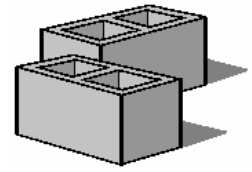




PALLET TAG PROGRAM LABORATORY REPORT



PROSOCO, Inc.

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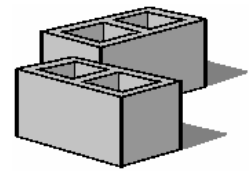
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ATTACHMENTS

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



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PROSOCO, Inc.

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Submitted Information

For: Paul Tessier
cc: Steve Dean

Subject: LaFarge Canada, Inc.
 Calgary, Alberta, Canada

Date: April 25th, 2005

Project: 0501-05 PTP

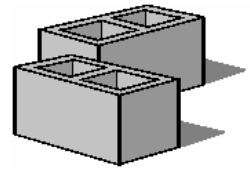
Samples Submitted: 10 types of integrally colored CMU's each with a split-face and a smooth-face side, and 8 ground-face CMU faces

Block	Name	Color	Integral Water Repellent	Size
Split-face	"Buff"	Yellow	None	8" x 16" x 8"
Smooth-face				8" x 16" x 1"
Ground-face				
Split-face	"Charcoal"	Black	None	8" x 16" x 8"
Smooth-face				8" x 16" x 1"
Ground-face				
Split-face	"Charcoal Cinder"	Black/Red	None	8" x 16" x 8"
Smooth-face				
Ground-face				
Split-face	"Cinnamon"	Orange/Red	None	8" x 16" x 8"
Smooth-face				8" x 16" x 1"
Ground-face				
Split-face	"Colonial Red"	Red	None	8" x 16" x 8"
Smooth-face				8" x 16" x 1"
Ground-face				
Split-face	"Desert Tan"	Tan	None	8" x 16" x 8"
Smooth-face				8" x 16" x 1"
Ground-face				
Split-face	"Grey"	Grey	None	8" x 16" x 8"
Smooth-face				8" x 16" x 1"
Ground-face				
Split-face	"Ivory"	White/Yellow	None	8" x 16" x 8"
Smooth-face				8" x 16" x 1"
Ground-face				
Split-face	"Natural Cinder"	Light Red	None	8" x 16" x 8"
Smooth-face				8" x 16" x 1"
Ground-face				
Split-face	"Silver Mist"	Light Grey	None	8" x 16" x 8"
Smooth-face				

Submitted by: Paul Tessier



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Purpose of Testing

Ten types of integrally CMU's, each with a split-face and a smooth-face side, and eight ground-face CMU faces, all with large, small and fine aggregate were submitted for testing using PROSOCO's new construction cleaning, water repellent, graffiti control and color enhancement products.

Cleaning Concrete Masonry Units – Sure Klean® Custom Masonry Cleaner and Sure Klean® Burnished Custom Masonry Cleaner were evaluated for removal of laboratory applied mortar.

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 Testing – Sure Klean® Custom Masonry Cleaner and Sure Klean® Burnished Custom Masonry Cleaner were evaluated at various dilutions to determine the optimal concentration of cleaner that leaves the external surface looking most like the natural through-body color of the CMU. 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.

Aggregate Exposure 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.

Surface Pigment Alteration/Removal 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-body | 4 – Best match to through-body |
| 2 – Fair match to through-body | |

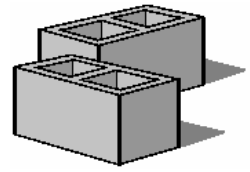
NOTE: When cleaning integrally colored CMU.

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

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



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

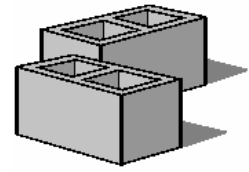
Graffiti Control – Sure Klean® Weather Seal Blok-Guard® & Graffiti Control and Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II were evaluated for their ability to control graffiti on the submitted samples. Sure Klean® Fast Acting Stripper and Defacer Eraser® Graffiti Wipe were evaluated for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

Color Enhancement – Sure Klean® Burnished Block Sealer, T-2198 Ground-face Block Enhancer (In-Plant) and T-2186 In-Plant Treatment WB were evaluated for their ability to provide color enhancement to the submitted ground-face CMU's.

Adverse Effects – Sure Klean® Burnished Custom Masonry Cleaner was evaluated to determine if any adverse effects are created when used to clean ground-face CMU's previously treated with Sure Klean® Burnished Block Sealer, T-2198 Ground-face Block Enhancer (In-Plant) or T-2186 In-Plant Treatment WB.



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PROSOCO, Inc.

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Products Evaluated

Products Evaluated for Cleaning and Color Uniformity

Block Type	Product	Dilution
All Submitted Split-face and Smooth-face CMU's	Sure Klean® Custom Masonry Cleaner	1:2, 1:4, 1:6
	Sure Klean® Burnished Custom Masonry Cleaner	1:2, 1:3
All Submitted Ground-face CMU's	Sure Klean® Burnished Custom Masonry Cleaner	1:2, 1:3

Water Repellent Products Evaluated

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

Graffiti Control Products Evaluated

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

Graffiti Removal Products Evaluated

Block Type	Product	Dilution
All Submitted CMU's	Sure Klean® Fast Acting Stripper	Concentrate
	Defacer Eraser® Graffiti Wipe	Concentrate

Color Enhancement Products Evaluated

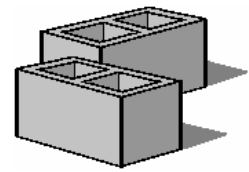
Sample	Product	Dilution
All Submitted Ground-face CMU's	Sure Klean® Burnished Block Sealer	Concentrate
	T-2198 Ground-face Block Enhancer (In-plant)	Concentrate
	T-2186 In-Plant Treatment WB	Concentrate

Adverse Effects Products Evaluated

Sample	Treatment	Cleaner	Dilution
All Submitted Ground-face CMU's	Sure Klean® Burnished Block Sealer	Sure Klean® Burnished Custom Masonry Cleaner	1:2, 1:3
	T-2198 Ground-face Block Enhancer (In-plant)		
	T-2186 In-Plant Treatment WB		



PALLET TAG PROGRAM LABORATORY REPORT



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 manufacturers 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 through-body color of the CMU's.

Description of Products Evaluated – New Construction Cleaning

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

Sure Klean® Burnished Custom Masonry Cleaner – Removes common construction and atmospheric staining from custom masonry and other architectural concrete surfaces. This general-purpose, non-etching acidic cleaner removes rust, mud, oil, atmospheric dirt, mortar smears and other stains without altering the surface texture. Burnished Custom Masonry 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:

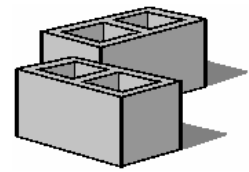
1. Pre-wet the surface with water.
2. Apply at the appropriate dilutions.
3. Allow appropriate dwell time, as specified.

Custom Masonry Cleaner	3 minutes
Burnished Custom Masonry Cleaner	3-5 minutes
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 was conducted at approximately 1300 psi with a warm water flow rate of 1.9 gallons per minute.



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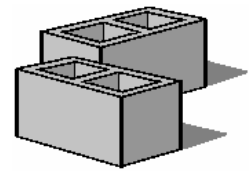
Test Results – New Construction Cleaning

% removal

“Buff” Split-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	100%	95%
Custom Masonry Cleaner	1:4	100%	100%	95%
Custom Masonry Cleaner	1:6	100%	100%	95%
Burnished Custom Masonry Cleaner	1:2	100%	90%	80%
Burnished Custom Masonry Cleaner	1:3	100%	90%	60%
“Buff” Smooth-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	100%	100%
Custom Masonry Cleaner	1:4	100%	100%	100%
Custom Masonry Cleaner	1:6	100%	100%	100%
Burnished Custom Masonry Cleaner	1:2	100%	100%	95%
Burnished Custom Masonry Cleaner	1:3	100%	100%	95%
“Buff” Ground-face CMU				
Product	Dilution	3 day	7 day	14 day
Burnished Custom Masonry Cleaner	1:2	100%	100%	100%
Burnished Custom Masonry Cleaner	1:3	100%	100%	100%
“Charcoal” Split-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	100%	95%
Custom Masonry Cleaner	1:4	100%	100%	90%
Custom Masonry Cleaner	1:6	100%	95%	80%
Burnished Custom Masonry Cleaner	1:2	100%	90%	85%
Burnished Custom Masonry Cleaner	1:3	95%	90%	70%
“Charcoal” Smooth-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	100%	100%
Custom Masonry Cleaner	1:4	100%	100%	100%
Custom Masonry Cleaner	1:6	100%	100%	95%
Burnished Custom Masonry Cleaner	1:2	100%	100%	95%
Burnished Custom Masonry Cleaner	1:3	100%	95%	90%
“Charcoal” Ground-face CMU				
Product	Dilution	3 day	7 day	14 day
Burnished Custom Masonry Cleaner	1:2	100%	100%	100%
Burnished Custom Masonry Cleaner	1:3	100%	100%	100%



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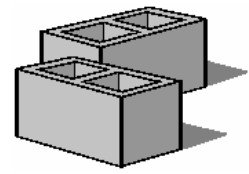
Test Results – New Construction Cleaning

% removal

“Charcoal Cinder” Split-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	95%	95%
Custom Masonry Cleaner	1:4	100%	95%	90%
Custom Masonry Cleaner	1:6	100%	95%	95%
Burnished Custom Masonry Cleaner	1:2	100%	95%	70%
Burnished Custom Masonry Cleaner	1:3	95%	95%	70%
“Charcoal Cinder” Smooth-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	100%	100%
Custom Masonry Cleaner	1:4	100%	100%	100%
Custom Masonry Cleaner	1:6	100%	100%	100%
Burnished Custom Masonry Cleaner	1:2	95%	95%	80%
Burnished Custom Masonry Cleaner	1:3	95%	95%	80%
“Cinnamon” Split-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	95%	90%	90%
Custom Masonry Cleaner	1:4	95%	90%	90%
Custom Masonry Cleaner	1:6	90%	90%	80%
Burnished Custom Masonry Cleaner	1:2	90%	80%	60%
Burnished Custom Masonry Cleaner	1:3	90%	70%	60%
“Cinnamon” Smooth-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	100%	95%
Custom Masonry Cleaner	1:4	100%	100%	95%
Custom Masonry Cleaner	1:6	100%	100%	95%
Burnished Custom Masonry Cleaner	1:2	95%	85%	80%
Burnished Custom Masonry Cleaner	1:3	90%	85%	80%
“Cinnamon” Ground-face CMU				
Product	Dilution	3 day	7 day	14 day
Burnished Custom Masonry Cleaner	1:2	100%	100%	90%
Burnished Custom Masonry Cleaner	1:3	100%	100%	90%
“Colonial Red” Split-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	95%	95%	95%
Custom Masonry Cleaner	1:4	95%	90%	90%
Custom Masonry Cleaner	1:6	95%	90%	80%
Burnished Custom Masonry Cleaner	1:2	85%	80%	70%
Burnished Custom Masonry Cleaner	1:3	85%	80%	70%



