Pallet Tag Program
Laboratory Report

Interstate Brick
West Jordan, UT

Project No. 2511-01 PTP

Prepared For:

PROSOCO

Prepared By:

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Chemist
AMT Laboratories

December 2025

LABORATORY REPORT

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FOR: Steven Judd, Technical Director, Interstate Brick
cc: Berny Breinholt, Manufacturer's Representative, PROSOCO, Inc.
Garritt Visser, Director of Sales – West, PROSOCO, Inc.
Ken Rathbun, Director of Sales – North, PROSOCO, Inc.

SUBJECT: Interstate Brick
West Jordan, UT
Pallet Tag Evaluation

DATE: December 29, 2025
PROJECT: 2511-01 PTP

SAMPLES SUBMITTED: 6 types of clay brick

Sample	Name	Texture	Color	Size
(8) Brick	"Black Ice"	Matte; Coated	Metallic Gray	7.625" x 2.25"
(8) Brick	"Columbard"	Matte; Coated	Gray and White	9.625" x 2.625"
(8) Brick	"Dartmouth"	Matte; Coated & Sanded	Red and Brown	9.625" x 2.625"
(8) Brick	"English Tudor"	Matte; Coated	Buff and White	9.625" x 2.625"
(8) Brick	"Old Virginia"	Smooth; Coated	Red and Black	9.625" x 2.625"
(8) Brick	"Mocha"	Matte; Un-Coated	Brown	7.625" x 2.25"

SUBMITTED BY: Steven Judd
Technical Director
Interstate Brick
9780 South 5200 West
West Jordan, UT 84081

PURPOSE OF TEST:

- To determine the most appropriate PROSOCO, Inc. new construction cleaner(s) for the submitted samples.
- To determine the most appropriate PROSOCO, Inc. water repellent(s) for the submitted samples.
- To determine the effectiveness of appropriate PROSOCO, Inc. products in preventing the penetration of, and simplifying the removal of, graffiti staining on the submitted samples.

NOTE: All of the submitted brick exhibited a variation in color or surface finish upon arrival prior to any testing (as shown in the photograph below).

Variation in Color or Surface Finish Present as Submitted

PRODUCTS EVALUATED:

New Construction Cleaning	Dilution:
Sure Klean® 600	1:6, 1:8
Sure Klean® Vana Trol®	1:6, 1:8
Enviro Klean® Safety Klean	1:2, 1:3

Water Repellency	Dilution:
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control WB 6	N/A*
Sure Klean® Weather Seal Siloxane WB Concentrate	1:9
Sure Klean® Weather Seal Siloxane PD	N/A*

Graffiti Resistance	Dilution:
Sure Klean® Weather Seal Blok-Guard® & Graffiti Control WB 6	N/A*

Graffiti Removal	Dilution:
Enviro Klean® SafStrip®	N/A*
Sure Klean® Graffiti Remover	N/A*

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

TEST METHODS: New Construction Cleaning

Sure Klean® 600, Sure Klean® Vana Trol®, and Enviro Klean® Safety Klean were evaluated to determine the optimal concentration of cleaner which leaves the external surface looking most like the uncleaned surface of the submitted brick.

Surface Finish Removal is the visual examination of the sample comparing the surface finish of the uncleaned surface to the surface finish cleaned with selected product(s) at given dilutions.

Substrate Deterioration is the visual examination of the sample comparing the uncleaned surface to surfaces cleaned with selected product(s) at given dilutions looking for any potential erosion/digestion of the sample.

Color Change is the visual examination comparing the color of the uncleaned surface to the color of surfaces cleaned with selected products at given dilutions.

Staining is the visual examination for changes that are the result of a chemical reaction that leaves a staining precipitate.

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

0 – **No change** compared to uncleaned surface
1 – **Slight change** compared to uncleaned surface
2 – **Moderate change** compared to uncleaned surface
3 – **Significant change** compared to uncleaned surface

Cleaning Procedure:

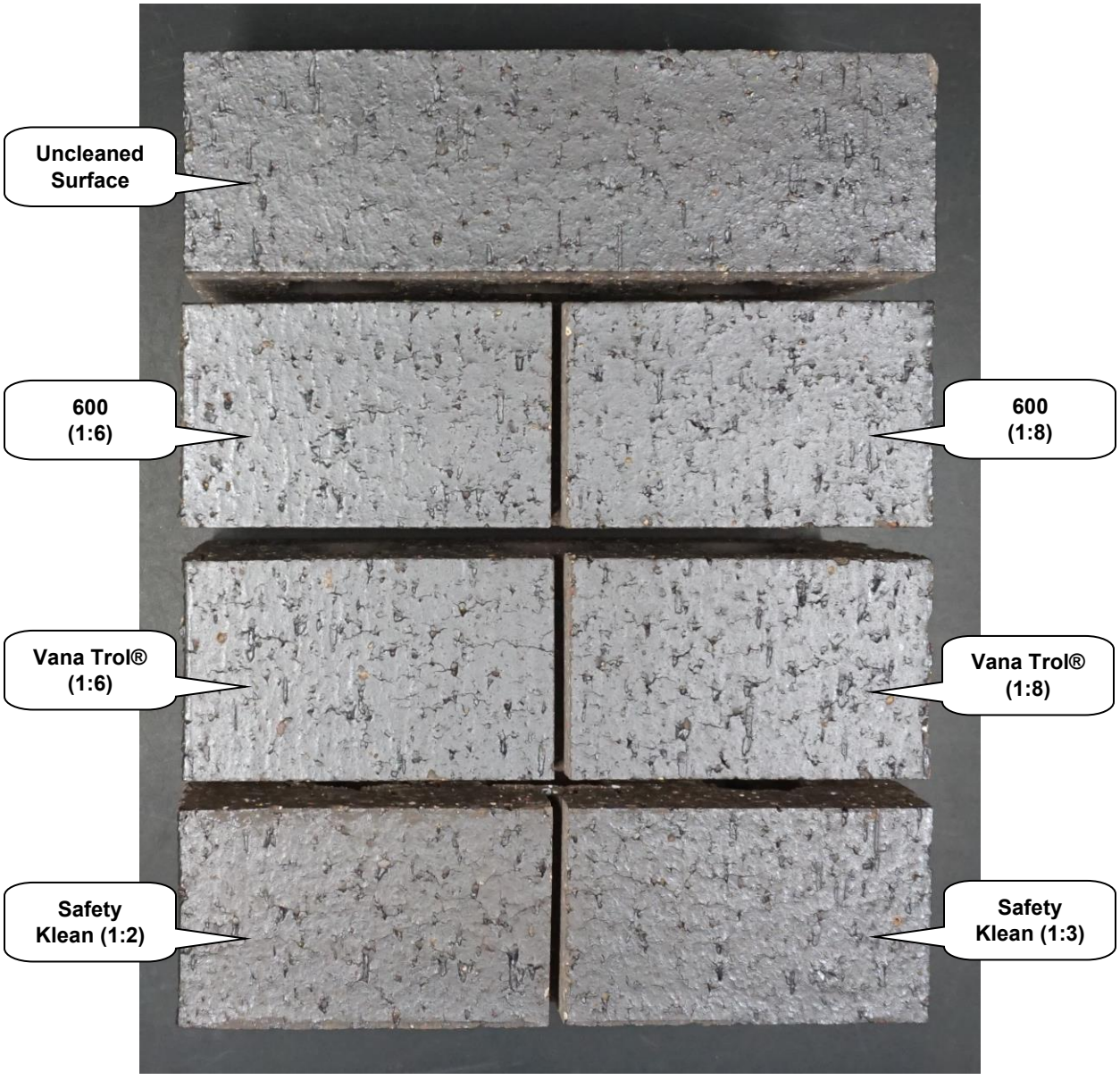
1. Pre-wet the surface and apply diluted cleaning solution according to PROSOCO, Inc. Product Data Sheet.
2. Allow for an appropriate dwell time and periodically agitate:
   600 .....5 minutes
   Vana Trol® .....5 minutes
   Safety Klean .....5 minutes
3. Reapply cleaning solution; do not let cleaner dry into sample.
4. Rinse thoroughly with plenty of fresh water.*
5. Allow the sample to dry for at least 18 hours and visually examine.
6. Compare the uncleaned surfaces to the cleaned surfaces for the best match.

***Rinsing Equipment –** 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 was used for rinsing.

TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning

Name: "Black Ice" Brick					
Product	**Dilution**	**Surface Finish Removal**	**Substrate Deterioration**	**Color Change**	**Staining**
600	1:6	0	0	0	0
600	1:8	0	0	0	0
Vana Trol®	1:6	0	0	0	0
Vana Trol®	1:8	0	0	0	0
Safety Klean	1:2	0	0	0	0
Safety Klean	1:3	0	0	0	0

