



*Pallet Tag Program
Laboratory Report*

Tralongo Precast, Inc.
Schenectady, NY



Project No. 2604-04 PTP

Prepared For:



PROSOCO

Prepared By:

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May 2026



Laboratory Report

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FOR: Michael Tralongo, Tralongo Precast, Inc.
cc: Guy Mazza, Regional Sales Manager, PROSOCO, Inc.
Alan Nicolette, Manufacturer's Representative, PROSOCO, Inc.
Rey Esteban, Director of Sales – East, PROSOCO, Inc.
Ken Rathbun, Director of Product Strategy – CPG, PROSOCO, Inc.

SUBJECT: Tralongo Precast, Inc.
Schenectady, NY
Pallet Tag Evaluation

DATE: May 15, 2026
PROJECT: 2604-04 PTP

SAMPLES SUBMITTED: Three types of precast concrete panels/cast stone panels

Type	Name	Color	Finish	Size
(4) Precast Concrete Panel	"Cream"	Buff	Medium Etch*	23 ¾" x 11 ½" x 1 ¾"
(4) Precast Concrete Panel	"Gray 85/15"	Gray	Medium Etch*	23 ¾" x 11 ½" x 1 ¾"
(4) Precast Concrete Panel	"Siena"	Light Brown	Medium Etch*	23 ¾" x 11 ½" x 1 ¾"

*The customer indicated the submitted precast concrete panels were etched with Sure Klean® 600 diluted with one part water prior to shipping them. This is an in-house process that is a standard practice at their facility.

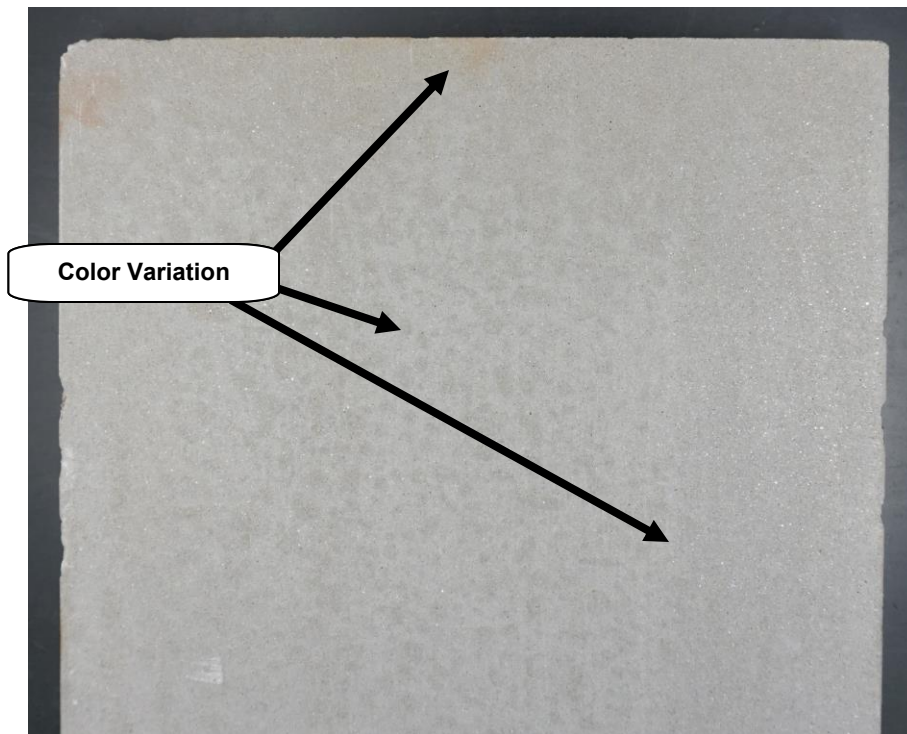
SUBMITTED BY: Michael Tralongo
Tralongo Precast, Inc.
2243 1st Ave.
Schenectady, NY 12303

PURPOSE OF TEST:

- To evaluate the color and sheen enhancement characteristics of specific PROSOCO, Inc. products on the submitted samples.
- To determine the most appropriate PROSOCO, Inc. water repellent for the submitted samples.
- To determine the effectiveness of appropriate PROSOCO, Inc. products in preventing food and oil staining on the submitted samples.

NOTE: The “Gray 85/15” Precast Concrete Panel exhibited a variation in color upon arrival prior to any testing as shown in the photograph below.