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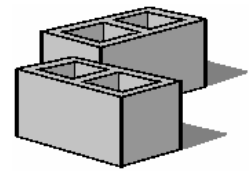
Test Results – New Construction Cleaning

% removal

“Colonial Red” Smooth-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	99%	99%	99%
Custom Masonry Cleaner	1:4	99%	99%	95%
Custom Masonry Cleaner	1:6	99%	99%	95%
Burnished Custom Masonry Cleaner	1:2	99%	95%	95%
Burnished Custom Masonry Cleaner	1:3	99%	95%	95%
“Colonial Red” Ground-face CMU				
Product	Dilution	3 day	7 day	14 day
Burnished Custom Masonry Cleaner	1:2	100%	95%	90%
Burnished Custom Masonry Cleaner	1:3	100%	95%	90%
“Desert Tan” Split-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	95%	95%
Custom Masonry Cleaner	1:4	100%	95%	95%
Custom Masonry Cleaner	1:6	100%	95%	95%
Burnished Custom Masonry Cleaner	1:2	95%	95%	80%
Burnished Custom Masonry Cleaner	1:3	95%	90%	70%
“Desert Tan” Smooth-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	100%	100%
Custom Masonry Cleaner	1:4	100%	100%	100%
Custom Masonry Cleaner	1:6	100%	100%	100%
Burnished Custom Masonry Cleaner	1:2	100%	95%	85%
Burnished Custom Masonry Cleaner	1:3	100%	95%	70%
“Desert Tan” Ground-face CMU				
Product	Dilution	3 day	7 day	14 day
Burnished Custom Masonry Cleaner	1:2	100%	100%	100%
Burnished Custom Masonry Cleaner	1:3	100%	100%	95%
“Grey” Split-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	100%	100%
Custom Masonry Cleaner	1:4	100%	100%	100%
Custom Masonry Cleaner	1:6	100%	95%	95%
Burnished Custom Masonry Cleaner	1:2	100%	95%	85%
Burnished Custom Masonry Cleaner	1:3	95%	95%	85%



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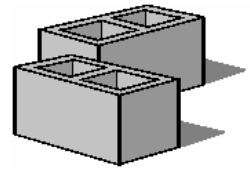
Test Results – New Construction Cleaning

% removal

“Grey” Smooth-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	100%	100%
Custom Masonry Cleaner	1:4	100%	100%	100%
Custom Masonry Cleaner	1:6	100%	100%	100%
Burnished Custom Masonry Cleaner	1:2	100%	100%	90%
Burnished Custom Masonry Cleaner	1:3	100%	95%	90%
“Grey” Ground-face CMU				
Product	Dilution	3 day	7 day	14 day
Burnished Custom Masonry Cleaner	1:2	100%	100%	100%
Burnished Custom Masonry Cleaner	1:3	100%	100%	100%
“Ivory” Split-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	100%	100%
Custom Masonry Cleaner	1:4	100%	100%	100%
Custom Masonry Cleaner	1:6	100%	100%	100%
Burnished Custom Masonry Cleaner	1:2	100%	95%	90%
Burnished Custom Masonry Cleaner	1:3	100%	95%	85%
“Ivory” Smooth-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	100%	100%
Custom Masonry Cleaner	1:4	100%	100%	100%
Custom Masonry Cleaner	1:6	100%	100%	100%
Burnished Custom Masonry Cleaner	1:2	100%	100%	100%
Burnished Custom Masonry Cleaner	1:3	100%	100%	100%
“Ivory” Ground-face CMU				
Product	Dilution	3 day	7 day	14 day
Burnished Custom Masonry Cleaner	1:2	100%	100%	100%
Burnished Custom Masonry Cleaner	1:3	100%	100%	100%
“Natural Cinder” Split-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	95%	95%	95%
Custom Masonry Cleaner	1:4	95%	95%	95%
Custom Masonry Cleaner	1:6	95%	90%	85%
Burnished Custom Masonry Cleaner	1:2	90%	80%	60%
Burnished Custom Masonry Cleaner	1:3	90%	80%	50%



PALLET TAG PROGRAM LABORATORY REPORT



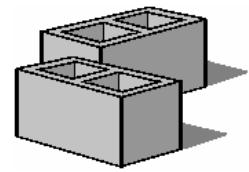
Test Results – New Construction Cleaning

% removal

“Natural Cinder” Smooth-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	100%	100%
Custom Masonry Cleaner	1:4	100%	100%	100%
Custom Masonry Cleaner	1:6	100%	100%	95%
Burnished Custom Masonry Cleaner	1:2	100%	95%	80%
Burnished Custom Masonry Cleaner	1:3	100%	95%	80%
“Natural Cinder” Ground-face CMU				
Product	Dilution	3 day	7 day	14 day
Burnished Custom Masonry Cleaner	1:2	100%	100%	100%
Burnished Custom Masonry Cleaner	1:3	100%	100%	100%
“Silver Mist” Split-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	100%	100%
Custom Masonry Cleaner	1:4	100%	100%	100%
Custom Masonry Cleaner	1:6	100%	100%	100%
Burnished Custom Masonry Cleaner	1:2	100%	100%	80%
Burnished Custom Masonry Cleaner	1:3	100%	100%	80%
“Silver Mist” Smooth-face CMU				
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	100%	100%
Custom Masonry Cleaner	1:4	100%	100%	100%
Custom Masonry Cleaner	1:6	100%	100%	100%
Burnished Custom Masonry Cleaner	1:2	100%	100%	100%
Burnished Custom Masonry Cleaner	1:3	100%	100%	100%



PALLET TAG PROGRAM LABORATORY REPORT



Test Results – Color Uniformity

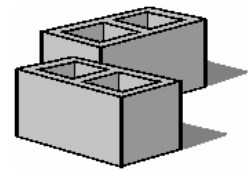
Substrate: Split-face CMU		Pigment Color: "Buff"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	4
Custom Masonry Cleaner	1:4	4	4
Custom Masonry Cleaner	1:6	4	4
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	4	4
Substrate: Smooth-face CMU		Pigment Color: "Buff"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	3
Custom Masonry Cleaner	1:4	4	3
Custom Masonry Cleaner	1:6	4	3
Burnished Custom Masonry Cleaner	1:2	3	4
Burnished Custom Masonry Cleaner	1:3	3	4
Substrate: Ground-face CMU		Pigment Color: "Buff"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	4	4
Substrate: Split-face CMU		Pigment Color: "Charcoal"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	4
Custom Masonry Cleaner	1:4	4	4
Custom Masonry Cleaner	1:6	4	4
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	4	4
Substrate: Smooth-face CMU		Pigment Color: "Charcoal"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	3
Custom Masonry Cleaner	1:4	4	3
Custom Masonry Cleaner	1:6	4	3
Burnished Custom Masonry Cleaner	1:2	3	4
Burnished Custom Masonry Cleaner	1:3	3	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 | |



PALLET TAG PROGRAM LABORATORY REPORT



Test Results – Color Uniformity (Continued)

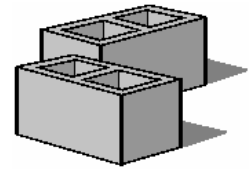
Substrate: Ground-face CMU		Pigment Color: "Charcoal"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	4	4
Substrate: Split-face CMU		Pigment Color: "Charcoal Cinder"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	3
Custom Masonry Cleaner	1:4	4	3
Custom Masonry Cleaner	1:6	4	3
Burnished Custom Masonry Cleaner	1:2	4	3
Burnished Custom Masonry Cleaner	1:3	4	3
Substrate: Smooth-face CMU		Pigment Color: "Charcoal Cinder"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	3
Custom Masonry Cleaner	1:4	4	3
Custom Masonry Cleaner	1:6	4	3
Burnished Custom Masonry Cleaner	1:2	4	3
Burnished Custom Masonry Cleaner	1:3	4	3
Substrate: Split-face CMU		Pigment Color: "Cinnamon"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	4
Custom Masonry Cleaner	1:4	4	4
Custom Masonry Cleaner	1:6	4	4
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	4	4
Substrate: Smooth-face CMU		Pigment Color: "Cinnamon"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	4
Custom Masonry Cleaner	1:4	4	4
Custom Masonry Cleaner	1:6	4	4
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	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 | |



PALLET TAG PROGRAM LABORATORY REPORT



Test Results – Color Uniformity (Continued)

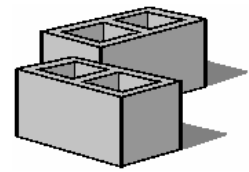
Substrate: Ground-face CMU		Pigment Color: "Cinnamon"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	4	4
Substrate: Split-face CMU		Pigment Color: "Colonial Red"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	4
Custom Masonry Cleaner	1:4	4	4
Custom Masonry Cleaner	1:6	4	4
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	4	4
Substrate: Smooth-face CMU		Pigment Color: "Colonial Red"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	4
Custom Masonry Cleaner	1:4	4	4
Custom Masonry Cleaner	1:6	4	4
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	4	4
Substrate: Ground-face CMU		Pigment Color: "Colonial Red"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	4	4
Substrate: Split-face CMU		Pigment Color: "Desert Tan"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	4
Custom Masonry Cleaner	1:4	4	4
Custom Masonry Cleaner	1:6	4	4
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	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 | |



PALLET TAG PROGRAM LABORATORY REPORT



Test Results – Color Uniformity (Continued)

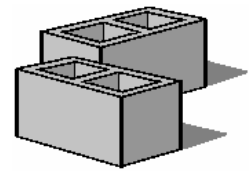
Substrate: Smooth-face CMU		Pigment Color: "Desert Tan"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	3
Custom Masonry Cleaner	1:4	4	3
Custom Masonry Cleaner	1:6	4	3
Burnished Custom Masonry Cleaner	1:2	3	4
Burnished Custom Masonry Cleaner	1:3	3	4
Substrate: Ground-face CMU		Pigment Color: "Desert Tan"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	4	4
Substrate: Split-face CMU		Pigment Color: "Grey"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	4
Custom Masonry Cleaner	1:4	4	4
Custom Masonry Cleaner	1:6	4	4
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	4	4
Substrate: Smooth-face CMU		Pigment Color: "Grey"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	4
Custom Masonry Cleaner	1:4	4	4
Custom Masonry Cleaner	1:6	4	4
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	4	4
Substrate: Ground-face CMU		Pigment Color: "Grey"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	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 | |



PALLET TAG PROGRAM LABORATORY REPORT



Test Results – Color Uniformity (Continued)

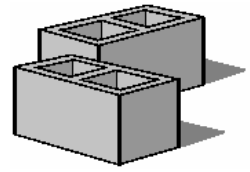
Substrate: Split-face CMU		Pigment Color: "Ivory"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	4
Custom Masonry Cleaner	1:4	4	4
Custom Masonry Cleaner	1:6	4	4
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	4	4
Substrate: Smooth-face CMU		Pigment Color: "Ivory"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	3
Custom Masonry Cleaner	1:4	4	3
Custom Masonry Cleaner	1:6	4	3
Burnished Custom Masonry Cleaner	1:2	3	4
Burnished Custom Masonry Cleaner	1:3	3	4
Substrate: Ground-face CMU		Pigment Color: "Ivory"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	4	4
Substrate: Split-face CMU		Pigment Color: "Natural Cinder"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	4
Custom Masonry Cleaner	1:4	4	4
Custom Masonry Cleaner	1:6	4	4
Burnished Custom Masonry Cleaner	1:2	3	4
Burnished Custom Masonry Cleaner	1:3	3	4
Substrate: Smooth-face CMU		Pigment Color: "Natural Cinder"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	4
Custom Masonry Cleaner	1:4	4	4
Custom Masonry Cleaner	1:6	4	4
Burnished Custom Masonry Cleaner	1:2	3	4
Burnished Custom Masonry Cleaner	1:3	3	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 | |