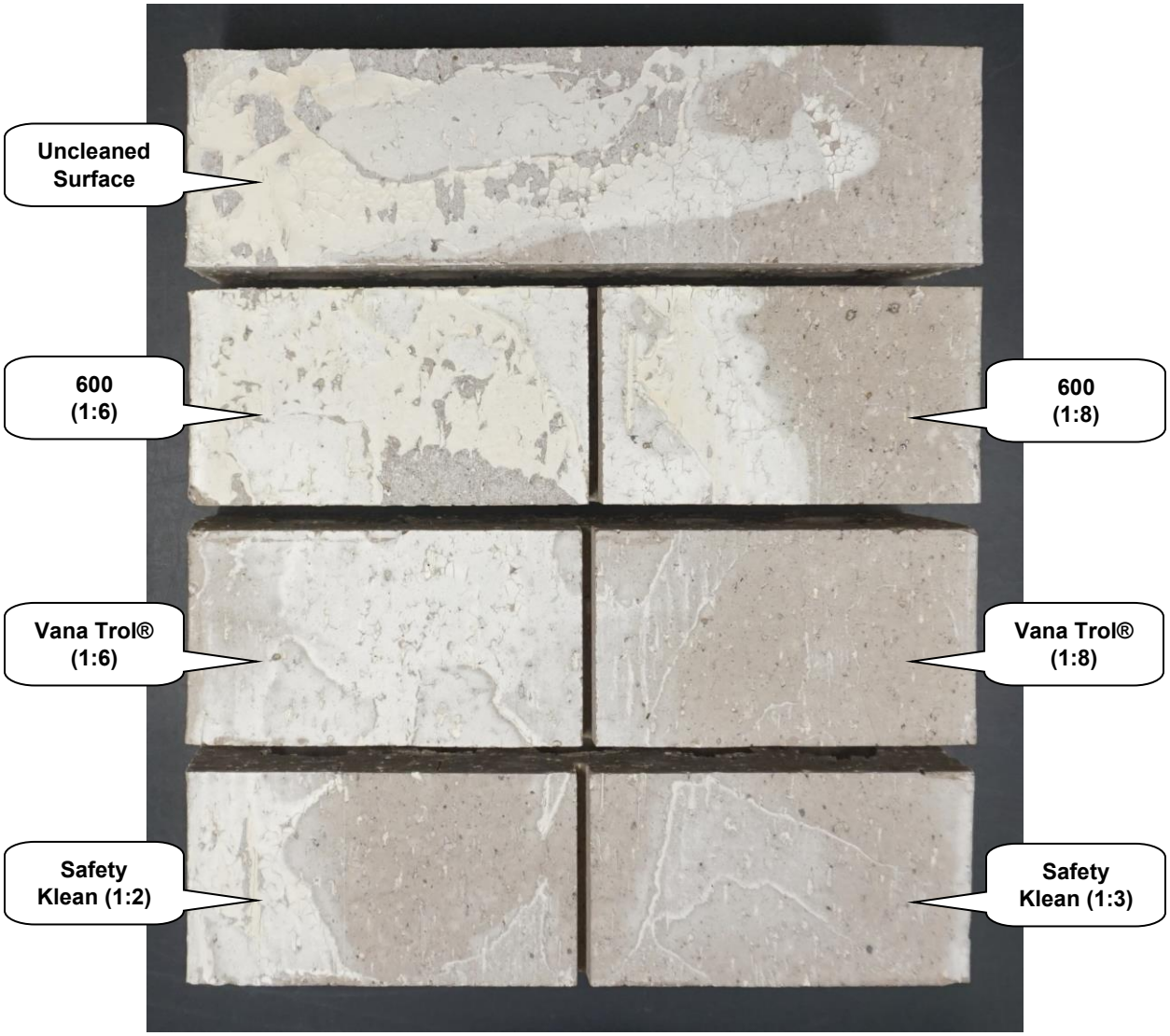
"Black Ice" Brick After Cleaning



TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

Name: “Columbard” Brick					
Product	**Dilution**	**Surface Finish Removal**	**Substrate Deterioration**	**Color Change**	**Staining**
600	1:6	0	0	0	0
600	1:8	0	0	0	0
Vana Trol®	1:6	0	0	0	0
Vana Trol®	1:8	0	0	0	0
Safety Klean	1:2	0	0	0	0
Safety Klean	1:3	0	0	0	0