Variation in Color Present as Submitted – “Gray 85/15” Precast Concrete Panel



PRODUCTS EVALUATED:

Color and Sheen Enhancement	Dilution:
PROSOCO® Saltguard® WB	N/A*
Sure Klean® Weather Seal Siloxane PD	N/A*
Sure Klean® Weather Seal Color Enhancer WB	N/A*
Sure Klean® Weather Seal Color Enhancer VOC	N/A*
Sure Klean® Weather Seal Satin Guard WB	N/A*

Water Repellency	Dilution:
PROSOCO® Saltguard® WB	N/A*
Sure Klean® Weather Seal Siloxane PD	N/A*
Sure Klean® Weather Seal Color Enhancer WB	N/A*
Sure Klean® Weather Seal Color Enhancer VOC	N/A*

Stain Resistance	Dilution:
Sure Klean® Weather Seal Satin Guard WB	N/A*

***NOTE: Per the product data sheet instructions, only use the product in concentrate. Do not dilute.**

SAMPLE PREPARATION: Treatment Application

Prior to treatment application, the submitted precast concrete panels were rinsed with masonry washing equipment generating approximately 700-800 psi with a water flow rate of 8 gallons per minute delivered through a 40-degree fan spray tip. After the samples had dried for at least 24 hours, each treatment was applied in accordance with the current PROSOCO, Inc. Product Data Sheet instructions and allowed to cure for at least 72 hours prior to testing.

TEST METHODS: Color and Sheen Enhancement

After 72 hours, a visual evaluation was made comparing the untreated control surface to the treated surface to determine the effectiveness of the evaluated products in providing color and/or sheen enhancement to the submitted samples.

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

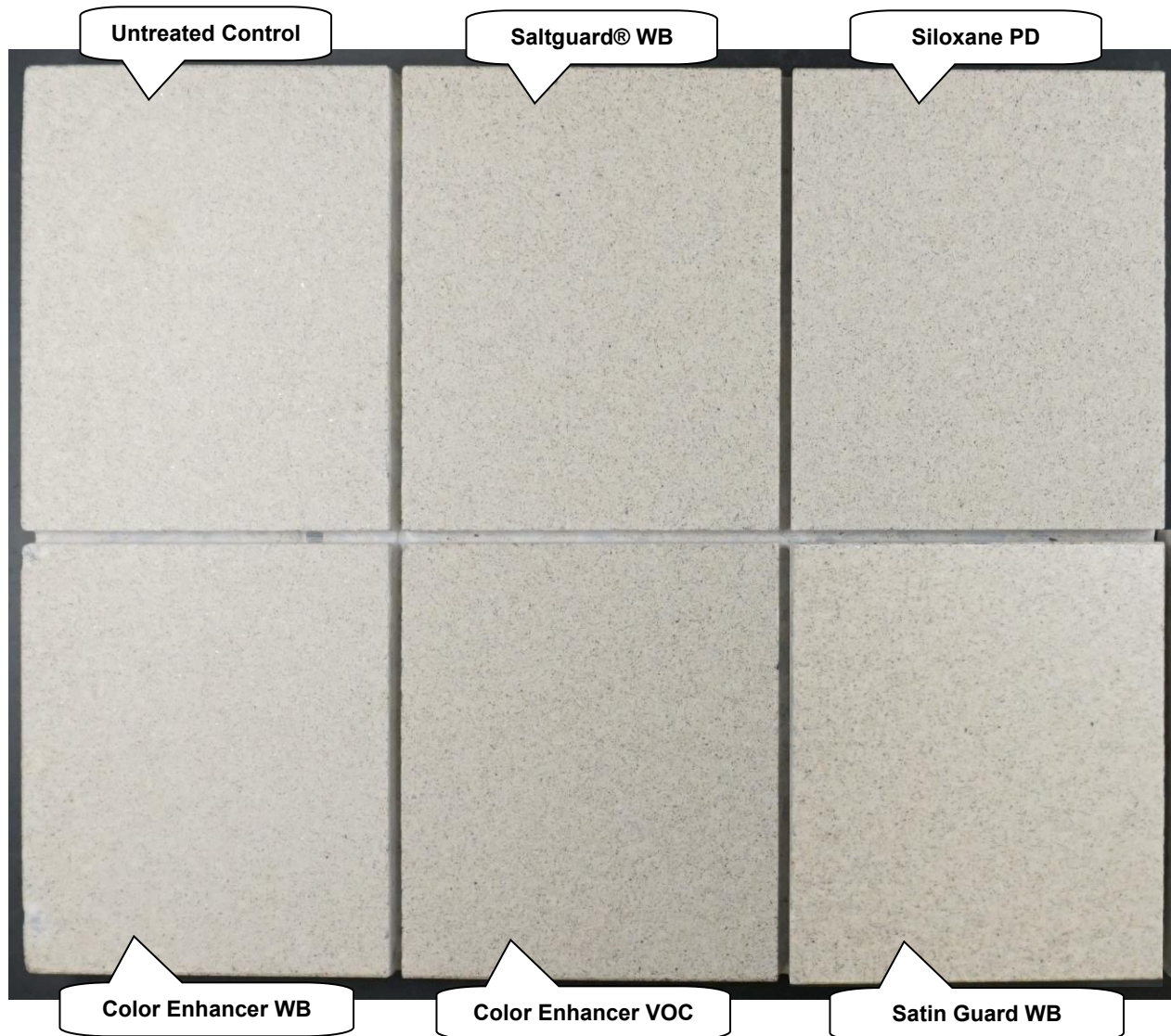
- 0 – **No enhancement** compared to untreated surface
- 1 – **Slight enhancement** compared to untreated surface
- 2 – **Moderate enhancement** compared to untreated surface
- 3 – **Significant enhancement** compared to untreated surface

TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement

“Cream” Precast Concrete Panel	Color Enhancement	Sheen Enhancement
PROSOCO® Saltguard® WB	1	0
Sure Klean® Weather Seal Siloxane PD	1*	0
Sure Klean® Weather Seal Color Enhancer WB	1	0
Sure Klean® Weather Seal Color Enhancer VOC	2	0
Sure Klean® Weather Seal Satin Guard WB	1	1

***NOTE: Very slight change compared to untreated control.**

“Cream” Precast Concrete Panel After Treatment Application

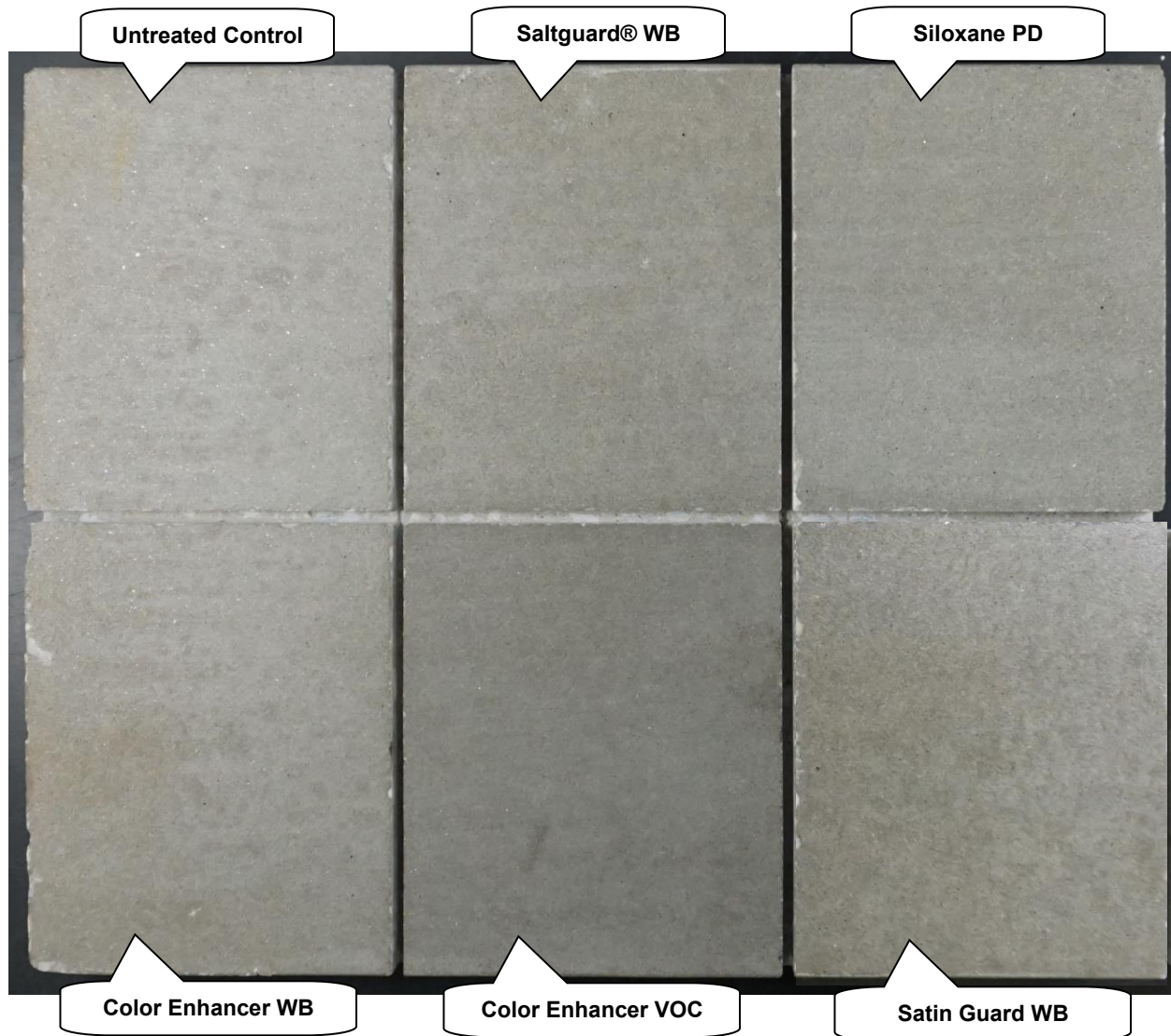


TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)

"Gray 85/15" Precast Concrete Panel	Color Enhancement	Sheen Enhancement
PROSOCO® Saltguard® WB	1	0
Sure Klean® Weather Seal Siloxane PD	1*	0
Sure Klean® Weather Seal Color Enhancer WB	1	0
Sure Klean® Weather Seal Color Enhancer VOC	2	0
Sure Klean® Weather Seal Satin Guard WB	1	1

