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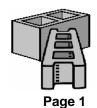
#### **Attachments**

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



Subject:

# PALLET TAG PROGRAM LABORATORY REPORT



PROSOCO, Inc.

## **Submitted Information**

For: Tom Lane

**cc:** Steve Dean John Bourne

Foster Southeastern, Inc. (An Old Castle Company)

Holbrook, MA

Date: December 29, 2005

**Project:** 0509-04 PTP

Samples Submitted: 12 types of CMU's, 9 split-face and 3 smooth-face, and 4 types of "Quik-Brik" concrete

brick

Block	Name	Color	Integral Water Repellent	Size
Smooth-face CMU	"8-10 Powdersmooth"	Cream	Dry-Block <sup>®</sup>	8" x 16" x 12"
Split-face CMU	"Brownstone"	Brown	Dry-Block <sup>®</sup>	8" x 16" x 12"
Split-face CMU	"Charcoal"	Charcoal	Dry-Block <sup>®</sup>	8" x 16" x 12"
Split-face CMU	"Ivory"	Light Yellow	None	8" x 16" x 8"
Split-face CMU	"Pembroke"	Orange	Dry-Block <sup>®</sup>	8" x 16" x 4"
Split-face CMU	"Red"	Red	Dry-Block <sup>®</sup>	8" x 16" x 4"
Split-face CMU	"Rose Tan"	Light Brown	Dry-Block <sup>®</sup>	8" x 16" x 4"
Smooth-face CMU	"Rose Tan"	Light Brown	Dry-Block <sup>®</sup>	8" x 16" x 4"
Split-face CMU	"WT-6"	Light Tan	Dry-Block <sup>®</sup>	8" x 16" x 4"
Smooth-face CMU	"WT-6"	Light Tan	Dry-Block <sup>®</sup>	8" x 16" x 4"
Split-face CMU	"YW-93 w/ Dry-Block <sup>®</sup> "	Yellow	Dry-Block <sup>®</sup>	8" x 16" x 4"
Split-face CMU	"YW-93 w/o Dry-Block <sup>®</sup> "	Yellow	None	8" x 16" x 4"
"Quik-Brik"	"Buffstone"	Beige/Charcoal	Dry-Block <sup>®</sup>	4" x 16" x 4"
"Quik-Brik"	"Promond"	Red/Charcoal	Dry-Block <sup>®</sup>	4" x 16" x 4"
"Quik-Brik"	"Autumn"	Beige/Brown	Dry-Block <sup>®</sup>	4" x 16" x 12"
"Quik-Brik"	"Cedarwood"	Tan/Brown	Dry-Block <sup>®</sup>	8" x 16" x 12"

Submitted by: Tom Lane





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### **Purpose of Testing**

Nine types of split-face and three types of smooth-face integrally colored CMU's and four types of "Quik-Brik" concrete brick, 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<sup>®</sup> Custom Masonry Cleaner and Sure Klean<sup>®</sup> Concrete Brick Cleaner were evaluated for removal of laboratory applied mortar. Evaluations were made to determine the optimal concentration of cleaner that leaves the external surface looking most like the natural through-body color of the submitted CMU's or to the untreated surface of the submitted concrete brick.

To simulate new construction soiling, all submitted samples were placed on a bench with finished surface facing upward. Hollow cylinders measuring 50 mm in diameter and 75 mm tall were positioned on top of each sample and filled with a wet mixture of Type S mortar. The wet, mortar-filled cylinder was allowed to remain in contact with the samples 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, 7 and 14 days of curing.

<u>Color Uniformity: CMU's</u> – 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 the 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 the 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'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. If 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.

<u>Color Uniformity: Concrete Brick</u> – Color uniformity was evaluated by comparing aggregate exposure and surface pigment alternation/removal of each cleaned surface compared to the untreated surface of the submitted concrete brick.

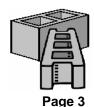
<u>Aggregate Exposure</u> is the visual examination comparing aggregate exposure of the untreated surface of the concrete brick to surfaces cleaned with the selected product(s) at given dilutions.

<u>Surface Pigment Alteration/Removal</u> is the visual examination comparing the surface pigmentation of the untreated surface of the concrete brick to surfaces cleaned with the selected product(s) at given dilutions.