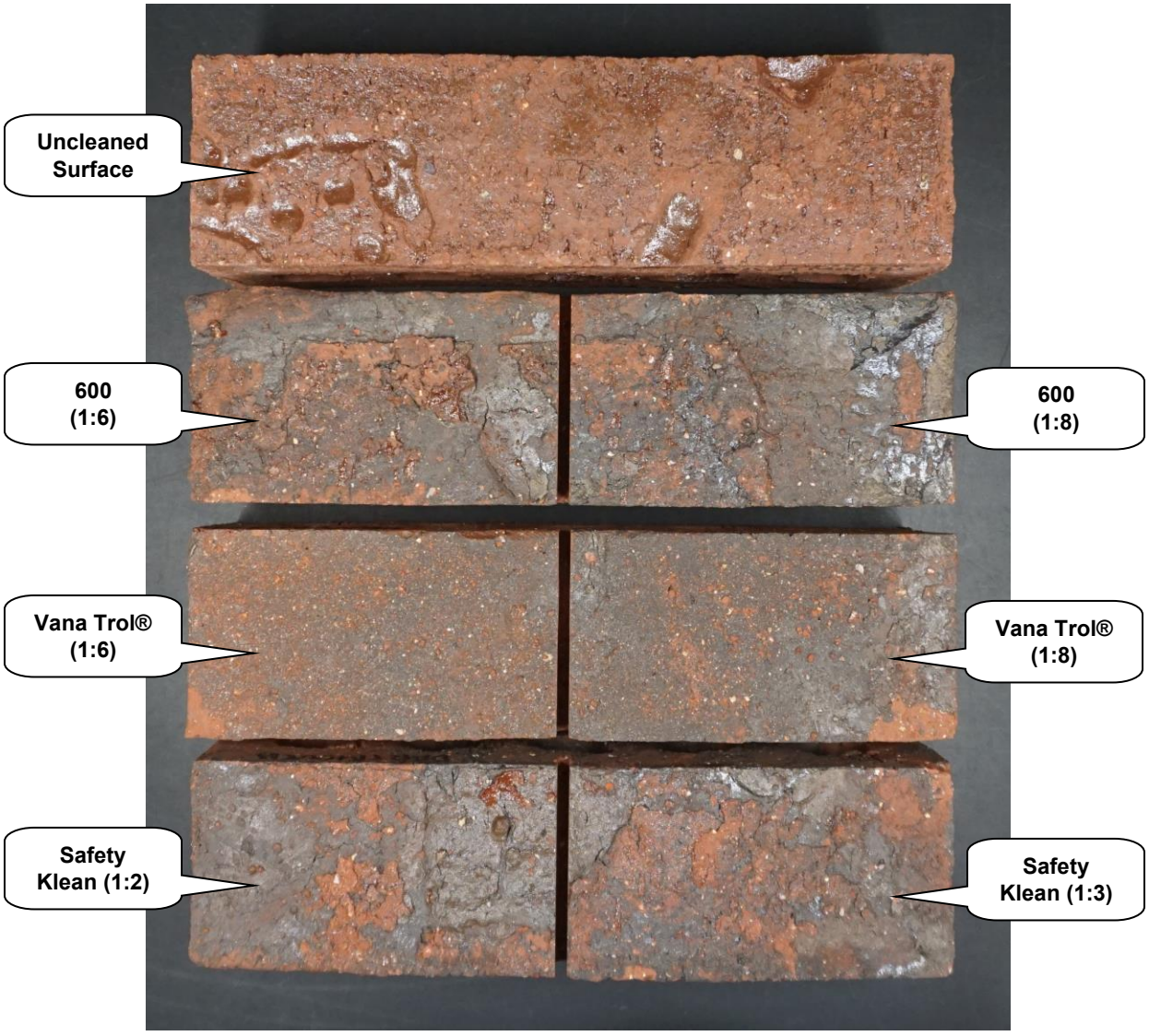
“Columbard” Brick After Cleaning



TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

Name: "Dartmouth" Brick					
Product	**Dilution**	**Surface Finish Removal**	**Substrate Deterioration**	**Color Change**	**Staining**
600	1:6	0	0	0	0
600	1:8	0	0	0	0
Vana Trol®	1:6	0	0	0	0
Vana Trol®	1:8	0	0	0	0
Safety Klean	1:2	0	0	0	0
Safety Klean	1:3	0	0	0	0

