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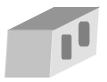
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### **ATTACHMENTS**

Technical Services TECH Note RILEM Tube Test Procedures

Product Data literature for all products evaluated





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FOR: Harold Willcutt Jr.

cc: James Holt

Paul Tessier Stephen Dean

**SUBJECT:** Willcutt Block & Supply, Inc.

Columbus, MS

**DATE:** September 19, 2003

**PROJECT:** 0308-15 PTP

**SAMPLES SUBMITTED:** Four types split-face CMU's, all with "WR Grace Dry Block" Integral Water Repellent

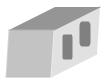
<u>Block</u>	<u>Number</u>	<u>Color</u>	<u>Size</u>
	4	"201", Tan	
Colit force CMI I'c	4	"234", Red	0" + 40" + 0"
Split-face CMU's	4	"277", Gray	8" x 16" x 2"
	4	"510", White	

Submitted by: Harold Willcutt Jr.

Willcutt Block & Supply, Inc.

Columbus, MS





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#### **PURPOSE OF TESTING:**

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

**A.** Cleaning Concrete Masonry Units: Sure Klean<sup>®</sup> Custom Masonry Cleaner was 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 Ash Grove<sup>®</sup> 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 Ash Grove<sup>®</sup> Type S mortar staining after 3 days, 7 days, and 14 days of curing.

**B. Color Uniformity Testing\*** - Sure Klean<sup>®</sup> Custom Masonry Cleaner was 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.

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

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

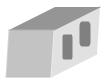
- 0 **Worst** match to through-body
- 3 **Good** match to through-body
- 1 **Poor** match to through-body
- 4 **Best** match to through-body
- 2 **Fair** match to through-body

### \* 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 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.

- **C.** Protective Water Repellents Sure Klean<sup>®</sup> Custom Masonry Sealer and Sure Klean<sup>®</sup> Weather Seal Siloxane WB in two dilutions were evaluated for their ability to provide water repellency to the submitted samples.
- **D. Graffiti Control** Sure Klean<sup>®</sup> Custom Masonry Sealer was evaluated for its ability to control graffiti on the submitted block samples. Sure Klean<sup>®</sup> Fast Acting Stripper, Defacer Eraser<sup>®</sup> Graffiti Release and Defacer Eraser<sup>®</sup> Graffiti Wipe were evaluated for their ability to remove graffiti from the submitted samples.



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### PRODUCTS EVALUATED FOR CLEANING AND COLOR UNIFORMITY

Block Type	Product	Dilution
All Submitted CMU's	Sure Klean <sup>®</sup> Custom Masonry Cleaner	1:2, 1:4, 1:6

### WATER REPELLENT PRODUCTS EVALUATED

Block Type	Product	Dilution
All Submitted CMU's	Sure Klean <sup>®</sup> Custom Masonry Sealer	Concentrate
0	Sure Klean <sup>®</sup> Weather Seal Siloxane WB	1:9, 1:14

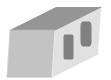
### **GRAFFITI CONTROL PRODUCTS EVALUATED**

Block Type	Product
All submitted CMU's	Sure Klean <sup>®</sup> Custom Masonry Sealer

### **GRAFFITI REMOVAL PRODUCTS EVALUATED**

Block Type	Product
	Sure Klean <sup>®</sup> Fast Acting Stripper
All submitted CMU's	Defacer Eraser <sup>®</sup> Graffiti Wipe
	Defacer Eraser <sup>®</sup> Graffiti Release





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### SECTION A - CLEANING INTEGRALLY COLORED CMU's

### **DESCRIPTION OF PRODUCTS EVALUATED**

These cleaning trials were conducted to determine the optimal cleaning/cure time combination.

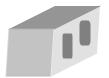
**Sure Klean<sup>®</sup> Custom Masonry Cleaner** – A general purpose, concentrated acidic cleaner for most custom masonry and colored concrete. Removes concrete splashes, excess mortar, mud, heavy efflorescence and surface soiling, leaving the masonry clean and uniform with no acid burning or streaking.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

### **TEST METHOD – Cleaning**

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

- 1. Prewet the surface with water.
- 2. Apply the cleaner at the appropriate dilutions.
- 4. Reapply the product 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 - Cleaning**