***NOTE: Very slight change compared to untreated control.**

"Gray 85/15" Precast Concrete Panel After Treatment Application

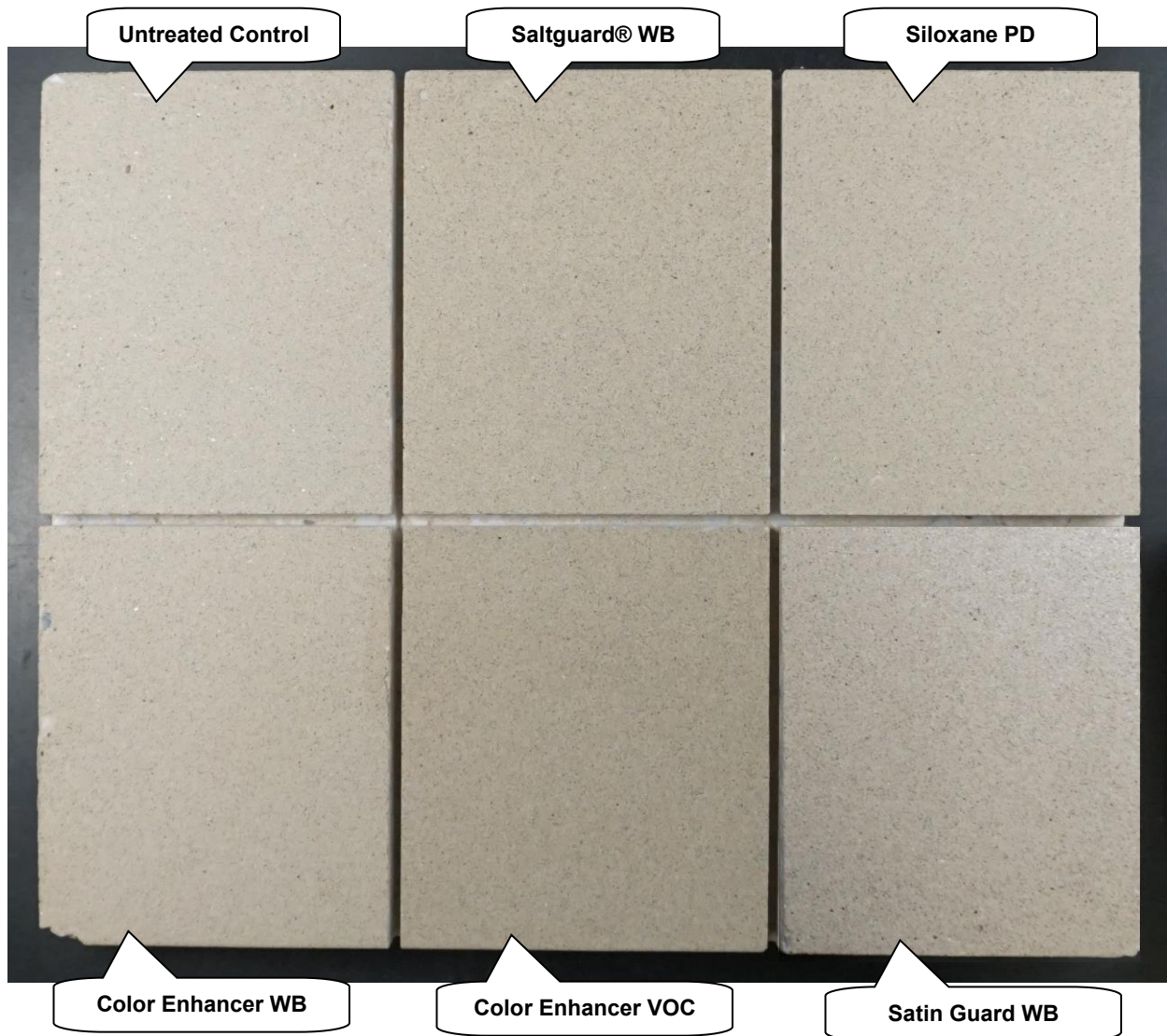


TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)

"Siena" Precast Concrete Panel	Color Enhancement	Sheen Enhancement
PROSOCO® Saltguard® WB	1	0
Sure Klean® Weather Seal Siloxane PD	1*	0
Sure Klean® Weather Seal Color Enhancer WB	1	0
Sure Klean® Weather Seal Color Enhancer VOC	2	0
Sure Klean® Weather Seal Satin Guard WB	1	1

***NOTE: Very slight change compared to untreated control.**

"Siena" Precast Concrete Panel After Treatment Application



CONCLUSIONS – Color and Sheen Enhancement

The treatments evaluated provided a range of color enhancement results, from a very slight change in appearance to a moderate change depending on the treatment.

Sure Klean® Weather Seal Satin Guard WB provided a slight amount of sheen enhancement to all of the submitted samples. None of the other treatments provided any sheen enhancement to any of the submitted samples.

Increased levels of color and sheen enhancement can be achieved with multiple coats of Sure Klean® Weather Seal Satin Guard WB if desired (photographs below).

“Cream” Precast Concrete Panel Treated with Sure Klean® Weather Seal Satin Guard WB



Please refer to pages 4-9 of the report for individual recommendations based on the desired result.

Enhancement levels may vary by substrate color, lighting, orientation, application method, and other variables. Always test in the field to confirm intended results.