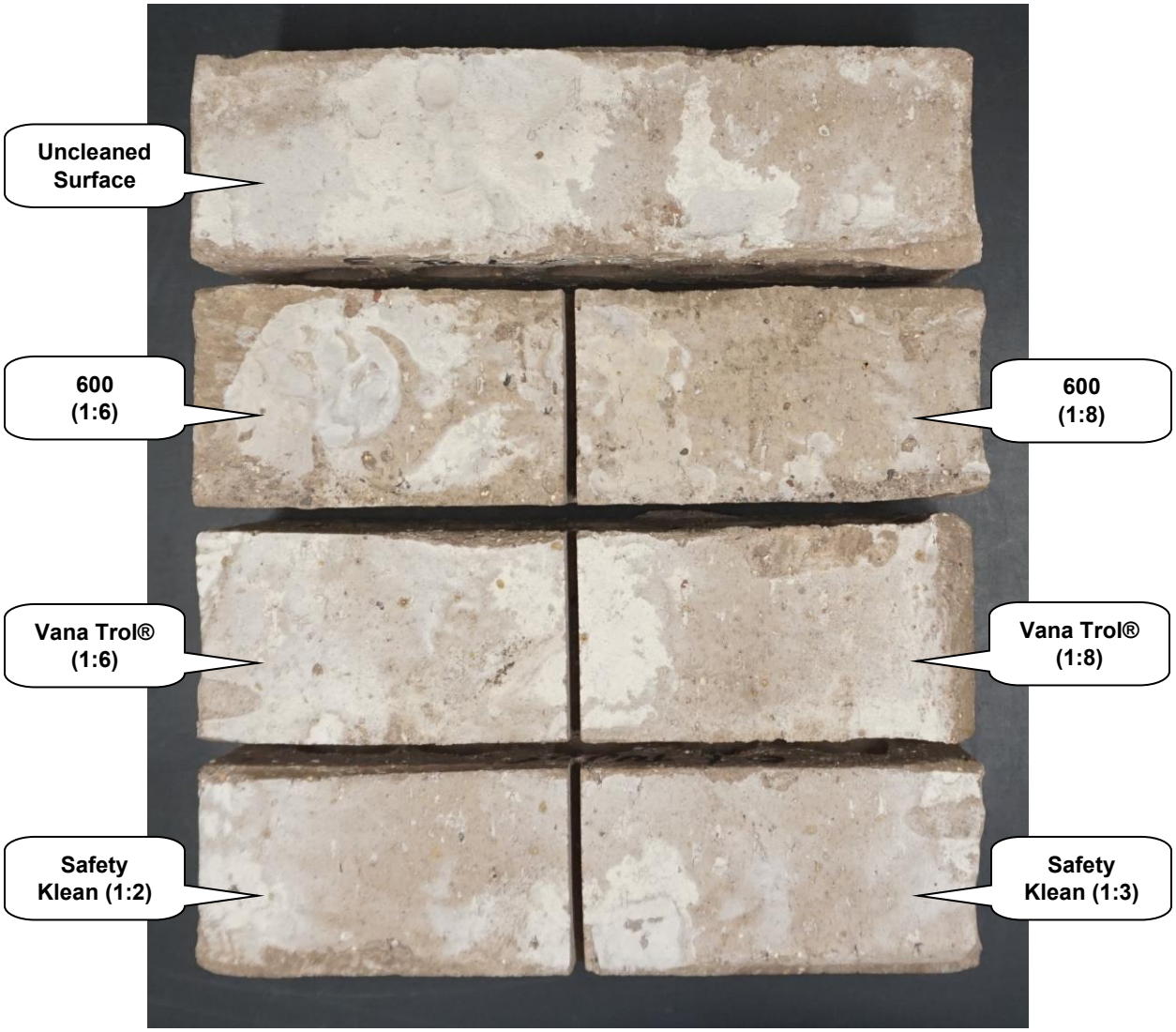
"Dartmouth" Brick After Cleaning



TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

Name: "English Tudor" Brick					
Product	**Dilution**	**Surface Finish Removal**	**Substrate Deterioration**	**Color Change**	**Staining**
600	1:6	0	0	0	0
600	1:8	0	0	0	0
Vana Trol®	1:6	0	0	0	0
Vana Trol®	1:8	0	0	0	0
Safety Klean	1:2	0	0	0	0
Safety Klean	1:3	0	0	0	0