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

- 0 **Worst** match to untreated surface
- 1 **Poor** match to untreated surface
- 2 Fair match to untreated surface
- 3 Good match to untreated surface
- 4 **Best** match to untreated surface





PROSOCO, Inc.

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

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





# Products Evaluated

## **New Construction Cleaning Products Evaluated**

Sample	Product	Dilution
All Submitted CMU's	Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:2, 1:4, 1:6
All Submitted "Quik-Brik"	Sure Klean <sup>®</sup> Concrete Brick Cleaner	1:2, 1:3

### **Water Repellent Products Evaluated**

Sample	Product	Dilution
All Submitted CMU's	Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control	Concentrate
and "Quik-Brik"	Sure Klean <sup>®</sup> Weather Seal Siloxane WB Concentrate	1:9

### **Graffiti Control Products Evaluated**

Sample	Product	Dilution
All Submitted CMU's and "Quik-Brik"	Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control	Concentrate

### **Graffiti Removal Products Evaluated**

Sample	Product	Dilution
All Submitted CMU's	Sure Klean <sup>®</sup> Fast Acting Stripper	Concentrate
and "Quik-Brik"	Defacer Eraser <sup>®</sup> Graffiti Wipe	Concentrate





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### **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 and concrete brick, while providing the best color uniformity when compared to the through-body color of the CMU's or to the untreated surface of the submitted concrete brick.

Type S mortar was prepared in compliance with the manufacturer's instructions, applied to the CMU and concrete brick surfaces 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. Visual examinations were made to determine the optimal dilution of the tested cleaners that provide the best color uniformity when compared to the through-body color of the CMU's or to the untreated surface of the submitted concrete brick.

### **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.

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

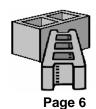
#### **Test Method** – New Construction Cleaning

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 for mortar removal.
- 7. Break the CMU's in half and compare the color of the through-body surfaces to the cleaned surfaces for the best match.
- 8. Visually compare the color of the cleaned surfaces of the concrete brick to an untreated surface for the best match.
- \* Pressure rinsing was conducted at approximately 700-800 psi with a warm water flow rate of 8 gallons per minute.



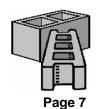


**Test Results** – New Construction Cleaning

% removal

"8-10 Powdersm	nooth" Smoot	h-face CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:2	100%	100%	100%
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:4	100%	100%	100%
Sure Klean® Custom Masonry Cleaner	1:6	100%	100%	100%
	ne" Split-fac			
Product	Dilution	3 day	7 day	14 day
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:2	100%	98%	98%
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:4	95%	95%	95%
Sure Klean® Custom Masonry Cleaner	1:6	95%	95%	95%
	al" Split-face	CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:2	100%	100%	98%
Sure Klean® Custom Masonry Cleaner	1:4	100%	98%	98%
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:6	98%	98%	95%
"lvory"	' Split-face Cl	ИU		•
Product	Dilution	3 day	7 day	14 day
Sure Klean® Custom Masonry Cleaner	1:2	100%	99%	98%
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:4	100%	99%	98%
Sure Klean® Custom Masonry Cleaner	1:6	100%	98%	95%
"Pembrol	ke" 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%	95%	95%
Sure Klean® Custom Masonry Cleaner	1:6	95%	95%	90%
	Split-face CN	/IU		•
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%	95%
Sure Klean® Custom Masonry Cleaner	1:6	98%	98%	95%
"Rose Ta	n" Split-face	CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:2	98%	98%	98%
Sure Klean® Custom Masonry Cleaner	1:4	98%	95%	95%
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:6	98%	95%	90%
"Rose Tan	" Smooth-fac	e CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean® Custom Masonry Cleaner	1:2	100%	100%	100%
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:4	100%	100%	100%
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:6	100%	100%	100%
"WT-6"	' Split-face Cl	MU		
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	95%	95%	95%