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

RECOMMENDATIONS: Color and Sheen Enhancement

Recommendations for color and sheen enhancement for each type of precast concrete panel submitted by Tralongo Precast, Inc., Schenectady, NY are provided in the chart below. Recommendations are based on the treatment(s) that proved most effective.

Sample	Color and Sheen Enhancement
"Cream" Precast Concrete Panel	<p>Please refer to pages 4-9 of the report for individual recommendations based on the desired result.</p>
"Gray 85/15" Precast Concrete Panel	
"Siena" Precast Concrete Panel	

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 treatment and procedures for a particular project. See product literature for additional application and product information.

TEST METHODS: Protective Water Repellents

Water Absorption Tube Test: Horizontal RILEM II.4, 5.0 milliliters, 20 minutes

The water absorption tube test simulating wind driven rain conditions was performed on the submitted samples. Tests were run with 5.0-milliliter head pressures. Filled to 5.0 milliliters, a water absorption tube produces a 103 mph dynamic wind pressure. See RILEM II.4 Tech Note for additional information.

The ranking system used to evaluate the effectiveness of the products applied to each submitted sample is as follows:

AA = “Above Average” correlates to less than or equal to 20% of the maximum untreated absorption.

A = “Average” correlates to less than or equal to 50% of the maximum untreated absorption.

BA = “Below Average” correlates to greater than 50% of the maximum untreated absorption.