PALLET TAG PROGRAM LABORATORY REPORT



Test Results – Color Uniformity (Continued)

Substrate: Ground-face CMU		Pigment Color: "Natural Cinder"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	4	4
Substrate: Split-face CMU		Pigment Color: "Silver Mist"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	4
Custom Masonry Cleaner	1:4	4	4
Custom Masonry Cleaner	1:6	4	4
Burnished Custom Masonry Cleaner	1:2	4	4
Burnished Custom Masonry Cleaner	1:3	4	4
Substrate: Smooth-face CMU		Pigment Color: "Silver Mist"	
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal
Custom Masonry Cleaner	1:2	4	4
Custom Masonry Cleaner	1:4	4	4
Custom Masonry Cleaner	1:6	4	4
Burnished Custom Masonry Cleaner	1:2	3	4
Burnished Custom Masonry Cleaner	1:3	3	4

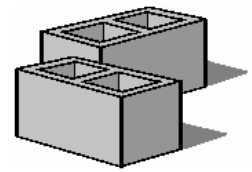
Scale used for reporting results of both categories

- 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

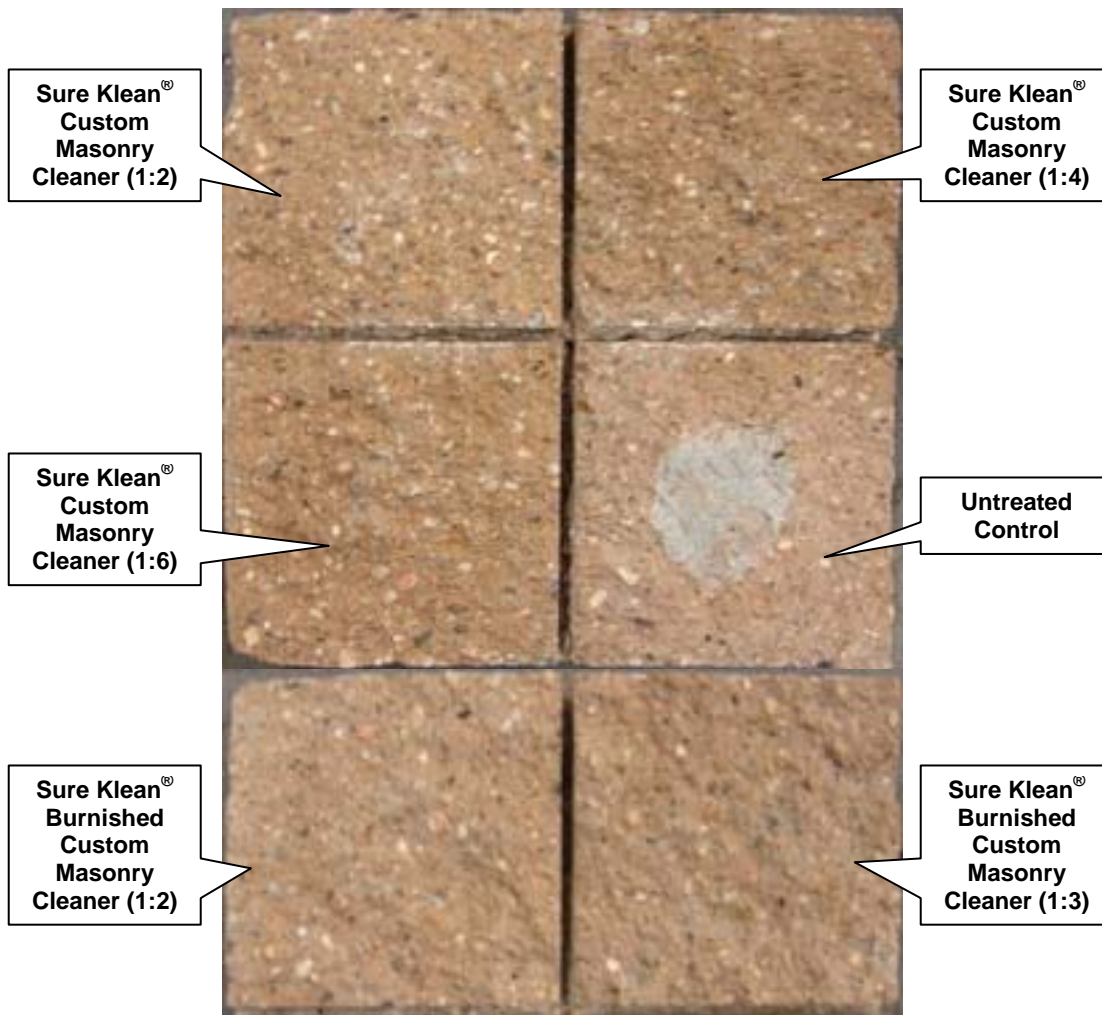


PALLET TAG PROGRAM LABORATORY REPORT



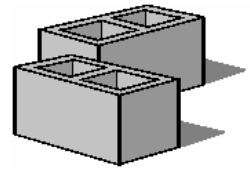
Photographs – New Construction Cleaning

“Desert Tan” Split-face; 3 Day Cleaning



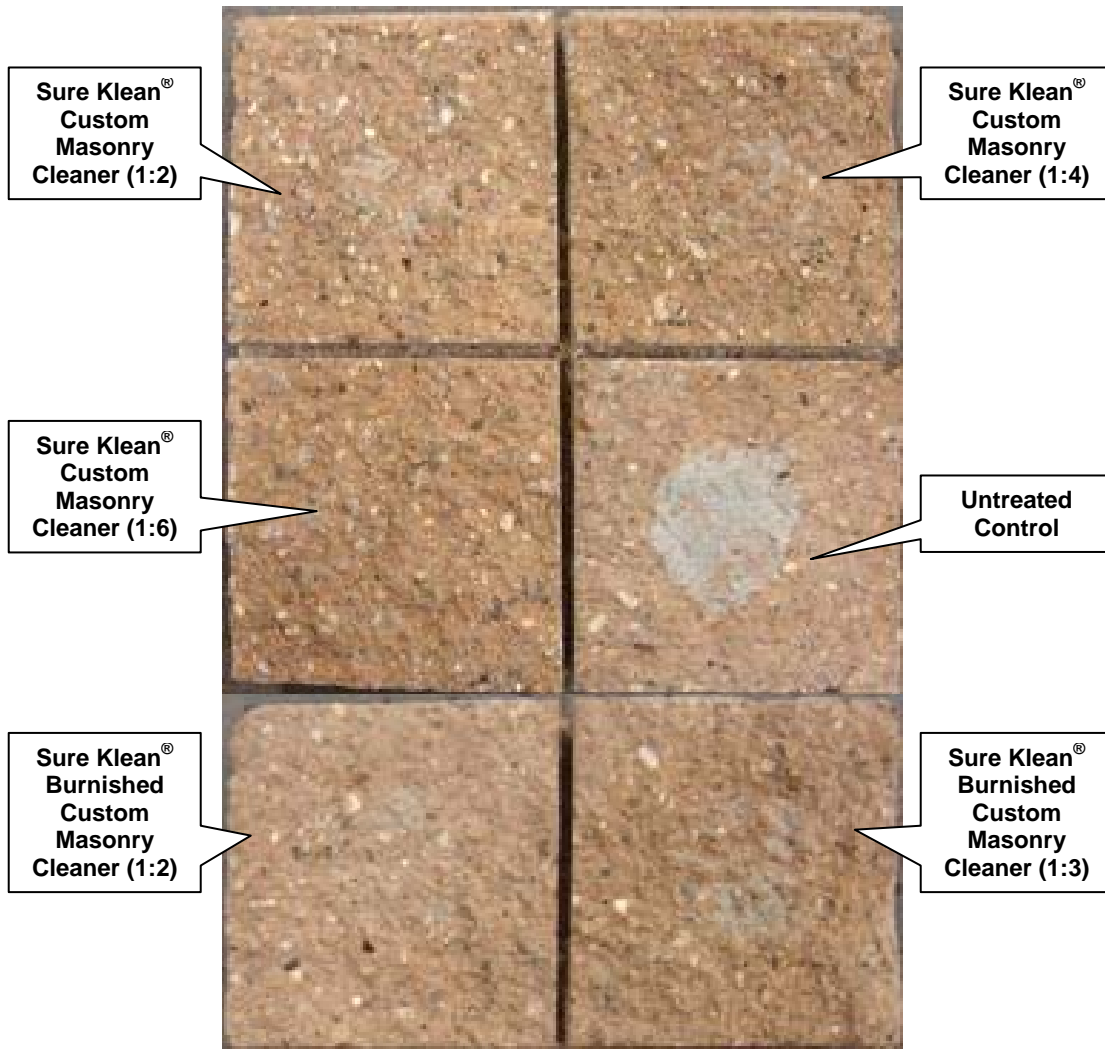


PALLET TAG PROGRAM LABORATORY REPORT



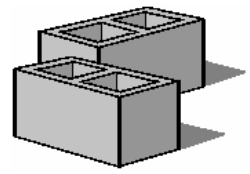
Photographs – New Construction Cleaning

“Desert Tan” Split-face; 7 Day Cleaning





PALLET TAG PROGRAM LABORATORY REPORT

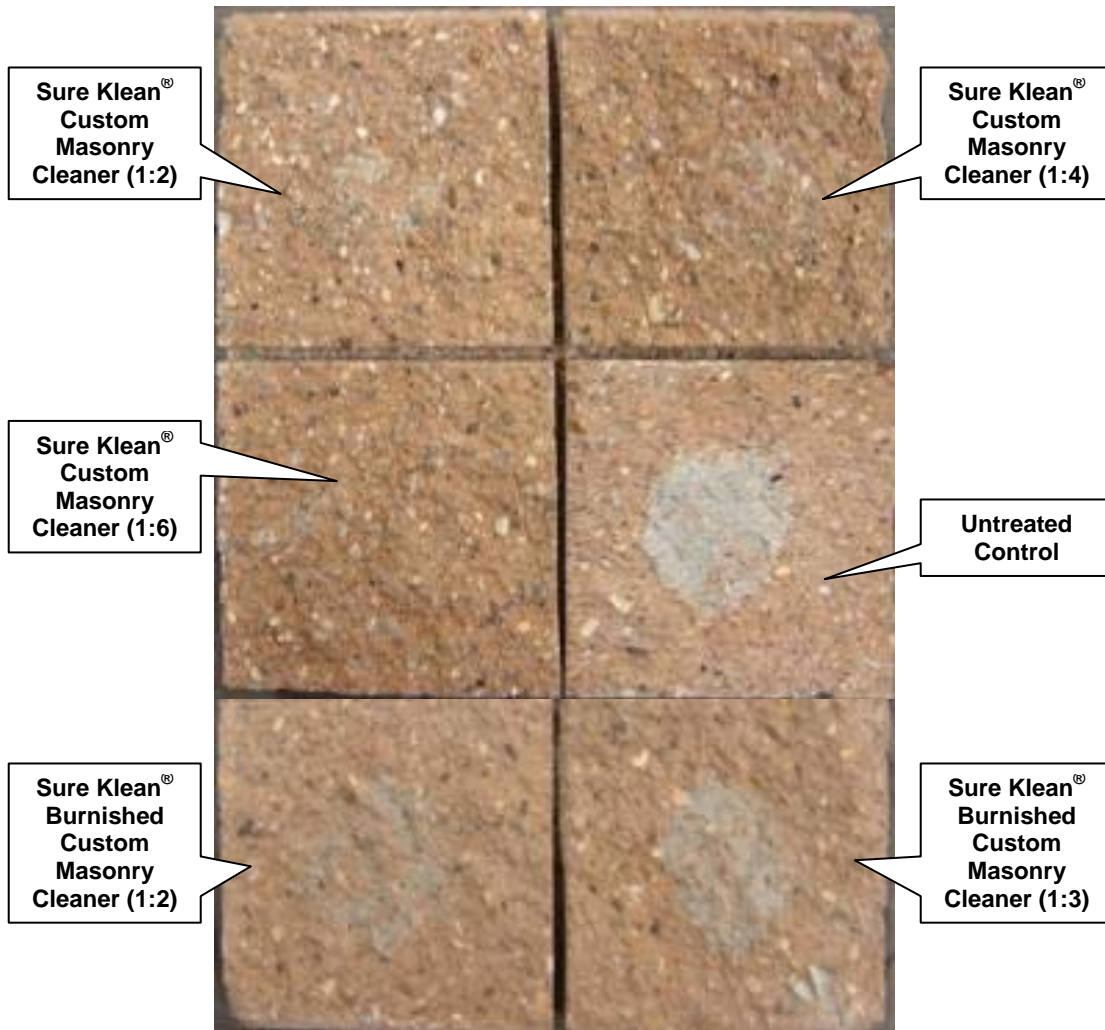


PROSOCO, Inc.

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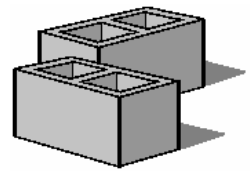
Photographs – New Construction Cleaning

“Desert Tan” Split-face; 14 Day Cleaning





PALLET TAG PROGRAM LABORATORY REPORT

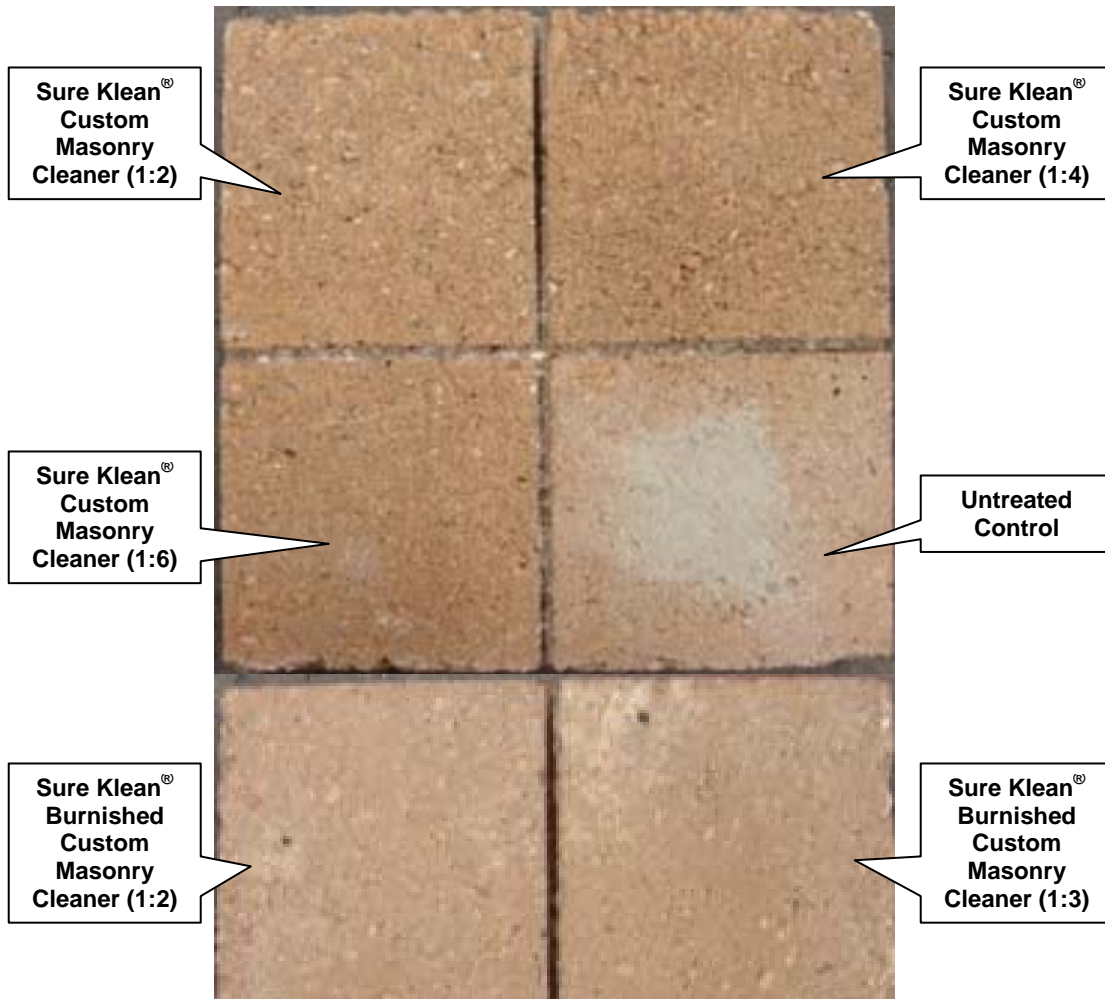


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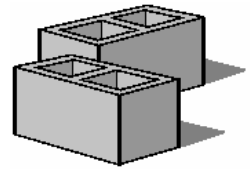
Photographs – New Construction Cleaning