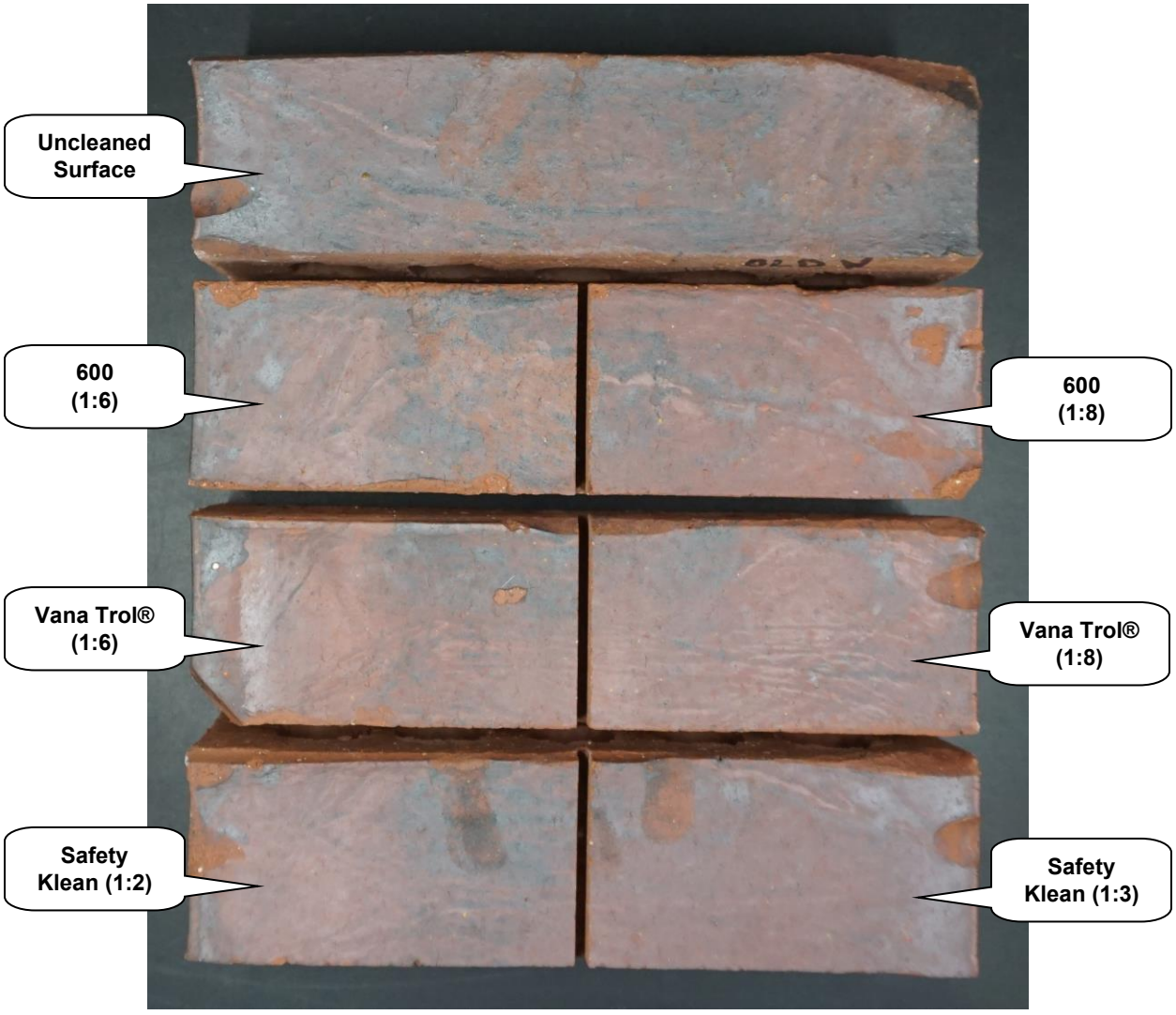
"English Tudor" Brick After Cleaning



TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

Name: "Old Virginia" Brick					
Product	**Dilution**	**Surface Finish Removal**	**Substrate Deterioration**	**Color Change**	**Staining**
600	1:6	0	0	0	0
600	1:8	0	0	0	0
Vana Trol®	1:6	0	0	0	0
Vana Trol®	1:8	0	0	0	0
Safety Klean	1:2	0	0	0	0
Safety Klean	1:3	0	0	0	0