EXAMPLE: If RILEM tubes applied to an untreated sample result in loss of 5.0 ml of water or more, then:

A rating of **AA** *Above Average* water repellent performance would be reported for treatments which result in a loss of no more than:

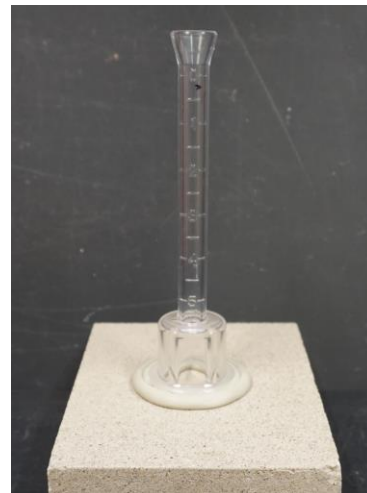
$$5.0 \text{ mL} \times 20\% = \mathbf{1.0 \text{ mL}}$$

A rating of **A** *Average* water repellent performance would be reported for treatments which result in a loss of no more than:

$$5.0 \text{ mL} \times 50\% = \mathbf{2.5 \text{ mL}}$$

A rating of **BA** *Below Average* water repellent performance would be reported for treatments which result in a loss of more than:

$$5.0 \text{ mL} \times 50\% = \mathbf{2.5 \text{ mL}}$$



TEST RESULTS AND PHOTOGRAPHS: Protective Water Repellents

Water Absorption Tube Test: Horizontal RILEM II.4, 5.0 milliliters, 20 minutes

AA = Above Average **A** = Average **BA** = Below Average

“Cream” Precast Concrete Panel	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.6	--
PROSOCO® Saltguard® WB	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Sure Klean® Weather Seal Color Enhancer WB	-0.0	<u>AA</u>
Sure Klean® Weather Seal Color Enhancer VOC	-0.0	<u>AA</u>

“Gray 85/15” Precast Concrete Panel	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.4	--
PROSOCO® Saltguard® WB	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Sure Klean® Weather Seal Color Enhancer WB	-0.0	<u>AA</u>
Sure Klean® Weather Seal Color Enhancer VOC	-0.0	<u>AA</u>

“Siena” Precast Concrete Panel	Results in mL loss	<u>Ranking</u>
Untreated Control	-0.6	--
PROSOCO® Saltguard® WB	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
Sure Klean® Weather Seal Color Enhancer WB	-0.0	<u>AA</u>
Sure Klean® Weather Seal Color Enhancer VOC	-0.0	<u>AA</u>

CONCLUSIONS: Protective Water Repellents

Based on the laboratory evaluations, all of the treatments provided good water repellent protection to the submitted samples.

RECOMMENDATIONS: Protective Water Repellents

Recommendations for water repellency for each type of precast concrete panel submitted by Tralongo Precast, Inc., Schenectady, NY are provided in the chart below. Recommendations are based on the treatment(s) that proved most effective.

Sample	Water Repellency
"Cream" Precast Concrete Panel	PROSOCO® Saltguard® WB OR Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal Color Enhancer WB OR Sure Klean® Weather Seal Color Enhancer VOC
"Gray 85/15" Precast Concrete Panel	
"Siena" Precast Concrete Panel	

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 treatment and procedure for a particular project. See product literature for additional application and product information.

TEST METHODS: Surface Beading Evaluation

Food and Oil Products Evaluated for Stain Testing:

Temperature:

Coca Cola	ambient (~70°F)
Ketchup	ambient (~70°F)
Mustard	ambient (~70°F)
Red wine	ambient (~70°F)
Balsamic vinegar	ambient (~70°F)
Soy sauce	ambient (~70°F)
Olive oil	ambient (~70°F)
Wesson oil	250°F
Coffee	120°F

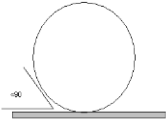
The food and oil products were applied to the test areas by using a dropper creating a bead 0.5 – 1.0 cm in diameter. The beading properties of the oils and liquids were visually evaluated within two minutes after application. The results are reported as a rating based on the angle of contact between the base of the droplet and the substrate. A rating of “1 or 2” indicated the smallest angle of contact (<90°) which correlates to “above average” repellency. A rating of “3 or 4” indicates “average” repellency. A rating of “5 or greater” indicated that the oils or liquids quickly absorbed into the substrate and correlates to “below average” repellency.