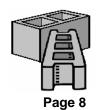


**Test Results** – New Construction Cleaning

% removal

"WT-6" Sı	mooth-face	CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:2	100%	100%	100%
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:4	100%	100%	100%
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:6	100%	100%	95%
"YW-93 w/ Dry-E	Block <sup>®</sup> " Spli	it-face CMU		
Product	Dilution	3 day	7 day	14 day
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:2	100%	100%	100%
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:4	100%	100%	100%
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:6	100%	100%	100%
"YW-93 w/o Dry-	Block <sup>®</sup> " Spl	lit-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%
"Autumn Quik	Brik" Conc	rete Brick		
Product	Dilution	3 day	7 day	14 day
Sure Klean® Concrete Brick Cleaner	1:2	100%	100%	98%
Sure Klean <sup>®</sup> Concrete Brick Cleaner	1:3	100%	100%	98%
"Buffstone Quil	κ-Brik" Con	crete Brick		
Product	Dilution	3 day	7 day	14 day
Sure Klean <sup>®</sup> Concrete Brick Cleaner	1:2	100%	100%	100%
Sure Klean <sup>®</sup> Concrete Brick Cleaner	1:3	100%	100%	100%
"Cedarwood Qui	k-Brik" Cor	ncrete Brick		
Product	Dilution	3 day	7 day	14 day
Sure Klean® Concrete Brick Cleaner	1:2	100%	100%	100%
Sure Klean <sup>®</sup> Concrete Brick Cleaner	1:3	100%	99%	98%
"Promond Quik	-Brik" Con	crete Brick		
Product	Dilution	3 day	7 day	14 day
Sure Klean <sup>®</sup> Concrete Brick Cleaner	1:2	100%	100%	100%
Sure Klean <sup>®</sup> Concrete Brick Cleaner	1:3	100%	100%	98%





Test Results - Color Uniformity: CMU's

Substrate: Smooth-face CMU	Pigment Color: "8-10 Powdersmooth"		
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:2	4	4
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:4	4	4
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:6	4	4
Substrate: Split-face CMU	Pigment C	olor: "Brownstone"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:2	4	4
Sure Klean® Custom Masonry Cleaner	1:4	4	4
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:6	4	4
Substrate: Split-face CMU	Pigment C	olor: "Charcoal"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:2	4	4
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:4	4	4
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:6	4	4
Substrate: Split-face CMU	Pigment C	olor: "Ivory"	
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 C	olor: "Pembroke"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Sure Klean® Custom Masonry Cleaner	1:2	3	3
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:4	3	3
Sure Klean® Custom Masonry Cleaner	1:6	4	4
Substrate: Split-face CMU	Pigment C	olor: "Red"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Sure Klean® Custom Masonry Cleaner	1:2	4	4
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:4	4	4
Sure Klean® Custom Masonry Cleaner	1:6	4	4
Substrate: Split-face CMU	Pigment C	olor: "Rose Tan"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:2	4	4
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:4	4	4
Sure Klean® Custom Masonry Cleaner	1:6	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





Test Results - Color Uniformity: CMU's

Substrate: Smooth-face CMU	Pigment C	olor: "Rose Tan"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:2	4	4
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:4	4	4
Sure Klean® Custom Masonry Cleaner	1:6	4	4
Substrate: Split-face CMU	Pigment Co	olor: "WT-6"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:2	4	4
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:4	4	4
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:6	4	4
Substrate: Smooth-face CMU	Pigment Co	olor: "WT-6"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Sure Klean® Custom Masonry Cleaner	1:2	4	4
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:4	4	4
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:6	4	4
Substrate: Split-face CMU	Pigment Co	olor: "YW-93 w/ Dry-B	lock <sup>®</sup> "
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Sure Klean® Custom Masonry Cleaner	1:2	4	4
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:4	4	4
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:6	4	4
Substrate: Split-face CMU	Pigment Co	olor: "YW-93 w/o Dry-	Block <sup>®</sup> "
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Sure Klean® Custom Masonry Cleaner	1:2	4	4
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:4	4	4
Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:6	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