“Desert Tan” Smooth-face; 3 Day Cleaning



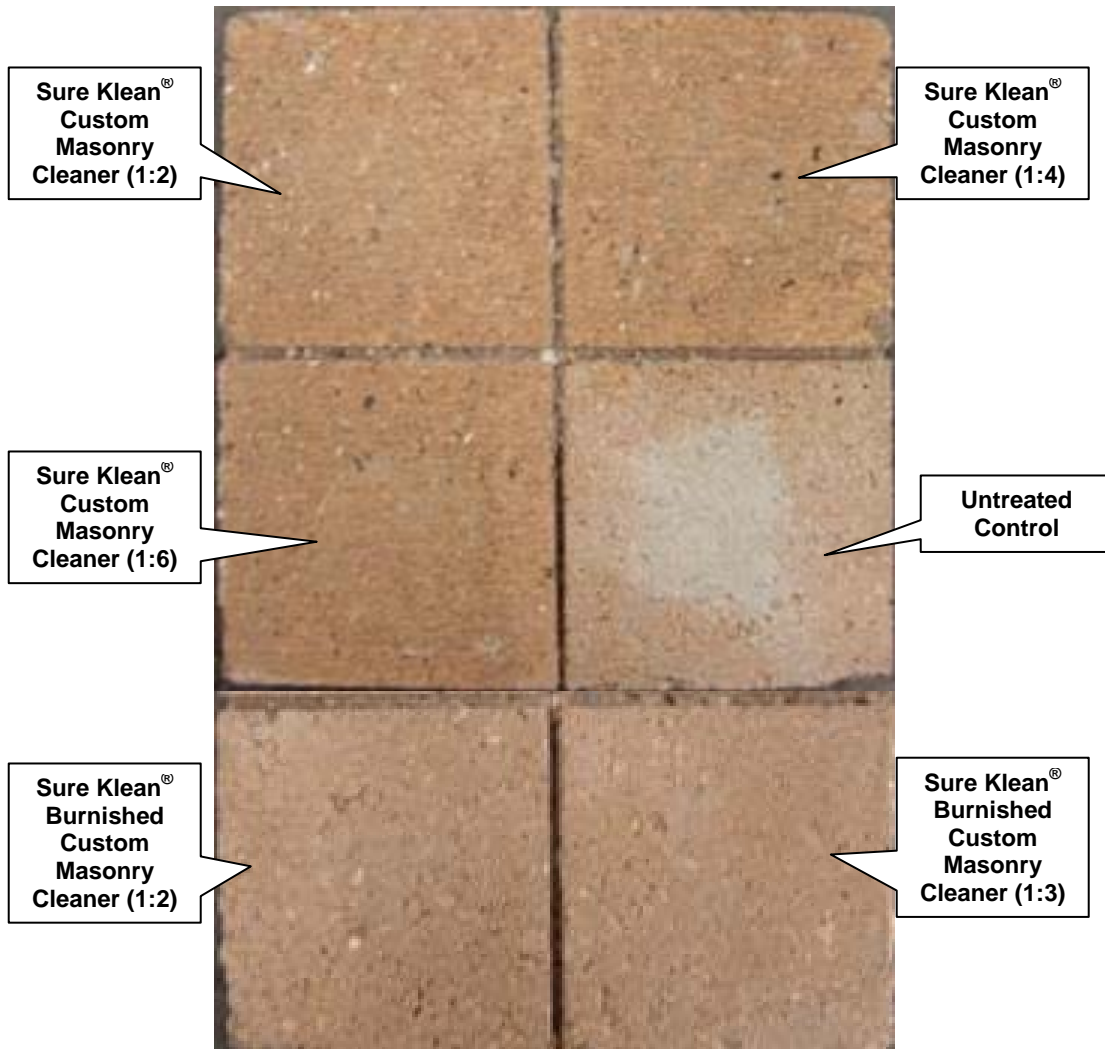


PALLET TAG PROGRAM LABORATORY REPORT



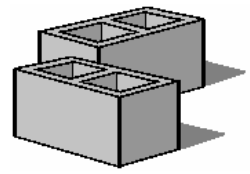
Photographs – New Construction Cleaning

“Desert Tan” Smooth-face; 7 Day Cleaning



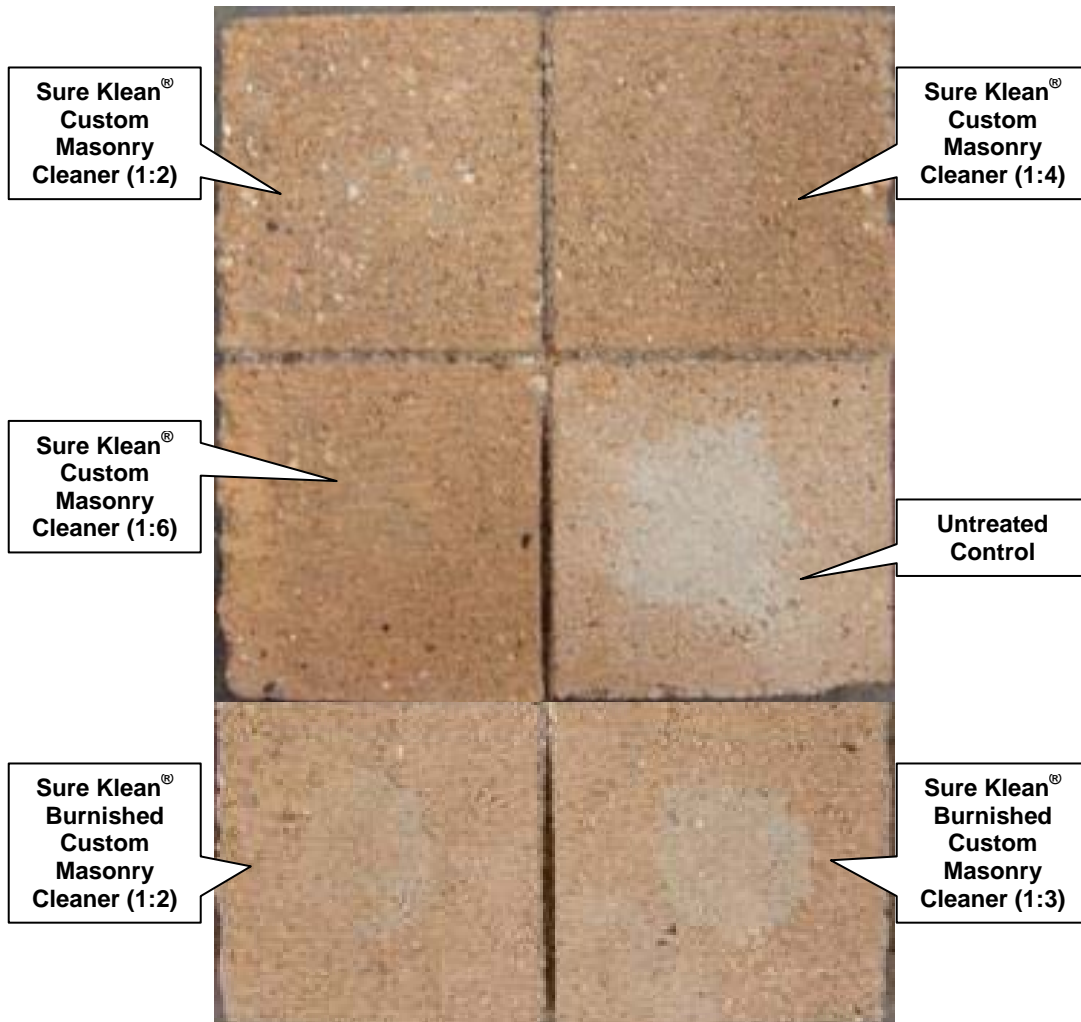


PALLET TAG PROGRAM LABORATORY REPORT



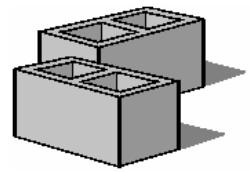
Photographs – New Construction Cleaning

“Desert Tan” Smooth-face; 14 Day Cleaning





PALLET TAG PROGRAM LABORATORY REPORT



Photographs – New Construction Cleaning

“Desert Tan” Ground-face; 3 Day Cleaning



“Desert Tan” Ground-face; 7 Day Cleaning

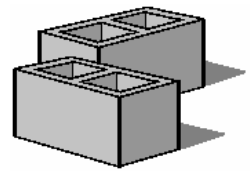


“Desert Tan” Ground-face; 14 Day Cleaning



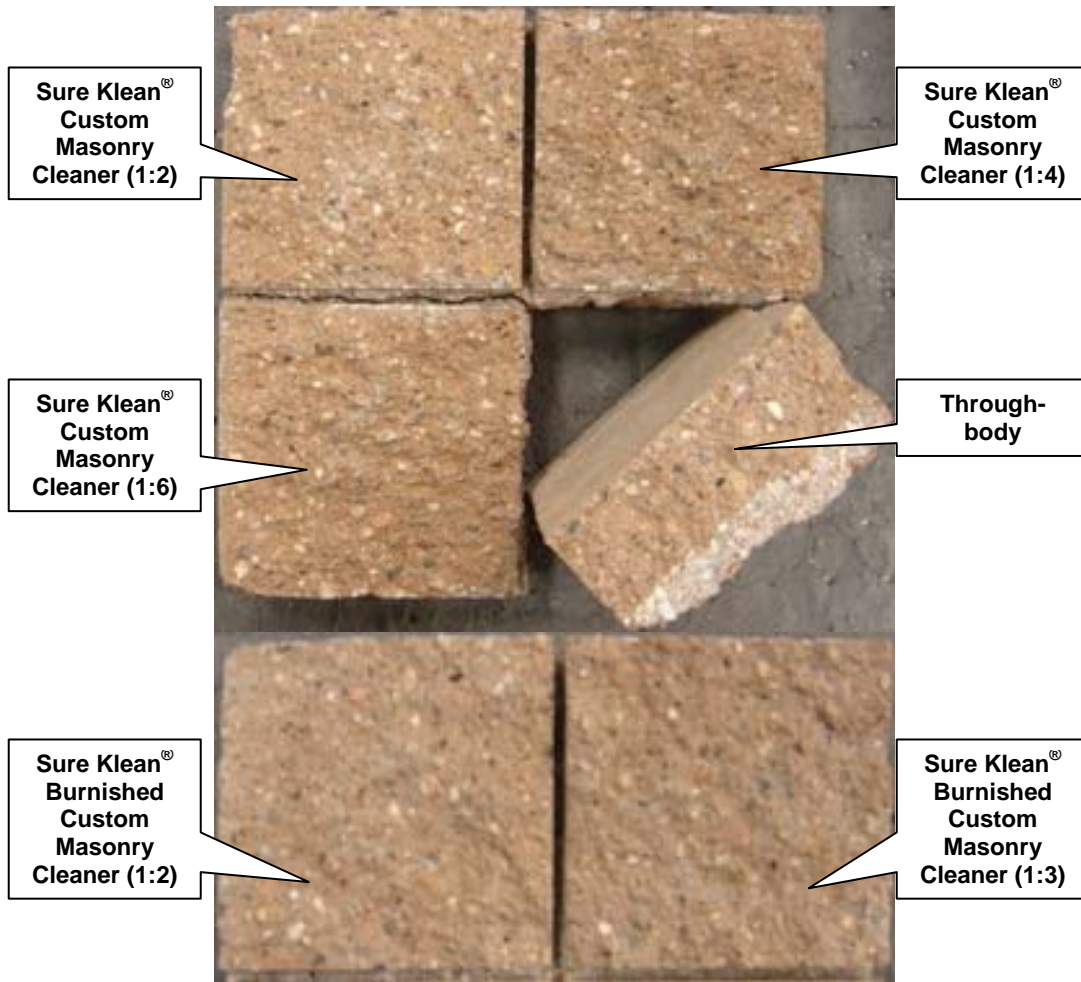


PALLET TAG PROGRAM LABORATORY REPORT



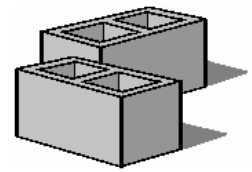
Photographs – Color Uniformity

“Desert Tan” Split-face; Through-body



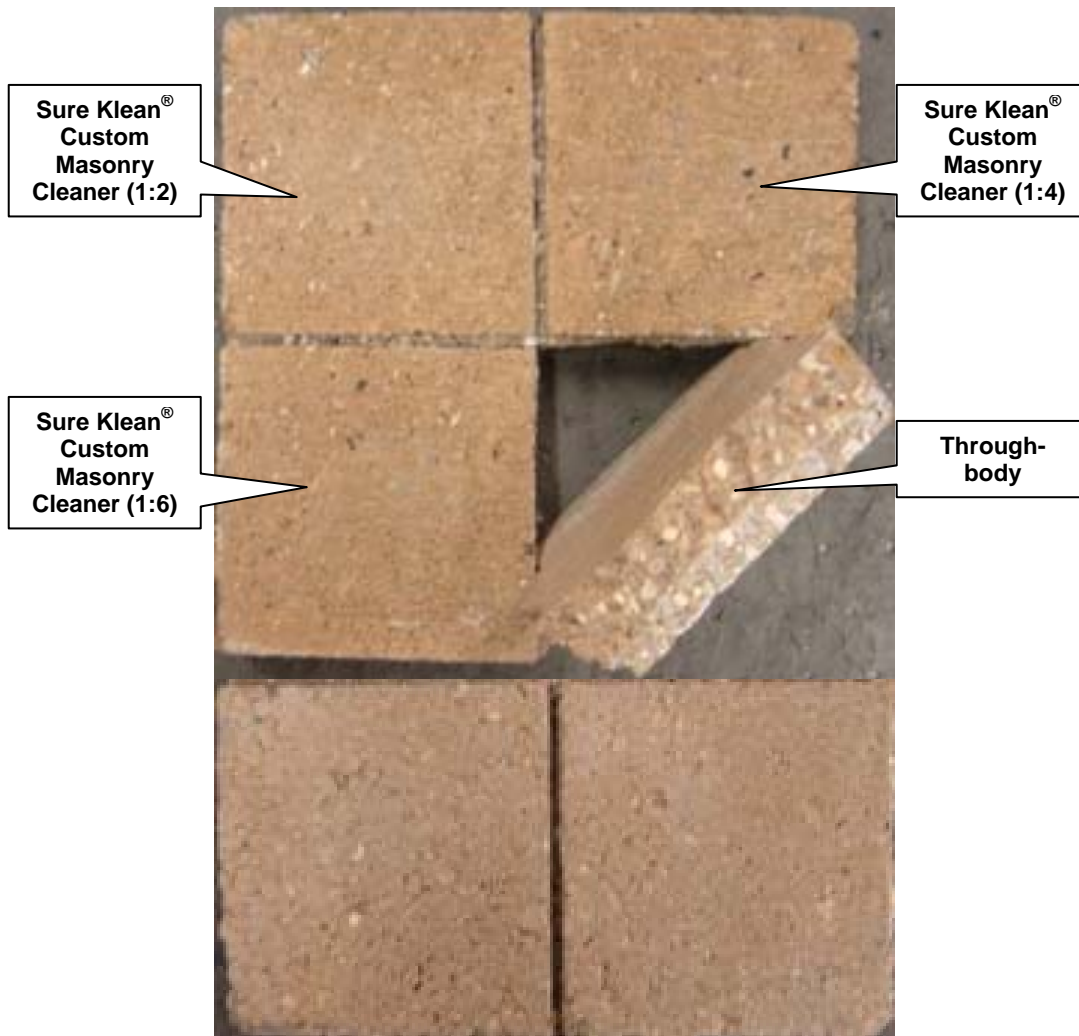


PALLET TAG PROGRAM LABORATORY REPORT

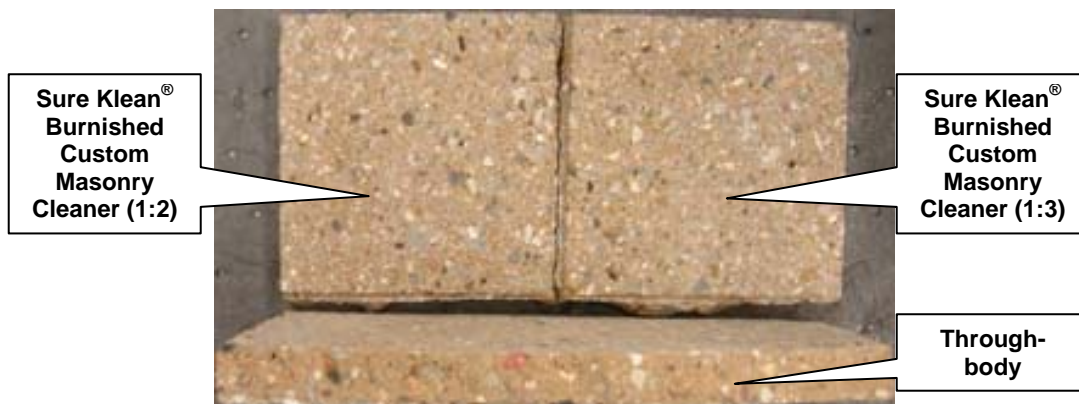


Photographs – Color Uniformity

“Desert Tan” Smooth-face; Through-body

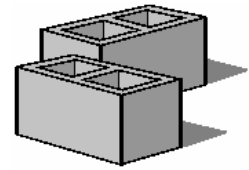


“Desert Tan” Ground-face; Through-body





PALLET TAG PROGRAM LABORATORY REPORT



Conclusions – New Construction Cleaning

Based on the test data, all of the submitted samples were efficiently cleaned with a dilution of Sure Klean® Custom Masonry Cleaner or Sure Klean® Burnished 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 LaFarge Canada, Inc., Calgary, Alberta, Canada are provided in the chart below. Recommendations are based on the optimum dilution for complete removal of mortar while providing the best match to the through-body color of CMU's.

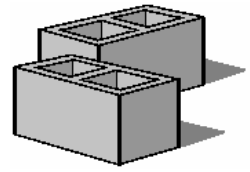
Block	New Construction Cleaning (Type S mortar, 14 day cleaning)
"Buff" Split-face CMU's "Charcoal Cinder" Split-face CMU's "Desert Tan" Split-face CMU's "Grey" Split-face CMU's "Ivory" Split-face CMU's "Silver Mist" Split-face CMU's	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)
"Charcoal" Split-face CMU's "Cinnamon" Split-face CMU's "Colonial Red" Split-face CMU's "Natural Cinder" Split-face CMU's	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4)
"Buff" Smooth-face CMU's "Charcoal" Smooth-face CMU's "Colonial Red" Smooth-face CMU's "Ivory" Smooth-face CMU's "Silver Mist" Smooth-face CMU's	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2)
"Charcoal Cinder" Smooth-face CMU's "Cinnamon" Smooth-face CMU's "Desert Tan" Smooth-face CMU's "Grey" Smooth-face CMU's "Natural Cinder" Smooth-face CMU's	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)
All Submitted Ground-face CMU's	Sure Klean® Burnished Custom Masonry 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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PROSOCO, Inc.

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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 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 alkoxy siloxanes mixes easily with water to produce a penetrating water repellent ideal for application to dense or porous masonry surfaces.

Sample Preparation – Protective Water Repellents

The submitted blocks were scored, allowed to dry, and to reabsorb atmospheric humidity for 24 hours prior to treatment. All products were applied by brush in accordance with the recommendations in the PROSOCO, Inc. product guide. All treatments were allowed to cure in accordance with the recommendations in the PROSOCO, Inc. product guide.

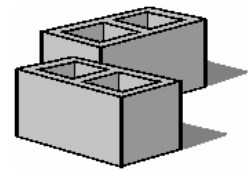
Test Methods – Protective Water Repellents

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.



PALLET TAG PROGRAM LABORATORY REPORT



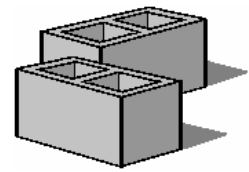
Test Results – Protective Water Repellents

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

RESULTS	
"Buff" Split-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	59 mph
"Buff" Smooth-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph
"Buff" Ground-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph
"Charcoal" Split-face CMU	
Untreated Control	53 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph
"Charcoal" Smooth-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph
"Charcoal" Ground-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph
"Charcoal Cinder" Split-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph



PALLET TAG PROGRAM LABORATORY REPORT



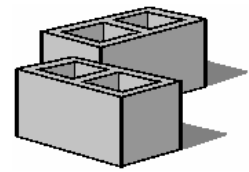
Test Results – Protective Water Repellents

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

RESULTS	
"Charcoal Cinder" Smooth-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	59 mph