Note: Non-free flowing staining agents such as ketchup and mustard are applied in a blob and not evaluated for their beading properties.

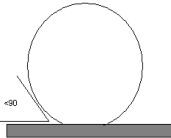
TEST METHODS: Surface Beading Evaluation (cont.)

Rating System (1-5)

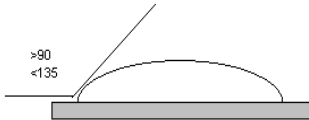
1. No wetting of contact area (no darkening); angle less than 90°



2. Wetting contained to the contact area (slight darkening); angle is less than 90°



3. Wetting contained to the contact area (slight darkening); angle is greater than 90° , but less than 135° .



4. Wetting beyond the contact area (darkening); angle is greater than 135°



5. Wetting beyond the contact area (darkening); angle is flat.



TEST RESULTS: Surface Beading Evaluation

“Cream” Precast Concrete Panel		
	Untreated Control	Satin Guard WB
Coca Cola	3	3
Ketchup	N/A	N/A
Mustard	N/A	N/A
Red Wine	4	3
Bals. Vin.	4	3
Soy Sauce	3	3
Olive Oil	5	3
Wesson Oil	5	3
Hot Coffee	4	3

“Gray 85/15” Precast Concrete Panel		
	Untreated Control	Satin Guard WB
Coca Cola	4	3
Ketchup	N/A	N/A
Mustard	N/A	N/A
Red Wine	5	3
Bals. Vin.	4	3
Soy Sauce	3	3
Olive Oil	5	3
Wesson Oil	5	3
Hot Coffee	4	3

N/A – non-free flowing staining agent

TEST RESULTS: Surface Beading Evaluation (cont.)

“Siena” Precast Concrete Panel		
	Untreated Control	Satin Guard WB
Coca Cola	4	3
Ketchup	N/A	N/A
Mustard	N/A	N/A
Red Wine	4	3
Bals. Vin.	4	3
Soy Sauce	3	3
Olive Oil	5	3
Wesson Oil	5	3
Hot Coffee	4	3

N/A – non-free flowing staining agent

TEST METHODS: Stain Resistance Evaluation

The soiling agents were allowed to dwell on the treated and untreated substrate for times of 24 hours, 4 hours, 1 hour, and 10 minutes. The test areas were then cleaned with Enviro Klean® Klean ‘N Release Cleaner diluted with ten parts water and scrubbed under a stream of running water. The samples were allowed to dry for 24 hours. Evaluation consisted of a visual examination of the tested areas to determine the percentage of staining removal.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation

“Cream” Precast Concrete Panel

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Wesson Oil	Coffee
24 hour	50%*	100%*	30%	10%	10%	10%	10%	10%	90%
4 hour	80%	100%*	50%	10%	10%	10%	10%	10%	10%
1 hour	80%	100%*	90%	30%	30%	30%	10%	10%	10%
10 min.	90%	100%	100%	30%	30%	50%	10%	10%	30%
Sure Klean® Weather Seal Satin Guard WB									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Wesson Oil	Coffee
24 hour	100%	100%	50%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

“Gray 85/15” Precast Concrete Panel

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Wesson Oil	Coffee
24 hour	100%	100%*	30%*	10%	10%	N/A	10%	10%	100%
4 hour	100%	100%*	50%*	10%	10%	N/A	10%	10%	100%
1 hour	100%	100%*	90%*	10%	10%	N/A	10%	10%	100%
10 min.	100%	100%	100%	10%	10%	N/A	10%	10%	100%
Sure Klean® Weather Seal Satin Guard WB									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Wesson Oil	Coffee
24 hour	100%	100%	50%	100%	80%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or Wesson oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Siena” Precast Concrete Panel

% Removal

Untreated Control									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Wesson Oil	Coffee
24 hour	100%*	100%*	30%	10%	10%	N/A	10%	10%	10%
4 hour	100%	100%*	50%*	10%	10%	N/A	10%	10%	30%
1 hour	100%	100%*	90%*	30%	30%	N/A	10%	10%	30%
10 min.	100%	100%	100%	30%	30%	N/A	10%	10%	30%
Sure Klean® Weather Seal Satin Guard WB									
	Cola	Ketch.	Must.	Red Wine	Bals. Vin.	Soy Sauce	Olive Oil	Wesson Oil	Coffee
24 hour	100%	100%	50%	100%	100%	100%	100%	100%	100%
4 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
1 hour	100%	100%	100%	100%	100%	100%	100%	100%	100%
10 min.	100%	100%	100%	100%	100%	100%	100%	100%	100%