### **Test Results** – Color Uniformity: Concrete Brick

Substrate: Concrete Brick	Pigment Color: "Autumn Quik-Brik"		
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Sure Klean® Concrete Brick Cleaner	1:2	4	3
Sure Klean® Concrete Brick Cleaner	1:3	4	3
Substrate: Concrete Brick	Pigment Co	lor: "Buffstone Quik-B	rik"
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Sure Klean® Concrete Brick Cleaner	1:2	4	3
Sure Klean® Concrete Brick Cleaner	1:3	4	3
Substrate: Concrete Brick	Pigment Co	lor: "Cedarwood Quik	-Brik"
Substrate: Concrete Brick Product	Pigment Co	lor: "Cedarwood Quik Aggregate Exposure	-Brik" Surface Pigment Alteration/Removal
Substrate: Concrete Brick			Surface Pigment
Substrate: Concrete Brick Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Substrate: Concrete Brick  Product  Sure Klean® Concrete Brick Cleaner	Dilution 1:2 1:3	Aggregate Exposure	Surface Pigment Alteration/Removal 3 3
Substrate: Concrete Brick  Product  Sure Klean® Concrete Brick Cleaner  Sure Klean® Concrete Brick Cleaner  Substrate: Concrete Brick  Product	Dilution 1:2 1:3	Aggregate Exposure  4 4	Surface Pigment Alteration/Removal 3 3
Substrate: Concrete Brick  Product  Sure Klean® Concrete Brick Cleaner  Sure Klean® Concrete Brick Cleaner  Substrate: Concrete Brick	Dilution 1:2 1:3 Pigment Co	Aggregate Exposure  4  4  Ior: "Promond Quik-B	Surface Pigment Alteration/Removal 3 3 rik" Surface Pigment

Scale used for reporting results of both categories

0 – **Worst** match to untreated surface

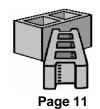
3 - Good match to untreated surface

1 – **Poor** match to untreated surface

4 – **Best** match to untreated surface

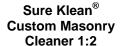
2 - Fair match to untreated surface





Photographs – New Construction Cleaning

"Red" Split-face CMU; 3 Day Cleaning





Sure Klean<sup>®</sup>
Custom Masonry
Cleaner 1:4

Sure Klean<sup>®</sup>
Custom Masonry
Cleaner 1:6

Untreated Control

"Red" Split-face CMU; 7 Day Cleaning





Sure Klean<sup>®</sup> Custom Masonry Cleaner 1:4

Sure Klean<sup>®</sup>
Custom Masonry
Cleaner 1:6

Untreated Control





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### **Photographs** – New Construction Cleaning

"Red" Split-face CMU; 14 Day Cleaning



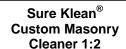


Sure Klean® **Custom Masonry** Cleaner 1:4

Sure Klean® **Custom Masonry** Cleaner 1:6

Untreated Control

### "8-10 Powdersmooth" Smooth-face CMU; 3 Day Cleaning





Sure Klean® **Custom Masonry** Cleaner 1:4

Sure Klean® **Custom Masonry** Cleaner 1:6

Untreated Control



Sure Klean®

Cleaner 1:2

Sure Klean®

Cleaner 1:6

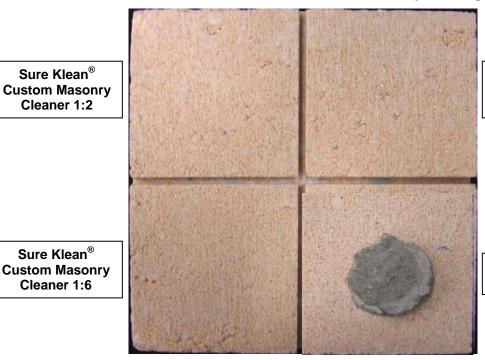
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### **Photographs - New Construction Cleaning**

"8-10 Powdersmooth" Smooth-face CMU; 7 Day Cleaning



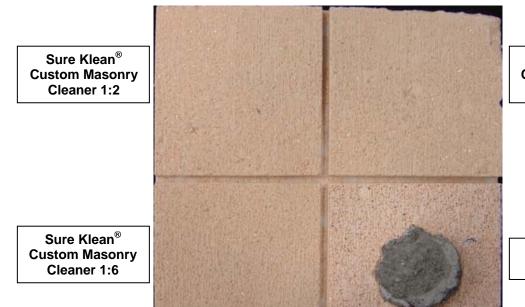
Untreated Control

Sure Klean®

**Custom Masonry** 

Cleaner 1:4

"8-10 Powdersmooth" Smooth-face CMU; 14 Day Cleaning



Sure Klean® **Custom Masonry** Cleaner 1:4

> Untreated Control





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### **Photographs** - New Construction Cleaning

"Autumn Quik-Brik" Concrete Brick; 3 Day Cleaning



Sure Klean® Concrete **Brick Cleaner 1:2** 

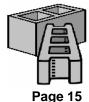
Sure Klean® Concrete **Brick Cleaner 1:3** 