"Cinnamon" Split-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	59 mph
Siloxane WB 1:9	59 mph
"Cinnamon" Smooth-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	59 mph
Siloxane WB 1:9	59 mph
"Cinnamon" Ground-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph
"Colonial Red" Split-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	59 mph
Blok-Guard® & Graffiti Control II	57 mph
Siloxane WB 1:9	57 mph
"Colonial Red" Smooth-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	59 mph
Siloxane WB 1:9	59 mph
"Colonial Red" Ground-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph



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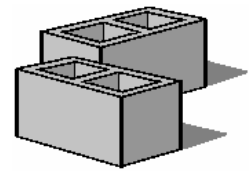
Test Results – Protective Water Repellents

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

RESULTS	
"Desert Tan" Split-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph
"Desert Tan" Smooth-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	59 mph
Siloxane WB 1:9	60 mph
"Desert Tan" Ground-face CMU	
Untreated Control	57 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph
"Grey" Split-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph
"Grey" Smooth-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph
"Grey" Ground-face CMU	
Untreated Control	57 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph
"Ivory" Split-face CMU	
Untreated Control	54 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph



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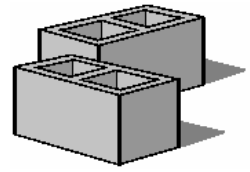
Test Results – Protective Water Repellents

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

RESULTS	
"Ivory" Smooth-face CMU	
Untreated Control	49 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph
"Ivory" Ground-face CMU	
Untreated Control	54 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph
"Natural Cinder" Split-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	59 mph
Blok-Guard® & Graffiti Control II	59 mph
Siloxane WB 1:9	59 mph
"Natural Cinder" Smooth-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	59 mph
Siloxane WB 1:9	59 mph
"Natural Cinder" Ground-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	59 mph
"Silver Mist" Split-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph
"Silver Mist" Smooth-face CMU	
Untreated Control	<40 mph
Blok-Guard® & Graffiti Control	60 mph
Blok-Guard® & Graffiti Control II	60 mph
Siloxane WB 1:9	60 mph



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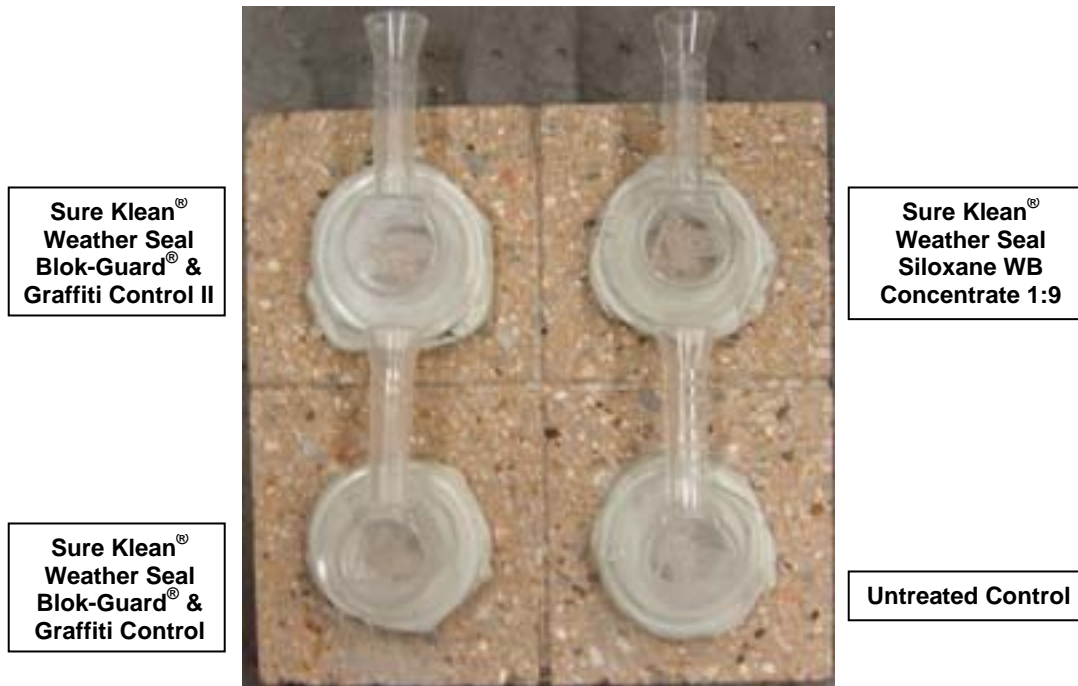


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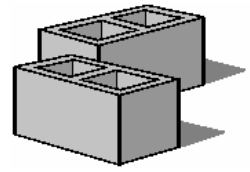
Photographs – Protective Water Repellents

“Desert Tan” Ground-face CMU; RILEM Testing





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Conclusions – Protective Water Repellents

Based upon laboratory evaluations, all of the PROSOCO, Inc. products tested provided excellent water repellency to each of the submitted samples. In addition, Sure Klean® Weather Seal Blok-Guard® & Graffiti Control 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 alter the appearance of the samples in any way.

Recommendations – Protective Water Repellents

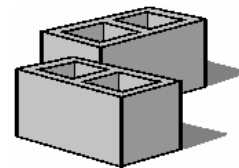
Recommendations for water repellency treatment for each type of CMU submitted by LaFarge Canada, Inc., Calgary, Alberta, Canada are provided in the chart below. Recommendations are based on the treatment that proved most effective and can provide water repellency on all types submitted.

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

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 concrete block samples.

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.

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.

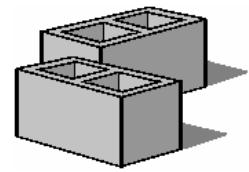
Sure Klean® Fast Acting Stripper – A thixotropic stripping compound formulated specifically for removal of high strength paints and coatings such as epoxies, polyurethanes, and floor enamels. Additionally, Fast Acting Stripper dissolves most spray paints, marking pens, lacquers and other graffiti.

Graffiti Agents

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



PALLET TAG PROGRAM LABORATORY REPORT



Sample Preparation – Graffiti Control

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

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

Spray paint and markers were applied as graffiti agents to all treated surfaces no sooner than one day following application of Sure Klean® Weather Seal Blok-Guard® & Graffiti Control or 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 either Defacer Eraser® Graffiti Wipe or Sure Klean® Fast Acting Stripper.