### % removal

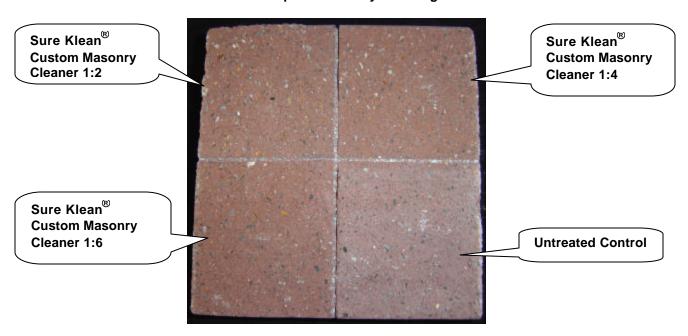
	"201" Split-face	СМИ		
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	100%	100%
Custom Masonry Cleaner	1:4	100%	100%	100%
Custom Masonry Cleaner	1:6	100%	100%	100%
	"234" Split-face	CMU		
Product	Dilution	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	100%	100%	100%
Custom Masonry Cleaner	1:4	100%	100%	100%
Custom Masonry Cleaner	1:6	100%	100%	100%
Product	"277" Split-face	3 day	7 day	14 day
Custom Masonry Cleaner	1:2	95%	100%	100%
Custom Masonry Cleaner	1:4	95%	100%	100%
Custom Masonry Cleaner	1:6	95%	100%	100%
ļ				-
	"510" 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%



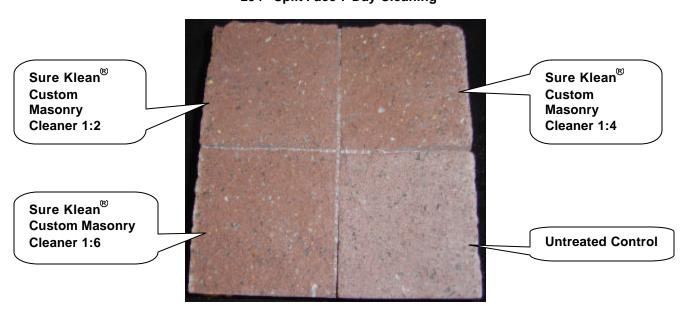
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### **PHOTOGRAPHS- Cleaning**

### "234" Split-Face 3 Day Cleaning



### "234" Split-Face 7 Day Cleaning



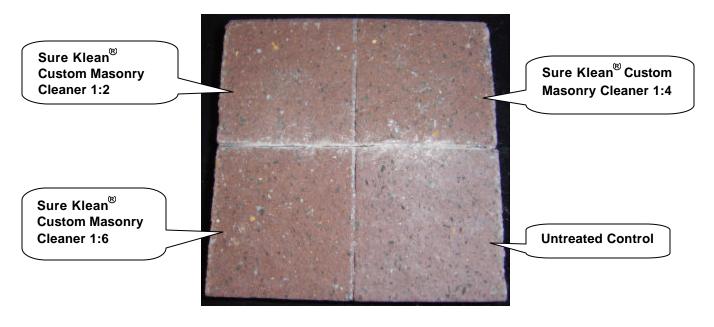




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#### **PHOTOGRAPHS- Continued**

### "234" Split-Face 14 Day Cleaning







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#### **CONCLUSIONS – Cleaning**

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

All dilutions of Sure Klean<sup>®</sup> Custom Masonry Cleaner tested affected the substrate in a similar manner, removing slight to heavy concentrations of pigmented matrix from the blocks, exposing small and large aggregate, and enhancing the natural appearance of the integrally colored concrete masonry unit.

#### **RECOMMENDED PRODUCTS AND DILUTIONS - CLEANING**

Recommendations for cleaning for each type of CMU submitted by Willcutt Block & Supply Inc., Columbus, MS are provided in the chart below. Recommendations are based on the optimum dilution for complete removal of mortar.

Block	New Construction Cleaning (Type S mortar, 14 day cleaning)
All Submitted CMU's	Sure Klean <sup>®</sup> Custom Masonry Cleaner (1:6)

The most appropriate cleaner and dilution should be determined on the specific job-site, and will be dependent primarily on the nature and severity of soiling present at that location. Pressure rinsing equipment providing at least 400 psi at 4-6 gpm delivered though 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 cleaning product and procedures for a particular project. See product literature for additional application and product information.





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### **SECTION B - COLOR UNIFORMITY**

#### **DESCRIPTION OF PRODUCTS EVALUATED – Color Uniformity:**

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

### **TEST METHOD – Color Uniformity Testing:**

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

- 1. Prewet the surface with water.
- 2. Apply at the appropriate dilutions.
- 4. Reapply the product and moderately agitate with a brush.
- 5. Pressure rinse thoroughly.\*
- 6. Allow the sample to dry for at least 18 hours and visually examine.
- 7. Break the sample in half and compare the through-body surfaces to the cleaned surfaces for the best match.
- \* Pressure rinsing was conducted at approximately 1300 psi with a warm water flow rate of 1.9 gallons per minute.