**Untreated Control** 

### "Autumn Quik-Brik" Concrete Brick; 7 Day Cleaning

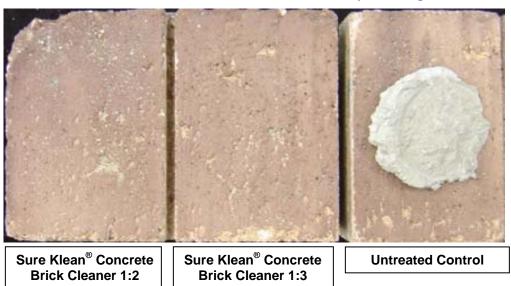






### **Photographs** – New Construction Cleaning

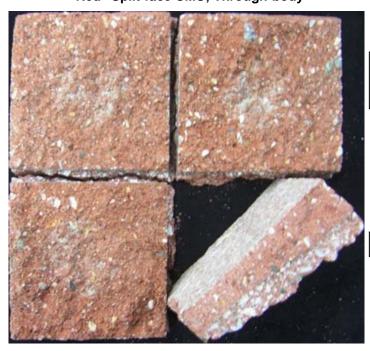
"Autumn Quik-Brik" Concrete Brick; 14 Day Cleaning



Photographs - Color Uniformity: CMU's

"Red" Split-face CMU; Through-body

Sure Klean® **Custom Masonry** Cleaner 1:2

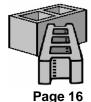


Sure Klean® **Custom Masonry** Cleaner 1:4

Sure Klean® **Custom Masonry** Cleaner 1:6

Through-body





## **Photographs** - Color Uniformity: CMU's

"8-10 Powdersmooth" Smooth-face CMU; Through-body

Sure Klean® **Custom Masonry** Cleaner 1:2

Sure Klean®

**Custom Masonry** Cleaner 1:6



Sure Klean® **Custom Masonry** Cleaner 1:4

Through-body

**Photographs** - Color Uniformity: Concrete Brick

"Autumn Quik-Brik" Concrete Brick



Sure Klean® Concrete **Brick Cleaner 1:2** 

Sure Klean® Concrete **Brick Cleaner 1:3** 

**Untreated Control** 





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### **Conclusions – New Construction Cleaning**

Based on the test data, all of the submitted samples were efficiently cleaned with a dilution of either Sure Klean® Custom Masonry Cleaner or Sure Klean® Concrete Brick Cleaner.

Higher concentrations of Sure Klean® Custom Masonry Cleaner removed slight to moderate concentrations of pigmented matrix from the surface of the submitted CMU's, exposing small and large aggregate. Lower concentrations of Sure Klean<sup>®</sup> Custom Masonry Cleaner removed slight concentrations of pigmented matrix, exposing small and large aggregate.

All dilutions of Sure Klean® Concrete Brick Cleaner removed a slight amount of surface pigment from the all of the submitted concrete brick except "Autumn" samples. However, because this alteration is slight and will be uniform throughout the wall, Sure Klean® Concrete Brick Cleaner is recommended.

#### **Recommendations – New Construction Cleaning**

Recommendations for cleaning for each type of CMU and "Quik-Brik" concrete brick submitted by Foster Southeastern, Inc., Holbrook, MA are provided in the chart below. Recommendations are based on the optimum dilution for complete removal of mortar while providing the best color uniformity when compared to the through-body of the CMU or to the untreated surface of the concrete brick.

Sample	New Construction Cleaning (Type S mortar, 14 day cleaning)
"Pembroke" Split-face CMU	Sure Klean <sup>®</sup> Custom Masonry Cleaner (1:6)
All Other Submitted CMU's	Sure Klean <sup>®</sup> Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)
All Submitted "Quik-Brik"	Sure Klean <sup>®</sup> Concrete Brick Cleaner (1:2) OR (1:3)

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.





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## **Protective Water Repellents**

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

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

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

#### **Description of Products Evaluated – Protective Water Repellents**

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

**Sure Klean® Weather Seal 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 CMU's and concrete brick were scored and allowed to dry for at least 24 hours prior to treatment. Both Sure Klean<sup>®</sup> Weather Seal Blok-Guard<sup>®</sup> & Graffiti Control and Sure Klean<sup>®</sup> Weather Seal Siloxane WB Concentrate diluted with nine parts water were applied in a wet-on-wet brushing application in accordance with the current PROSOCO, Inc. Product Data Sheet instructions and allowed to cure for at least 72 hours prior to testing.