Test Method – Graffiti Control

Chemical cleaners were evaluated using the following procedure:

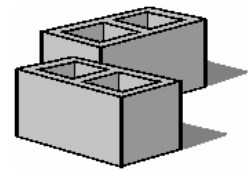
1. Apply the product to a dry surface, soiled with graffiti.
2. Allow appropriate dwell time:

Graffiti Wipe	5 minutes
Fast Acting Stripper	20 minutes
3. Pressure rinse thoroughly until water runs clear. *
4. Allow the surface to dry thoroughly and visually examine to determine effectiveness.

* Pressure rinsing was conducted at approximately 1300 psi with a warm water flow rate of 1.9 gallons per minute.



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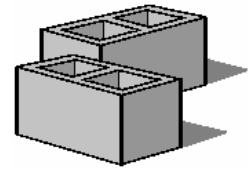


Test Results – Graffiti Control

“Buff” Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	70%	80%	70%	70%	73%
Graffiti Wipe	70%	80%	70%	70%	73%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	99%	95%	99%	97%
Graffiti Wipe	90%	99%	95%	95%	95%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	99%	85%	95%	92%
Graffiti Wipe	90%	99%	85%	95%	92%
“Buff” Smooth-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	95%	85%	85%	89%
Graffiti Wipe	90%	90%	85%	85%	88%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	99%	99%	98%	99%
Graffiti Wipe	99%	99%	99%	98%	99%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	99%	98%	98%	99%
Graffiti Wipe	99%	99%	98%	98%	99%
“Buff” Ground-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	95%	90%	90%	93%
Graffiti Wipe	80%	80%	80%	80%	80%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	100%	100%	100%
Graffiti Wipe	99%	100%	100%	100%	100%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	99%	98%	99%	99%
Graffiti Wipe	95%	99%	98%	99%	98%
“Charcoal” Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	100%	70%	95%	86%
Graffiti Wipe	80%	100%	70%	90%	85%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	99%	99%	98%
Graffiti Wipe	95%	100%	99%	99%	98%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	80%	99%	92%
Graffiti Wipe	90%	100%	80%	99%	92%



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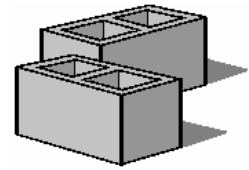


Test Results – Graffiti Control

“Charcoal” Smooth-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	95%	90%	95%	91%
Graffiti Wipe	85%	95%	90%	95%	91%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	98%	99%	99%
Graffiti Wipe	99%	99%	98%	99%	99%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	95%	99%	96%
Graffiti Wipe	90%	99%	95%	95%	95%
“Charcoal” Ground-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	95%	90%	90%	90%
Graffiti Wipe	85%	90%	90%	90%	89%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	99%	99%	99%
Graffiti Wipe	99%	100%	99%	99%	99%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	95%	99%	96%
Graffiti Wipe	90%	99%	95%	95%	95%
“Charcoal Cinder” Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	98%	95%	99%	94%
Graffiti Wipe	50%	50%	80%	95%	69%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	100%	99%	100%	99%
Graffiti Wipe	98%	95%	99%	100%	98%
Blok-Guard® & Graffiti Control II	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%
“Charcoal Cinder” Smooth-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	95%	95%	95%	93%
Graffiti Wipe	60%	90%	95%	95%	85%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	100%	99%	98%	99%
Graffiti Wipe	98%	95%	99%	98%	98%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	98%	99%	98%
Graffiti Wipe	95%	98%	95%	99%	97%



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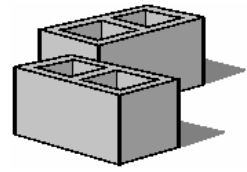


Test Results – Graffiti Control

“Cinnamon” Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	98%	95%	99%	96%
Graffiti Wipe	50%	50%	95%	99%	74%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	99%	100%	100%	100%
Graffiti Wipe	99%	98%	100%	100%	99%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	99%	95%	100%	97%
Graffiti Wipe	90%	99%	95%	100%	96%
“Cinnamon” Smooth-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	98%	90%	95%	92%
Graffiti Wipe	85%	50%	90%	95%	80%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	98%	100%	98%
Graffiti Wipe	95%	90%	98%	100%	96%
Blok-Guard® & Graffiti Control II	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%
“Cinnamon” Ground-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	99%	99%	98%	97%
Graffiti Wipe	50%	50%	99%	99%	75%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	100%	100%	100%	100%
Graffiti Wipe	99%	98%	100%	100%	99%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	100%	100%	99%
Graffiti Wipe	95%	100%	100%	100%	99%
“Colonial Red” Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	99%	98%	99%	94%
Graffiti Wipe	80%	90%	80%	99%	87%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	100%	99%	100%	99%
Graffiti Wipe	98%	95%	98%	100%	98%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	99%	100%	97%
Graffiti Wipe	90%	95%	98%	100%	96%



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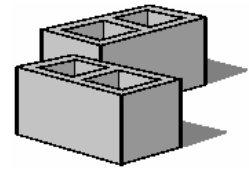


Test Results – Graffiti Control

“Colonial Red” Smooth-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	98%	90%	98%	94%
Graffiti Wipe	90%	90%	90%	98%	92%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	100%	100%	99%
Graffiti Wipe	95%	100%	100%	100%	99%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	98%	100%	98%
Graffiti Wipe	95%	95%	98%	100%	97%
“Colonial Red” Ground-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	95%	95%	95%	94%
Graffiti Wipe	50%	50%	95%	95%	73%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	100%	98%	98%
Graffiti Wipe	95%	100%	100%	98%	98%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	99%	95%	100%	96%
Graffiti Wipe	90%	98%	95%	98%	95%
“Desert Tan” Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	50%	90%	90%	98%	82%
Graffiti Wipe	50%	50%	60%	95%	64%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	100%	99%	99%	99%
Graffiti Wipe	98%	95%	98%	98%	97%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	90%	99%	95%
Graffiti Wipe	90%	98%	90%	98%	94%
“Desert Tan” Smooth-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	98%	95%	98%	94%
Graffiti Wipe	50%	50%	80%	95%	69%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	99%	100%	99%	99%
Graffiti Wipe	98%	95%	100%	98%	98%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	99%	95%	98%	97%
Graffiti Wipe	95%	99%	95%	95%	96%



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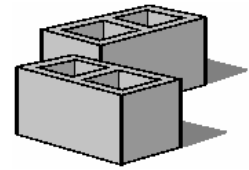


Test Results – Graffiti Control

“Desert Tan” Ground-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	95%	90%	95%	93%
Graffiti Wipe	70%	70%	90%	95%	81%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	98%	100%	100%	99%
Graffiti Wipe	99%	95%	100%	98%	98%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	98%	95%	98%	97%
Graffiti Wipe	95%	98%	95%	98%	97%
“Grey” Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	60%	70%	85%	75%
Graffiti Wipe	80%	50%	70%	80%	70%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	80%	95%	95%	91%
Graffiti Wipe	95%	85%	95%	95%	93%
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%	95%	89%
“Grey” Smooth-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	80%	70%	70%	78%
Graffiti Wipe	30%	30%	80%	80%	55%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	95%	98%	98%	97%
Graffiti Wipe	98%	90%	98%	98%	96%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	98%	95%	98%	97%
Graffiti Wipe	95%	98%	98%	98%	97%
“Grey” Ground-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	50%	90%	90%	90%	80%
Graffiti Wipe	50%	80%	80%	90%	75%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	99%	100%	98%	99%
Graffiti Wipe	99%	95%	100%	98%	98%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	99%	90%	98%	96%
Graffiti Wipe	95%	99%	85%	98%	94%



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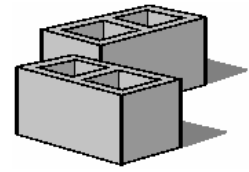


Test Results – Graffiti Control

“Ivory” Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	90%	85%	90%	86%
Graffiti Wipe	50%	60%	60%	85%	64%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	99%	100%	99%	99%
Graffiti Wipe	99%	98%	99%	99%	99%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	99%	90%	95%	96%
Graffiti Wipe	95%	98%	90%	95%	95%
“Ivory” Smooth-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	85%	85%	85%	95%	88%
Graffiti Wipe	50%	50%	85%	85%	68%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	95%	95%	95%	95%
Graffiti Wipe	95%	85%	95%	95%	93%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	99%	90%	99%	96%
Graffiti Wipe	95%	99%	90%	99%	96%
“Ivory” Ground-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	90%	98%	95%	93%
Graffiti Wipe	80%	80%	95%	95%	88%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	95%	100%	95%	97%
Graffiti Wipe	99%	90%	100%	95%	96%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	98%	98%	99%	98%
Graffiti Wipe	95%	98%	99%	99%	98%
“Natural Cinder” Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	95%	80%	90%	89%
Graffiti Wipe	70%	90%	98%	90%	87%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	100%	95%	99%	97%
Graffiti Wipe	95%	100%	90%	95%	95%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	99%	90%	99%	95%
Graffiti Wipe	90%	99%	90%	95%	94%



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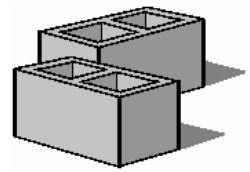


Test Results – Graffiti Control

“Natural Cinder” Smooth-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	85%	80%	80%	85%
Graffiti Wipe	95%	85%	80%	80%	85%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	99%	90%	99%	97%
Graffiti Wipe	98%	95%	90%	98%	95%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	95%	90%	98%	95%
Graffiti Wipe	98%	95%	90%	95%	95%
“Natural Cinder” Ground-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	90%	80%	90%	89%
Graffiti Wipe	50%	50%	80%	90%	68%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	99%	95%	99%	100%	98%
Graffiti Wipe	99%	90%	98%	100%	97%
Blok-Guard® & Graffiti Control II	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%
“Silver Mist” Split-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	80%	90%	70%	80%	80%
Graffiti Wipe	80%	80%	70%	80%	78%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	99%	98%	98%	98%
Graffiti Wipe	95%	95%	98%	98%	97%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	90%	100%	90%	95%	94%
Graffiti Wipe	90%	100%	90%	90%	93%
“Silver Mist” Smooth-face CMU					
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	95%	95%	85%	85%	90%
Graffiti Wipe	85%	90%	85%	85%	86%
Blok-Guard® & Graffiti Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	98%	100%	98%	99%
Graffiti Wipe	98%	90%	99%	95%	96%
Blok-Guard® & Graffiti Control II	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal
Fast Acting Stripper	98%	98%	95%	95%	97%
Graffiti Wipe	95%	98%	95%	95%	96%



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Photographs – Graffiti Control

“Buff” Smooth-face CMU; Before Graffiti Removal



Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II	Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control	Untreated Control
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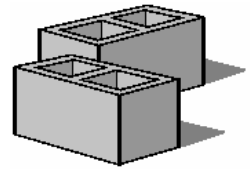
“Buff” Smooth-face CMU; After Graffiti Removal



Sure Klean [®] Fast Acting Stripper	Defacer Eraser [®] Graffiti Wipe	Sure Klean [®] Fast Acting Stripper	Defacer Eraser [®] Graffiti Wipe	Sure Klean [®] Fast Acting Stripper	Defacer Eraser [®] Graffiti Wipe
Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control II		Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control		Untreated Control	



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Conclusions – Graffiti Control

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

Recommendations – Graffiti Control

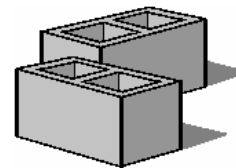
Recommendations for graffiti control treatment for each type of block submitted by LaFarge Canada, Inc., Calgary, Alberta, Canada are provided in the chart below. Recommendations are based on the treatment that proved most effective for providing graffiti repellency and the product that was most effective at removing the graffiti on all types submitted.

