMU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	50%	20%	10%	10%	23%
Graffiti Wipe	50%	20%	10%	10%	23%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	98%	95%	90%	93%
Graffiti Wipe	98%	99%	95%	95%	97%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	80%	50%	50%	66%
Graffiti Wipe	95%	80%	50%	50%	69%
"Parchment" Smooth-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	60%	90%	10%	60%	55%
Graffiti Wipe	50%	30%	10%	10%	25%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	98%	98%	98%
Graffiti Wipe	99%	100%	98%	98%	99%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	90%	50%	70%	76%
Graffiti Wipe	95%	80%	50%	50%	69%

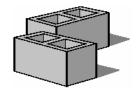




OSOCO, Inc. Page 33

"Portico Dust" Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	80%	30%	50%	60%
Graffiti Wipe	20%	10%	40%	50%	30%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	95%	95%	95%	94%
Graffiti Wipe	99%	95%	95%	98%	97%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	90%	50%	90%	80%
Graffiti Wipe	95%	80%	40%	60%	69%
	"Portice	Dust" Smoot	h-face CMU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	60%	80%	50%	80%	68%
Graffiti Wipe	30%	10%	40%	60%	35%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	99%	98%	98%	98%
Graffiti Wipe	95%	99%	98%	98%	98%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	95%	80%	90%	90%
Graffiti Wipe	95%	90%	70%	80%	84%
	"Seas	ide Tan" Split-	face CMU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	60%	60%	10%	20%	38%
Graffiti Wipe	20%	20%	10%	20%	18%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	98%	90%	85%	91%
Graffiti Wipe	98%	98%	90%	85%	93%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	80%	30%	40%	59%
Graffiti Wipe	85%	80%	30%	40%	59%
"Seaside Tan" Smooth-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	70%	85%	10%	20%	46%
Graffiti Wipe	40%	10%	10%	20%	20%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	98%	90%	95%	95%
Graffiti Wipe	99%	98%	90%	95%	96%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	90%	40%	80%	75%
Graffiti Wipe	90%	80%	40%	60%	68%

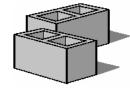




OSOCO, Inc. Page 34

"Smokehouse Brown" Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	90%	10%	40%	55%
Graffiti Wipe	80%	20%	10%	40%	38%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	90%	90%	94%
Graffiti Wipe	95%	100%	90%	90%	94%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	95%	80%	90%	90%
Graffiti Wipe	90%	90%	80%	90%	88%
	"Smokehou	ise Brown" Sm	nooth-face CMU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	100%	50%	60%	74%
Graffiti Wipe	60%	20%	20%	20%	30%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	80%	95%	93%
Graffiti Wipe	95%	80%	80%	90%	86%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	80%	95%	93%
Graffiti Wipe	95%	70%	70%	80%	79%
	"Terrace	Room Slate" S	plit-face CMU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	90%	10%	80%	66%
Graffiti Wipe	85%	90%	10%	60%	61%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	90%	95%	95%
Graffiti Wipe	98%	100%	90%	95%	96%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	50%	95%	84%
Graffiti Wipe	90%	100%	50%	90%	83%
"Terrace Room Slate" Smooth-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	60%	95%	50%	95%	75%
Graffiti Wipe	80%	50%	50%	50%	58%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	99%	99%	99%
Graffiti Wipe	99%	100%	98%	99%	99%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	99%	80%	95%	93%
Graffiti Wipe	98%	99%	80%	90%	92%

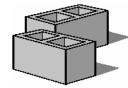




Page 35

"Wellhouse Rope" Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	70%	90%	20%	80%	65%
Graffiti Wipe	30%	10%	20%	20%	20%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	95%	90%	94%
Graffiti Wipe	98%	100%	95%	90%	96%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	50%	80%	80%
Graffiti Wipe	90%	95%	50%	80%	79%
"Wellhouse Rope" Smooth-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	70%	95%	50%	95%	78%
Graffiti Wipe	20%	30%	50%	80%	45%
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	95%	80%	95%	91%
Graffiti Wipe	98%	95%	80%	95%	92%
Blok-Guard [®] & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	98%	80%	90%	91%
Graffiti Wipe	95%	95%	80%	90%	90%

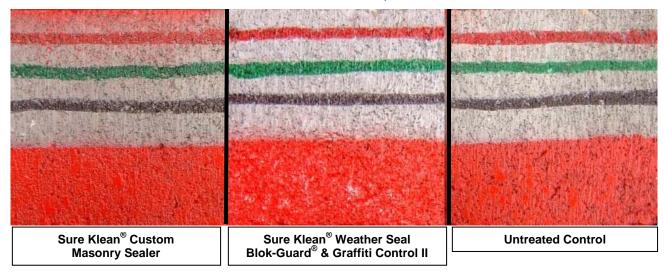




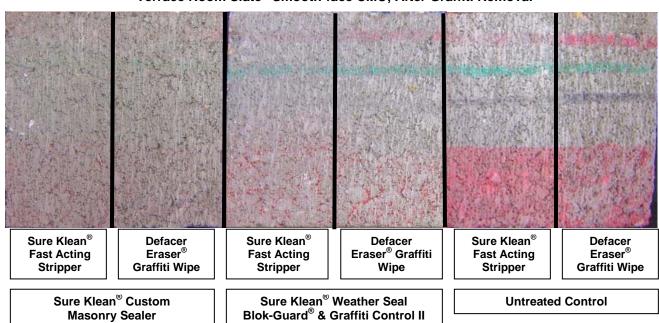
Page 36

Photographs - Graffiti Control

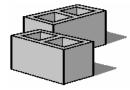
"Terrace Room Slate" Smooth-face CMU; Before Graffiti Removal



"Terrace Room Slate" Smooth-face CMU; After Graffiti Removal







Page 37

Conclusions – Graffiti Control

Based upon laboratory evaluations, graffiti removal was improved when the submitted samples were treated with Sure Klean[®] Custom Masonry Sealer or Sure Klean[®] Weather Seal Blok-Guard[®] & Graffiti Control II prior to graffiti application. In addition, Sure Klean[®] Custom Masonry Sealer and 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 CMU submitted by Block USA – Jasper, AL Plant, Birmingham, AL 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.

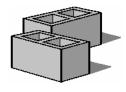
Sample	Graffiti Repellents	Graffiti Removers
All Submitted CMU's	Sure Klean [®] Custom Masonry Sealer OR Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II	Defacer Eraser [®] Graffiti Wipe OR Sure Klean [®] Fast Acting Stripper

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

Block USA – Jasper, AL Plant Birmingham, AL

Project No. 0508-12 PTP

Prepared For:

Block USA 2570 Ruffner Road Birmingham, AL 35210

Prepared By:

PROSOCO, Inc. September 2005