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### **TEST RESULTS – Color Uniformity**

Substrate: Split-face CMU	Pigment Col	or: "201"		
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	
Custom Masonry Cleaner	1:2	3	3	
Custom Masonry Cleaner	1:4	3	3	
Custom Masonry Cleaner	1:6	3	3	
Substrate: Split-face CMU	Pigment Cole	or: "234"		
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	
Custom Masonry Cleaner	1:2	3	3	
Custom Masonry Cleaner	1:4	3	3	
Custom Masonry Cleaner	1:6	3	3	
Substrate: Split-face CMU	Pigment Col	or: "277"		
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	
Custom Masonry Cleaner	1:2	3	3	
Custom Masonry Cleaner	1:4	3	3	
Custom Masonry Cleaner	1:6	3	3	
Substrate: Split-face CMU	Pigment Cole	or: "510"		
Product	Dilution	Aggregate Exposure	Surface Pigment Alteration/Removal	
Custom Masonry Cleaner	1:2	3	3	
Custom Masonry Cleaner	1:4	3	3	
Custom Masonry Cleaner	1:6	3	3	

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

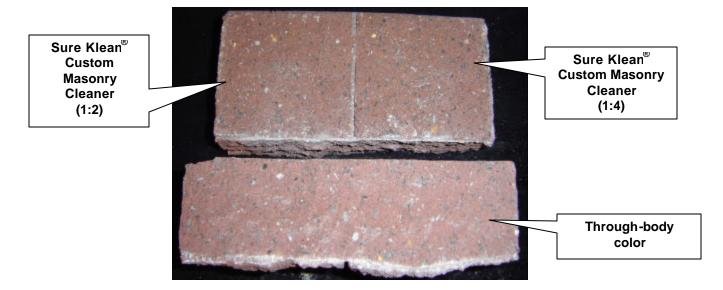




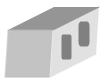
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### **PHOTOGRAPHS – Color Uniformity**

### "234" Through- Body







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#### **CONCLUSIONS: Color Uniformity**

Higher concentrations of cleaner removed moderate to heavy concentrations of pigmented matrix, exposing small and large aggregate. Lower concentrations of cleaner removed slight to moderate concentrations of pigmented matrix, exposing small and large aggregate. The recommended dilutions enhanced the natural appearance of the integrally colored CMU.

#### **RECOMMENDATIONS - COLOR UNIFORMITY**

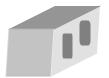
Recommendations for color uniformity for each type of CMU submitted by Willcutt Block & Supply Inc., Columbus, MS are provided in the chart below. Recommendations are based on the optimum dilution that provides the best color uniformity.

Block	Color Uniformity
All Submitted Split-face CMU's	Sure Klean <sup>®</sup> Custom Masonry Cleaner (1:6)

The most appropriate cleaner and dilution should be determined on the specific job-site, and will be dependent primarily on the nature and severity of soiling present at that location. Pressure rinsing equipment providing at least 400 psi at 4-6 gpm delivered though 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 cleaning product and procedures for a particular project. See product literature for additional application and product information.





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#### **SECTION C - 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

#### **DESCRIPTIONS OF PRODUCTS EVALUATED - Protective Water Repellents:**

**Sure Klean® Custom Masonry Sealer**- A clear, solvent-based silicone elastomer formulated to weatherproof custom masonry units, cast stone, architectural concrete block, precast concrete, wood and porous masonry. Custom Masonry Sealer penetrates and fills pores to prevent water penetration through exterior walls exposed to normal weathering. Custom Masonry Sealer has excellent UV stability and provides long-lasting protection against water penetration and many types of graffiti. Easy to apply with low-pressure spray, brush or roller.

**Sure Klean<sup>®</sup> Weather Seal Siloxane WB Concentrate**- A concentrated water repellent designed for dilution with fresh water at the jobsite. This solvent-free blend of silanes and oligomeric alkoxysiloxanes mixes easily with water to produce a penetrating water repellent ideal for application to dense or porous masonry surfaces.

#### **SAMPLE PREPARATION - Protective Water Repellents:**

The submitted blocks were scored, allowed to dry, and to reabsorb atmospheric humidity for 24 hours prior to treatment. All products were applied in accordance with the recommendations in the PROSOCO, Inc. product guide. All treatments were allowed to cure at least 3 days prior to testing.





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### **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.