Block Type	Graffiti Repellents	Graffiti Removers
All Submitted CMU's	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control 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.



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Color Enhancement

Description of Products Evaluated – Color Enhancement

Sure Klean® Burnished Block Sealer – A water based acrylic emulsion for protecting and enhancing the finish of burnished concrete block. Applied with brush, roller or low-pressure sprayer, this milky-white liquid dries quickly to a tightly adhered glossy finish. Burnished Block Sealer provides resistance to the scrapes and scuffs of transport and facilitates the removal of mortar smears and other construction soiling. Following construction cleaning, a treatment of Burnished Block Sealer enhances the appearance of burnished block and makes maintenance cleaning easier.

T-2198 Ground-face Block Enhancer (In-plant) – A fast drying, durable, protective treatment designed for application under controlled conditions to newly-produced burnished and ground-face CMUs. T-2198 enhances the natural color and imparts a surface sheen that protects treated surfaces from water penetration and damage during new construction clean-down.

T-2186 In-Plant Treatment WB – A high flashpoint, low VOC, acrylic/siloxane emulsion designed for protecting and enhancing the finish of burnished concrete masonry units (CMUs). T-2186 provides sheen and color enhancement to the CMU while protecting it from water, construction soiling and acid attack. T-2186 is applied with brush, roller or low-pressure sprayer.

Sample Preparation – Color Enhancement

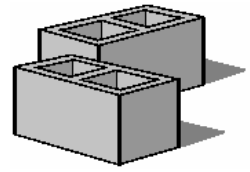
The submitted samples were cleaned with Enviro Klean® 2010 All Surface Cleaner diluted with 10 parts water, allowed to dry and absorb atmospheric moisture for 24 hours prior to treatment.

Test Method – Color Enhancement

The color enhancing products were applied by brush in accordance with the application instructions in the current PROSOCO, Inc. Product Guide. After 24 hours, a visual examination was made to determine the product that proved most effective in providing color enhancement to the submitted samples.



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Test Results – Color Enhancement

Block	Sure Klean® Burnished Block Sealer	T-2198 Ground-face Block Enhancer (In-Plant)	T-2186 In-Plant Treatment WB
“Buff”	1	3	2
“Charcoal”	2	3	1
“Cinnamon”	2	3	1
“Colonial Red”	2	3	1
“Desert Tan”	1	3	2
“Grey”	2	3	1
“Ivory”	1	3	2
“Natural Cinder”	1	3	2

Scale: 0- No enhancement; dull

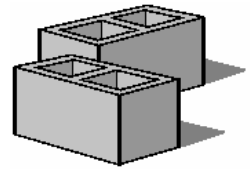
1- Slight Enhancement

2- Moderate Enhancement

3- Significant Enhancement



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Photographs – Color Enhancement

“Buff” Ground-face CMU; Color Enhancement Treatments Applied

Sure Klean[®]
Burnished
Block Sealer

T-2198 Ground-face
Block Enhancer
(In-Plant)

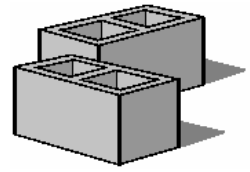
T-2186 In-Plant
Treatment WB

Untreated
Control





PALLET TAG PROGRAM LABORATORY REPORT



Recommendations – Color Enhancement

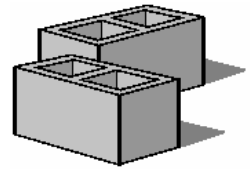
Recommendations for color enhancement for the submitted ground-face CMU's by LaFarge Canada, Inc., Calgary, Alberta, Canada are provided in the chart below. Recommendations are based on the treatment that proved most effective in providing color enhancement to the submitted samples.

Sample	Color Enhancement
"Charcoal" "Cinnamon" "Colonial Red" "Grey"	Sure Klean® Burnished Block Sealer OR T-2198 Ground-face Block Enhancer (In-Plant)
"Buff" "Desert Tan" "Ivory" "Natural Cinder"	T-2198 Ground-face Block Enhancer (In-Plant) OR T-2186 In-Plant Treatment WB

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



PALLET TAG PROGRAM LABORATORY REPORT



Adverse Effects

Sure Klean[®] Burnished Custom Masonry Cleaner, diluted with two and three parts water, was evaluated to determine if any adverse effects were created when used to clean ground-face CMU's which were previously treated with Sure Klean[®] Burnished Block Sealer, T-2198 Ground-face Block Enhancer (In-Plant) or T-2186 In-Plant Treatment WB.

Description of Products Evaluated – Adverse Effects

Sure Klean[®] Burnished Custom Masonry Cleaner – A general purpose, non-etching acidic cleaner for most custom masonry and colored concrete. Removes rust, mud, oil, atmospheric dirt, mortar smears and other stains without altering the surface texture, while also adding depth to colors and brightening white matrices and exposed aggregate. Liquid concentrate for dilution with 2-3 parts water. Apply by brush or low-pressure spray.

Test Method – Adverse Effects

The color enhancement products were applied by brush in accordance with the application instructions in the current PROSOCO, Inc. Product Data Sheets to the submitted ground-face CMU's. After 24 hours, the submitted samples were then cleaned with Sure Klean[®] Burnished Custom Masonry Cleaner. A visual examination of the cleaned surfaces was made to determine if any adverse effects were created due to the cleaning process.

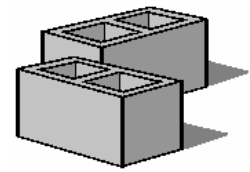
Dilution ratios refer to mixtures of parts concentrated cleaner : parts fresh water. Chemical cleaners were evaluated using the following procedure:

1. Pre-wet the surface with water.
2. Apply each cleaner at the appropriate dilutions.
3. Allow appropriate dwell time for each cleaner:
 Burnished Custom Masonry Cleaner (1:2), (1:3)..... 3-5 minutes
4. Reapply the products and moderately agitate with a brush.
5. Pressure rinse thoroughly.*
6. Allow the surface to dry for at least 18 hours and visually examine.

*Pressure rinsing was conducted at approximately 1300 psi with a warm water flow rate of 1.9 gallons per minute.



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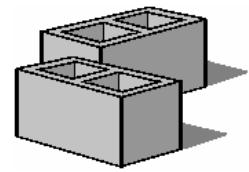


Test Results – Adverse Effects

"Buff"			
Treatment	Cleaner	Dilution	Adverse Effects?
Sure Klean® Burnished Block Sealer	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
T-2198 Ground-face Block Enhancer (In-Plant)	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
T-2186 In-Plant Treatment WB	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
"Charcoal"			
Treatment	Cleaner	Dilution	Adverse Effects?
Sure Klean® Burnished Block Sealer	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
T-2198 Ground-face Block Enhancer (In-Plant)	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
T-2186 In-Plant Treatment WB	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
"Cinnamon"			
Treatment	Cleaner	Dilution	Adverse Effects?
Sure Klean® Burnished Block Sealer	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
T-2198 Ground-face Block Enhancer (In-Plant)	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
T-2186 In-Plant Treatment WB	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
"Colonial Red"			
Treatment	Cleaner	Dilution	Adverse Effects?
Sure Klean® Burnished Block Sealer	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
T-2198 Ground-face Block Enhancer (In-Plant)	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
T-2186 In-Plant Treatment WB	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
"Desert Tan"			
Treatment	Cleaner	Dilution	Adverse Effects?
Sure Klean® Burnished Block Sealer	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
T-2198 Ground-face Block Enhancer (In-Plant)	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
T-2186 In-Plant Treatment WB	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects



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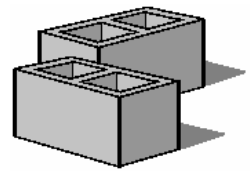


Test Results – Adverse Effects

"Grey"			
Treatment	Cleaner	Dilution	Adverse Effects?
Sure Klean® Burnished Block Sealer	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
T-2198 Ground-face Block Enhancer (In-Plant)	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
T-2186 In-Plant Treatment WB	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
"Ivory"			
Treatment	Cleaner	Dilution	Adverse Effects?
Sure Klean® Burnished Block Sealer	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
T-2198 Ground-face Block Enhancer (In-Plant)	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
T-2186 In-Plant Treatment WB	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
"Natural Cinder"			
Treatment	Cleaner	Dilution	Adverse Effects?
Sure Klean® Burnished Block Sealer	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
T-2198 Ground-face Block Enhancer (In-Plant)	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects
T-2186 In-Plant Treatment WB	Burnished Custom Masonry Cleaner	1:2	No adverse effects
		1:3	No adverse effects



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PROSOCO, Inc.

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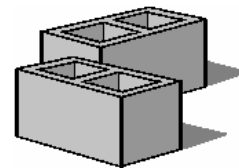
Photographs – Adverse Effects

“Buff” Ground-face CMU

Before		After	
Sure Klean® Burnished Block Sealer	T-2198 Ground-face Block Enhancer (In-Plant)	Sure Klean® Burnished Block Sealer	T-2198 Ground-face Block Enhancer (In-Plant)
T-2186 In-Plant Treatment WB	Untreated Control	T-2186 In-Plant Treatment WB	Untreated Control



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Conclusions – Adverse Effects

Based on the test data, neither of the dilutions of Sure Klean® Burnished Custom Masonry Cleaner evaluated caused any adverse effects when used on the submitted ground-face CMU's previously treated with the color enhancement treatments.

Recommendations – Adverse Effects

Recommendations for each type of ground-face CMU submitted by LaFarge Canada, Inc., Calgary, Alberta, Canada are provided in the chart below.

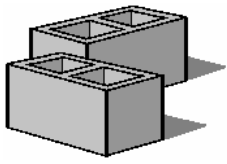
Sample	Recommendations
All Submitted Ground-face CMU's	There were no adverse effects when Sure Klean® Burnished Custom Masonry Cleaner (1:2) or (1:3) was used in accordance with application instructions over Sure Klean® Burnished Block Sealer, T-2198 Ground-face Block Enhancer (In-Plant) or T-2186 In-Plant Treatment WB.

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. Pressure rinsing equipment providing at least 400 psi at 4-6 gpm delivered through a 15-40 degree fan spray often produces best cleaning results.

Apply all products in accordance with the manufacturer's recommendation provided on container labels and product data sheets. On-site testing should be conducted to determine the most appropriate 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

**LaFarge Canada, Inc.
Calgary, Alberta, Canada**

Project No. 0501-05 PTP

Prepared For:

**LaFarge Canada, Inc.
Deerfoot Trail & Southland Dr SE
Calgary, Alberta, Canada T1X 1E1**

Prepared By:



***PROSOCO, Inc.
April 2005***