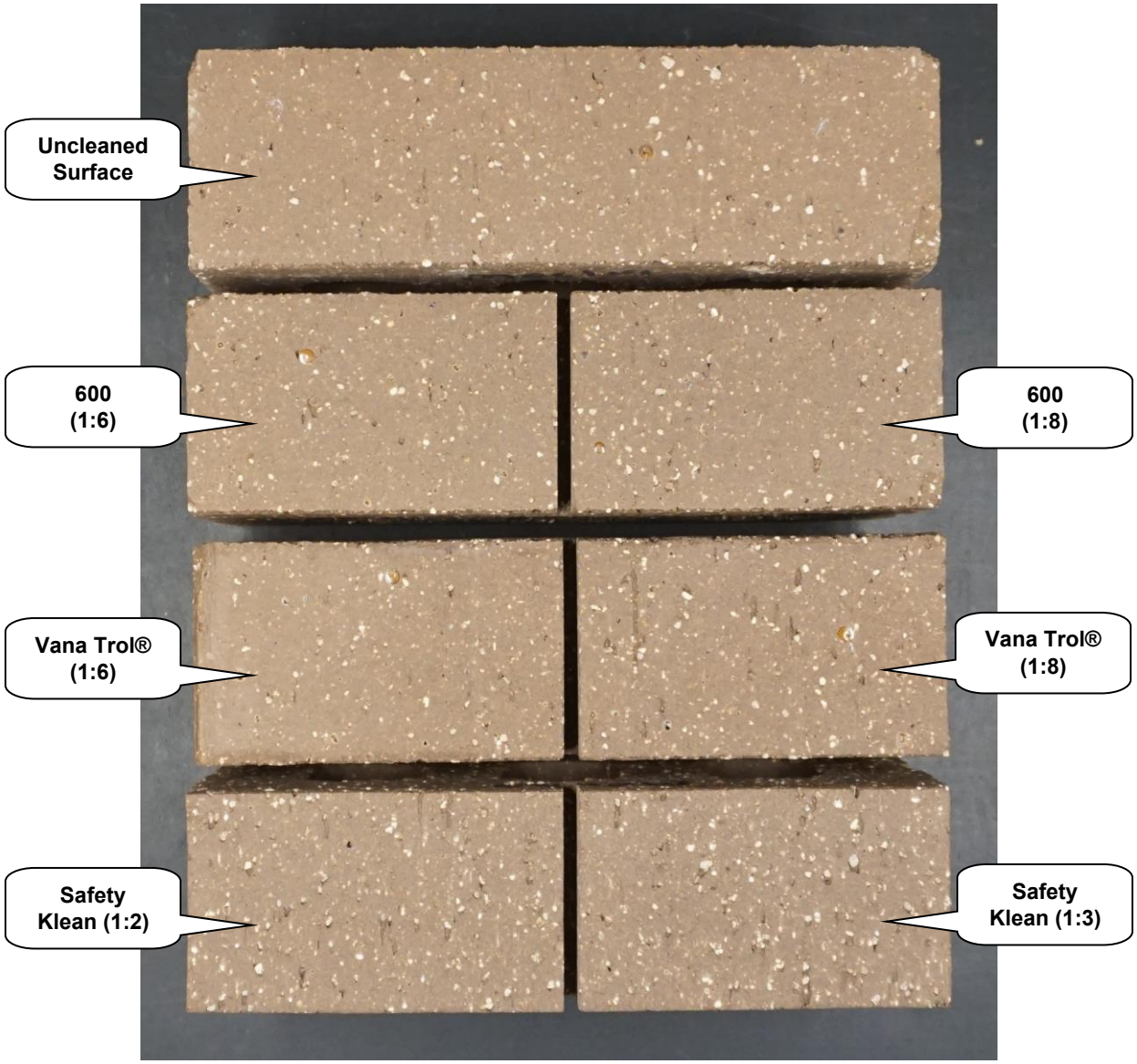
"Old Virginia" Brick After Cleaning



TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

Name: "Mocha" Brick					
Product	**Dilution**	**Surface Finish Removal**	**Substrate Deterioration**	**Color Change**	**Staining**
600	1:6	0	0	0	0
600	1:8	0	0	0	0
Vana Trol®	1:6	0	0	0	0
Vana Trol®	1:8	0	0	0	0
Safety Klean	1:2	0	0	0	0
Safety Klean	1:3	0	0	0	0

"Mocha" Brick After Cleaning



CONCLUSIONS: New Construction Cleaning

In the cleaning tests conducted, none of the new construction cleaners caused any change to the appearance of the submitted clay brick. However, the Product Data Sheet for Sure Klean® 600 states, “may not be suitable for cleaning buff-colored brick and brick, stone, or tile with manganese or other metallic additives.”

Per the request of the customer, additional samples were cleaned with the previously listed new construction cleaners and rinsed with a hose in order to capture the effluent for visual analysis. No anomalies, pigment, or sample material were observed in the captured effluent.

When choosing the most appropriate product for the desired result:

- For a general purpose, concentrated acidic cleaner – test Sure Klean® 600
- For new masonry surfaces that are subject to vanadium, manganese, and other metallic stains – test Sure Klean® Vana Trol®
- For an effective, safe alternative to acidic cleaning compounds – test Enviro Klean® Safety Klean

It is recommended that the selected cleaners always be used in the lowest possible concentration. 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 cleaning product and procedures for a particular project. See product literature for additional application and product information.

RECOMMENDATIONS: New Construction Cleaning

Recommendations for cleaning the clay brick submitted by Interstate Brick, West Jordan, UT are provided in the chart below. Recommendations are based on the cleaner and dilution that provided the best match to the uncleaned surface.

Sample	New Construction Cleaning
"Black Ice" Brick	[1]Sure Klean® Vana Trol® (1:6) or (1:8) OR [2]Sure Klean® 600 (1:6) or (1:8) OR [2]Enviro Klean® Safety Klean (1:2) or (1:3)
"Columbard" Brick	
"Dartmouth" Brick	
"English Tudor" Brick	
"Old Virginia" Brick	
"Mocha" Brick	

NOTE: "1" indicates the recommended first choice and "2" indicates the recommended second choice. These recommendations are based on the Product Data Sheet limitations for certain brick types.

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 recommendations 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.

SAMPLE PREPARATION: Treatment Application

Prior to treatment application, the submitted brick were cleaned with Sure Klean® Vana Trol® diluted with eight parts water in accordance with the current PROSOCO, Inc. Product Data Sheet instructions. After the samples had dried for at least 24 hours, Sure Klean® Weather Seal Blok-Guard® & Graffiti Control WB 6, Sure Klean® Weather Seal Siloxane WB Concentrate diluted with nine parts water, and Sure Klean® Weather Seal Siloxane PD were applied in a brushing application in accordance with the current PROSOCO, Inc. Product Data Sheet instructions. The treatments were allowed to cure for at least 72 hours prior to testing.