### **TEST RESULTS - Protective Water Repellents:**

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

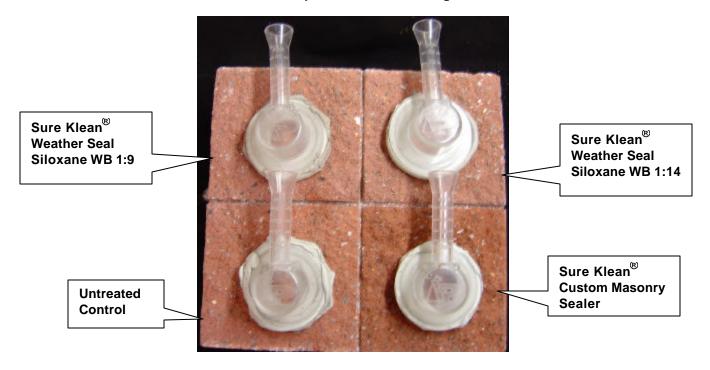
	RESULTS
"201" Split-face CI	MU
Untreated Control	< 40 mph
Custom Masonry Sealer	60 mph
Siloxane WB 1:9	59 mph
Siloxane WB 1:14	58 mph
"234" Split-face C	MU
Untreated Control	< 40 mph
Custom Masonry Sealer	60 mph
Siloxane WB 1:9	58 mph
Siloxane WB 1:14	58 mph
"277" Split-face CI	MU
Untreated Control	< 40 mph
Custom Masonry Sealer	60 mph
Siloxane WB 1:9	60 mph
Siloxane WB 1:14	60 mph
"510" Split-face CI	MU
Untreated Control	53 mph
Custom Masonry Sealer	59 mph
Siloxane WB 1:9	60 mph
Siloxane WB 1:14	58 mph



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### **PHOTOGRAPHS – Protective Water Repellents**

"234" Split-face: RILEM testing







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### **CONCLUSIONS – PROTECTIVE WATER REPELLENTS**

Based upon laboratory evaluations, both of the PROSOCO, Inc., products provided above average water repellency to each of the submitted samples. In addition, Sure Klean® Custom Masonry Sealer provided slight color enhancement to the submitted samples.

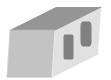
#### **RECOMMENDATIONS - PROTECTIVE WATER REPELLENTS**

Recommendations for water repellency treatment for each type of CMU submitted by Willcutt Block & Supply Inc., Columbus, MS 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 <sup>®</sup> Custom Masonry Sealer OR Sure Klean <sup>®</sup> Weather Seal Siloxane WB 1:9 OR Sure Klean <sup>®</sup> Weather Seal Siloxane WB 1:14

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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### SECTION D - GRAFFITI CONTROL

#### **DESCRIPTION OF PRODUCTS EVALUATED**

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

#### **Graffiti Control Treatments**

**Sure Klean® Custom Masonry Sealer** – A clear, solvent-based silicone elastomer formulated to weatherproof custom masonry units, cast stone, architectural concrete block, precast concrete, wood and porous masonry. Custom Masonry Sealer penetrates and fills pores to prevent water penetration through exterior walls exposed to normal weathering. Custom Masonry Sealer has excellent UV stability and provides long-lasting protection against water penetration and many types of graffiti. 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, wood and metal surfaces.

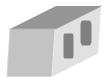
**Defacer Eraser<sup>®</sup> Graffiti Release** – An easy-to-use graffiti remover that does not contain methanol, methylene chloride or other "halogenated" solvents prohibited on many projects. Graffiti Release removes a variety of graffiti stains from most smooth masonry, wood and metal surfaces.

**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)





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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 concrete block samples were treated with Sure Klean<sup>®</sup> Custom Masonry Sealer, 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 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> Custom Masonry Sealer. Removal of the graffiti agents was attempted 24 hours after application of the graffiti agents, using either Defacer Eraser<sup>®</sup> Graffiti Wipe, Defacer Eraser<sup>®</sup> Graffiti Release or Sure Klean<sup>®</sup> Fast Acting Stripper.

#### **TEST METHOD - Graffiti Control**

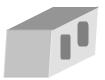
Chemical cleaners were evaluated using the following procedure:

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

Graffiti Wipe	5 minutes
Graffiti Release	15 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**