### <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.





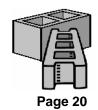
**Test Results** – Protective Water Repellents

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

#### Results

	Results				
"8-10 Powdersmooth" Smooth-face CMU					
Untreated Control	<40 mph				
Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control	60 mph				
Sure Klean <sup>®</sup> Weather Seal Siloxane WB Concentrate (1:9)	60 mph				
"Brownstone" Split-face CMU					
Untreated Control	<40 mph				
Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control	60 mph				
Sure Klean <sup>®</sup> Weather Seal Siloxane WB Concentrate (1:9)	60 mph				
"Charcoal" Split-face CMU					
Untreated Control	45 mph				
Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control	60 mph				
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	60 mph				
"Ivory" Split-face CMU					
Untreated Control	<40 mph				
Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control	60 mph				
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	59 mph				
"Pembroke" Split-face CMU					
Untreated Control	<40 mph				
Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control	59 mph				
Sure Klean <sup>®</sup> Weather Seal Siloxane WB Concentrate (1:9)	58 mph				
"Red" Split-face CMU					
Untreated Control	<40 mph				
Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control	60 mph				
Sure Klean <sup>®</sup> Weather Seal Siloxane WB Concentrate (1:9)	59 mph				
"Rose Tan" Split-face CMU					
Untreated Control	<40 mph				
Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control	59 mph				
Sure Klean <sup>®</sup> Weather Seal Siloxane WB Concentrate (1:9)	58 mph				
"Rose Tan" Smooth-face CMU					
Untreated Control	<40 mph				
Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control	60 mph				
Sure Klean <sup>®</sup> Weather Seal Siloxane WB Concentrate (1:9)	60 mph				
"WT-6" Split-face CMU					
Untreated Control	<40 mph				
Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control	59 mph				
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	58 mph				





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

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

#### **Results**

	Results				
"WT-6" Smooth-face CMU					
Untreated Control	<40 mph				
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	60 mph				
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	59 mph				
"YW-93 w/ Dry-Block <sup>®</sup> " Split-face CMU					
Untreated Control	<40 mph				
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	60 mph				
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	58 mph				
"YW-93 w/o Dry-Block <sup>®</sup> " Split-face CMU					
Untreated Control	<40 mph				
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	59 mph				
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	58 mph				
"Autumn Quik-Brik" Concrete Brick					
Untreated Control	<40 mph				
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	60 mph				
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	60 mph				
"Buffstone Quik-Brik" Concrete Brick					
Untreated Control	<40 mph				
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	58 mph				
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	57 mph				
"Cedarwood Quik-Brik" Concrete Brick					
Untreated Control	<40 mph				
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	60 mph				
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	60 mph				
"Promond Quik-Brik" Concrete Brick					
Untreated Control	<40 mph				
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	60 mph				
Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	59 mph				



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### **Photographs** – Protective Water Repellents

"Charcoal" Split-face CMU; RILEM Testing



Sure Klean<sup>®</sup> Weather Seal Blok-Guard<sup>®</sup> & Graffiti Control

Sure Klean<sup>®</sup> Weather Seal Siloxane WB Concentrate (1:9)

**Untreated Control** 





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### **Conclusions** - Protective Water Repellents

Based upon laboratory evaluations, both Sure Klean<sup>®</sup> Weather Seal Blok-Guard<sup>®</sup> & Graffiti Control and Sure Klean<sup>®</sup> Weather Seal Siloxane WB Concentrate diluted with nine parts water provided excellent water repellency to each of the submitted samples. In addition, Sure Klean<sup>®</sup> Weather Seal Blok-Guard<sup>®</sup> & Graffiti Control provided a slight to moderate color enhancement to the submitted samples.

### **Recommendations** - Protective Water Repellents

Recommendations for water repellency treatment for each type of CMU and "Quik-Brik" concrete brick submitted by Foster Southeastern, Inc., Holbrook, MA are provided in the chart below. Recommendations are based on the treatment that proved most effective and can provide water repellency on all types submitted.