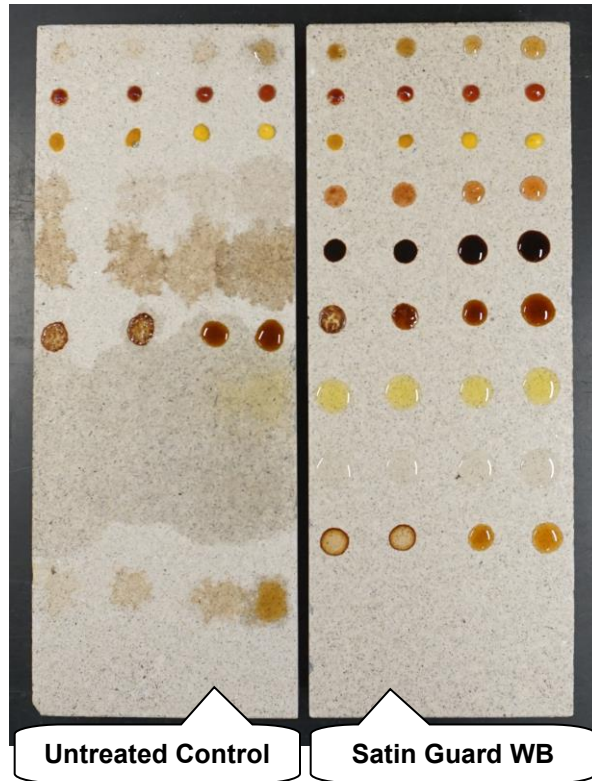
% Removal of stain following maintenance cleaning.

* Indicates etching of surface treatment due to the acidic nature of the staining agent.

N/A Indicates the removal of the stain, following maintenance cleaning, was unable to be determined due to olive oil or Wesson oil spreading masking the area in question.

TEST RESULTS AND PHOTOGRAPHS: Stain Resistance Evaluation (cont.)

“Cream” Precast Concrete Panel With Stains



“Cream” Precast Concrete Panel After Stain Testing



CONCLUSIONS: Surface Beading and Stain Resistance

In the surface beading evaluation, Sure Klean® Weather Seal Satin Guard WB had equal or smaller angles of contact with each stain applied on the submitted samples when compared to the untreated control. This smaller angle of contact indicates that the treated samples have a higher level of repellency than the untreated control.

In the stain resistance tests conducted, Sure Klean® Weather Seal Satin Guard WB proved effective at repelling the applied stains on the submitted samples.

RECOMMENDATIONS: Stain Resistance

Recommendations for stain resistance for each type of precast concrete panel submitted by Tralongo Precast, Inc., Schenectady, NY are provided in the chart below. Recommendations are based on the treatments that proved most effective for providing stain repellency on the submitted samples.

Sample	Stain Resistance
"Cream" Precast Concrete Panel	<p style="text-align: center;"><u>Stain Repellents</u> Sure Klean® Weather Seal Satin Guard WB</p> <p style="text-align: center;"><u>Maintenance Cleaner</u> Enviro Klean® Klean 'N Release Cleaner</p>
"Gray 85/15" Precast Concrete Panel	
"Siena" Precast Concrete Panel	

The ability of a stain repellent treatment to prevent staining is affected by a variety of factors. Therefore, on-site testing should be carried out for all installations with the recommended systems to ensure job site workmanship yields equivalent 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 stain repellent product and procedures for a particular project. See product literature for additional application and product information.



J. Lucas Comadoll
Chemist

ALL SAMPLES SUPPLIED FOR THE ABOVE EVALUATION WILL BE DISPOSED OF THIRTY (30) DAYS AFTER THE ISSUE DATE OF THIS REPORT. IF SAMPLES ARE TO BE RETAINED FOR ADDITIONAL TESTING OR RETURNED TO THE SENDER, PROVIDE WRITTEN INSTRUCTIONS TO THE LABORATORY WITHIN THIRTY (30) DAYS OF THE ISSUE DATE OF THIS REPORT.

Recommendations made within this report are based on laboratory test applications and observations. Final determination of the suitability of a product and/or procedure should be made only after thorough job testing on actual surfaces.