"201" Split-face CMU						
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	85%	90%	85%	85%	86%	
Graffiti Wipe	50%	50%	50%	50%	50%	
Graffiti Release	50%	50%	50%	50%	50%	
Custom Masonry Sealer	Red	Black	Green	Red	% Avg.	
	Paint	Marker	Marker	Marker	Removal	
Fast Acting Stripper	90%	97%	97%	97%	95%	
Graffiti Wipe	100%	95%	97%	97%	97%	
Graffiti Release	70%	85%	85%	85%	81%	
"234" Split-face CMU						
Untreated Control	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	95%	85%	85%	85%	88%	
Graffiti Wipe	75%	50%	50%	50%	56%	
Graffiti Release	75%	50%	50%	50%	56%	
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	95%	95%	100%	100%	98%	
Graffiti Wipe	100%	90%	100%	100%	98%	
Graffiti Release	90%	90%	90%	90%	90%	
"277" Split-face CMU						
Untreated Control	Red	Black	Green	Red	% Avg.	
	Paint	Marker	Marker	Marker	Removal	
Fast Acting Stripper	70%	70%	70%	70%	70%	
Graffiti Wipe	80%	65%	65%	65%	69%	
Graffiti Release	50%	50%	50%	50%	50%	
Custom Masonry Sealer	Red	Black	Green	Red	% Avg.	
•	Paint	Marker	Marker	Marker	Removal	
Fast Acting Stripper	95%	95%	95%	95%	95%	
Graffiti Wipe	95%	95%	95%	95%	95%	
Graffiti Release	90%	85%	85%	85%	86%	
"510" Split-face CMU						
Untreated Control	Red	Black	Green	Red	% Avg.	
F (A)	Paint	Marker	Marker	Marker	Removal	
Fast Acting Stripper	50%	50%	50%	50%	50%	
Graffiti Wipe	40%	40%	40%	40%	40%	
Graffiti Release	50%	40%	40%	40%	43%	
Custom Masonry Sealer	Red Paint	Black Marker	Green Marker	Red Marker	% Avg. Removal	
Fast Acting Stripper	70%	95%	90%	90%	86%	
Graffiti Wipe Graffiti Release	90% 90%	90% 80%	85% 80%	85% 80%	88% 83%	



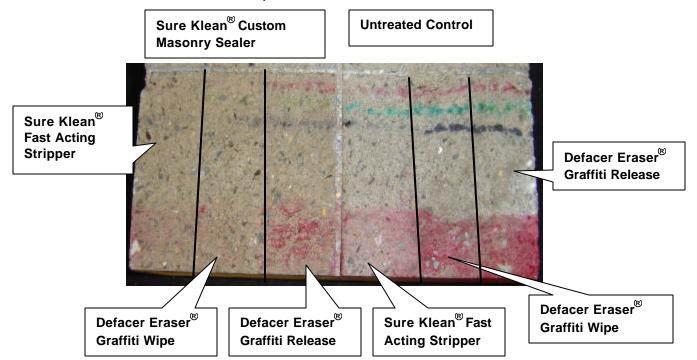
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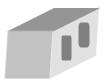
#### PHOTOGRAPHS - Graffiti Control

"201" Split-face Before Graffiti Removal



### "201" Split-face After Graffiti Removal





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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> Custom Masonry Sealer prior to graffiti application.

In addition, Sure Klean<sup>®</sup> Custom Masonry Sealer provided a slight color enhancement to the submitted samples.

#### **RECOMMENDATIONS - GRAFFITI CONTROL**

Recommendations for graffiti control treatment for each type of block submitted by Willcutt Block & Supply Inc., Columbus, MS 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
"201", "234", "277" Split-face CMU's	Sure Klean <sup>®</sup> Custom Masonry Sealer	Sure Klean <sup>®</sup> Fast Acting Stripper OR Defacer Eraser <sup>®</sup> Graffiti Wipe
"510" Split-face CMU		Sure Klean <sup>®</sup> Fast Acting Stripper OR Defacer Eraser <sup>®</sup> Graffiti Wipe OR Defacer Eraser <sup>®</sup> Graffiti Release

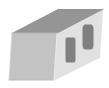
Apply all products in accordance with the manufacturer's recommendation provided on container labels and product data sheets. Because the severity of graffiti varies from location to location, on-site testing should be conducted to determine the most appropriate graffiti control product and procedure for a particular project.

For the most severe graffiti cases Sure Klean<sup>®</sup> Fast Acting Stripper is recommended for job-site testing. For mild graffiti cases, Defacer Eraser<sup>®</sup> Graffiti Wipe and Defacer Eraser<sup>®</sup> Graffiti Release are recommended for job-site testing. See product literature for additional application and product information.

Nathan R. Colaner Technical Analyst

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NRC/



### Laboratory Report

### **Pallet Tag Program Evaluation**

# Willcutt Block & Supply Inc. Columbus, MS

Project No. 0308-15 PTP

Prepared For:

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Willcutt Block & Supply Inc.
Columbus, MS

Prepared By:



PROSOCO, Inc. September 2003