Sample	Protective Water Repellents
All Submitted CMU's and "Quik-Brik"	Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control OR Sure Klean <sup>®</sup> 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.





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### **Graffiti Control**

These trials were conducted to determine the optimal graffiti control treatment for the submitted CMU's and concrete brick.

#### **Description of Products Evaluated – Graffiti Control**

#### **Graffiti Control Treatments**

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

### Products Evaluated for Graffiti Removal

**Defacer Eraser**<sup>®</sup> **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**<sup>®</sup> **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)





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### Sample Preparation - Graffiti Control

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

Sections of the samples were treated with Sure Klean® Weather Seal Blok-Guard® & Graffiti Control in a weton-wet brushing application in accordance with PROSOCO, Inc.'s Product Data Sheet application instructions, and then allowed to cure for at least one day. At the end of the one-day 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<sup>®</sup> Weather Seal Blok-Guard<sup>®</sup> & Graffiti Control. Removal of the graffiti agents was attempted 24 hours after application of the graffiti agents, using both Defacer Eraser<sup>®</sup> Graffiti Wipe and Sure Klean<sup>®</sup> 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 was conducted at approximately 700-800 psi with a warm water flow rate of 8 gallons per minute.





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### **Test Results** - Graffiti Control

"8-10 Powdersmooth" Smooth-face CMU					
					% Avg. Removal
Fast Acting Stripper	85%	60%	50%	40%	59%
Graffiti Wipe	95%	20%	30%	30%	44%
Blok-Guard <sup>®</sup> & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	95%	90%	90%	90%
Graffiti Wipe	99%	100%	90%	99%	97%
	"Brownstor	ne" Split-face	CMU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	75%	90%	20%	85%	68%
Graffiti Wipe	70%	20%	20%	20%	33%
Blok-Guard <sup>®</sup> & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	90%	80%	95%	88%
Graffiti Wipe	99%	100%	80%	95%	94%
	"Charcoa	" Split-face C	MU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	70%	90%	30%	90%	70%
Graffiti Wipe	60%	20%	30%	70%	45%
Blok-Guard <sup>®</sup> & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	70%	100%	100%	100%	93%
Graffiti Wipe	100%	100%	100%	100%	100%
	"Ivory"	Split-face CM	U		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	60%	40%	20%	30%	38%
Graffiti Wipe	40%	10%	20%	30%	25%
Blok-Guard <sup>®</sup> & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	60%	90%	85%	90%	81%
Graffiti Wipe	99%	95%	90%	90%	94%
	"Pembrok	e" Split-face (	CMU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	60%	80%	20%	95%	64%
Graffiti Wipe	80%	20%	20%	90%	53%
Blok-Guard <sup>®</sup> & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	70%	80%	90%	100%	85%
Graffiti Wipe	99%	100%	98%	100%	99%
"Red" Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	70%	70%	10%	70%	55%
Graffiti Wipe	50%	10%	10%	70%	35%
Blok-Guard <sup>®</sup> & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	90%	90%	100%	91%
Graffiti Wipe	100%	100%	90%	100%	98%





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### **Test Results** - Graffiti Control

"Rose Tan" Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	80%	10%	30%	51%
Graffiti Wipe	85%	10%	10%	30%	34%
Blok-Guard <sup>®</sup> & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	70%	85%	85%	90%	83%
Graffiti Wipe	99%	98%	90%	90%	94%
•	'Rose Tan"	Smooth-face	CMU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	85%	30%	50%	63%
Graffiti Wipe	60%	10%	10%	30%	28%
Blok-Guard <sup>®</sup> & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	95%	95%	95%	93%
Graffiti Wipe	100%	95%	85%	90%	93%
	"WT-6"	Split-face CM	U		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	75%	75%	20%	30%	50%
Graffiti Wipe	20%	20%	20%	20%	20%
Blok-Guard <sup>®</sup> & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	90%	90%	90%	89%
Graffiti Wipe	99%	100%	95%	90%	96%
	"WT-6" Sı	mooth-face C	MU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	85%	20%	30%	55%
Graffiti Wipe	70%	10%	10%	30%	30%
Blok-Guard <sup>®</sup> & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	98%	90%	90%	91%
Graffiti Wipe	99%	98%	90%	90%	94%
"YW	-93 w/ Dry-E	Block <sup>®</sup> " Split-	face CMU		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	70%	20%	60%	59%
Graffiti Wipe	30%	10%	10%	30%	20%
Blok-Guard <sup>®</sup> & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	90%	98%	98%	93%
Graffiti Wipe	99%	98%	99%	99%	99%
"YW-93 w/o Dry-Block <sup>®</sup> " Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	85%	20%	60%	61%
Graffiti Wipe	10%	10%	20%	30%	18%
	1070				
Blok-Guard <sup>®</sup> & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Blok-Guard® & Graffiti Control Fast Acting Stripper		Black Marker 95%	Green Marker 85%	Red Marker 90%	% Avg. Removal 88%





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### **Test Results** - Graffiti Control

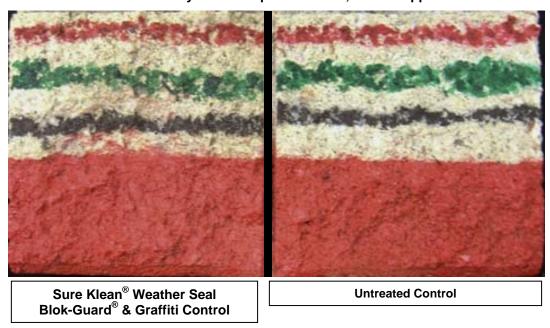
"Autumn Quik-Brik" Concrete Brick					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	95%	85%	80%	89%
Graffiti Wipe	95%	20%	40%	40%	49%
Blok-Guard <sup>®</sup> & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	98%	98%	98%	97%
Graffiti Wipe	99%	100%	99%	100%	100%
"Bu	ffstone Quil	k-Brik" Concr	ete Brick		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	80%	30%	50%	61%
Graffiti Wipe	60%	10%	20%	50%	35%
Blok-Guard <sup>®</sup> & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	95%	98%	95%	93%
Graffiti Wipe	98%	98%	95%	95%	97%
"Ced	arwood Qu	ik-Brik" Conc	rete Brick		
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	75%	99%	85%	90%	87%
Graffiti Wipe	80%	10%	70%	70%	58%
Blok-Guard <sup>®</sup> & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	100%	85%	99%	92%
Graffiti Wipe	99%	100%	80%	95%	94%
"Promond Quik-Brik" Concrete Brick					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	70%	90%	20%	90%	68%
Graffiti Wipe	90%	10%	20%	40%	40%
Blok-Guard <sup>®</sup> & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	70%	95%	90%	95%	88%
Graffiti Wipe	98%	90%	90%	95%	93%



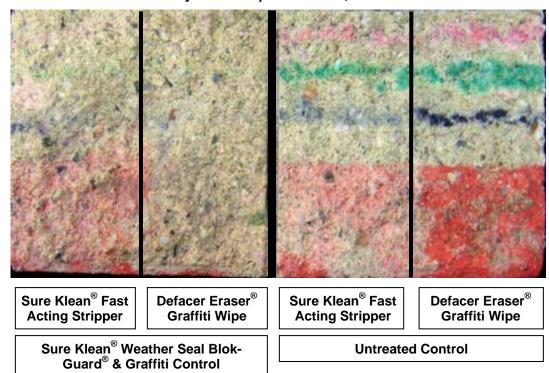


Photographs – Graffiti Control

"YW-93 w/ Dry-Block®" Split-face CMU; Graffiti Applied



"YW-93 w/o Dry-Block®" Split-face CMU; Graffiti Removed







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#### **Conclusions** – Graffiti Control

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

#### Recommendations - Graffiti Control

Recommendations for graffiti control treatment for each type of CMU and "Quik-Brik" concrete brick submitted by Foster Southeastern, Inc., Holbrook, MA 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 and "Quik-Brik"	Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control	Defacer Eraser <sup>®</sup> Graffiti Wipe OR Sure Klean <sup>®</sup> 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.

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

Christopher A. Moore

Project Testing Laboratory Technician

CAM



# Laboratory Report

# **Pallet Tag Program Evaluation**

# Foster Southeastern, Inc. Holbrook, MA

Project No. 0509-04 PTP

Prepared For:

Foster Southeastern, Inc. 46 Spring Street Holbrook, MA 02343

Prepared By:

PROSOCO, Inc. December 2005