TEST METHODS: Protective Water Repellents

Water Absorption Tube Test: Vertical 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 98-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 mL × 20% = **1.0 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 mL × 50% = **2.5 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 mL × 50% = **2.5 mL**

TEST RESULTS AND PHOTOGRAPHS: Protective Water Repellents

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

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

"Black Ice" Brick	Results in mL loss	Ranking
Untreated Control	-0.6	--
Blok-Guard® & Graffiti Control WB 6	-0.0	**AA**
Siloxane WB Concentrate (1:9)	-0.0	**AA**
Siloxane PD	-0.0	**AA**

"Black Ice" Brick After Application

TEST RESULTS AND PHOTOGRAPHS: Protective Water Repellents (cont.)

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

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

"Columbard" Brick	Results in mL loss	Ranking
Untreated Control	-1.7	--
Blok-Guard® & Graffiti Control WB 6	-0.0	**AA**
Siloxane WB Concentrate (1:9)	-0.0	**AA**
Siloxane PD	-0.0	**AA**

"Columbard" Brick After Application

TEST RESULTS AND PHOTOGRAPHS: Protective Water Repellents (cont.)

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

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

"Dartmouth" Brick	Results in mL loss	Ranking
Untreated Control	-0.5	--
Blok-Guard® & Graffiti Control WB 6	-0.0	**AA**
Siloxane WB Concentrate (1:9)	-0.1	**AA**
Siloxane PD	-0.1	**AA**

"Dartmouth" Brick After Application

TEST RESULTS AND PHOTOGRAPHS: Protective Water Repellents (cont.)

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

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

"English Tudor" Brick	Results in mL loss	Ranking
Untreated Control	-1.4	--
Blok-Guard® & Graffiti Control WB 6	-0.0	**AA**
Siloxane WB Concentrate (1:9)	-0.1	**AA**
Siloxane PD	-0.1	**AA**

"English Tudor" Brick After Application

TEST RESULTS AND PHOTOGRAPHS: Protective Water Repellents (cont.)

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

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

"Old Virginia" Brick	Results in mL loss	Ranking
Untreated Control	-0.5	--
Blok-Guard® & Graffiti Control WB 6	-0.0	**AA**
Siloxane WB Concentrate (1:9)	-0.0	**AA**
Siloxane PD	-0.0	**AA**

"Old Virginia" Brick After Application

TEST RESULTS AND PHOTOGRAPHS: Protective Water Repellents (cont.)

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

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

"Mocha" Brick	Results in mL loss	Ranking
Untreated Control	-0.5	--
Blok-Guard® & Graffiti Control WB 6	-0.0	**AA**
Siloxane WB Concentrate (1:9)	-0.0	**AA**
Siloxane PD	-0.0	**AA**

"Mocha" Brick After Application

CONCLUSIONS: Protective Water Repellents

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

The majority of the brick showed no change in appearance when treated with Sure Klean® Weather Seal Blok-Guard® & Graffiti Control WB 6, Sure Klean® Weather Seal Siloxane WB Concentrate diluted with 9 parts water, and Sure Klean® Weather Seal Siloxane PD.

A moderate amount of color enhancement was observed with the following:

- “Black Ice” brick – Sure Klean® Weather Seal Blok-Guard® & Graffiti Control WB 6
- “Black Ice” brick – Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)

A slight amount of color enhancement was observed with the following:

- “Mocha” brick – Sure Klean® Weather Seal Blok-Guard® & Graffiti Control WB 6

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: Protective Water Repellents

Recommendations for water repellency for the clay brick submitted by Interstate Brick, West Jordan, UT are provided in the chart below. Recommendations are based on the treatment(s) that proved most effective.

Sample	Water Repellency
“Black Ice” Brick	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control WB 6 OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) OR Sure Klean® Weather Seal Siloxane PD
“Columbard” Brick	
“Dartmouth” Brick	
“English Tudor” Brick	
“Old Virginia” Brick	
“Mocha” Brick	

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

TEST METHODS: Graffiti Resistance

This evaluation compares the effectiveness of graffiti control treatments in preventing staining of enamel spray paint and permanent marker.

Graffiti comes in many forms, many of which are low quality, readily available spray paints and markers. While those forms of graffiti are most common and may be easier to remove, the testing below was conducted with the graffiti types we have found to be the most resilient and hardest to remove in order to provide you with a “worst case scenario.” Always test in field conditions to verify intended performance.

Spray paint and marker were applied as graffiti agents to the untreated and treated surfaces five days after application of the graffiti resistant products. Removal of the graffiti agents was attempted 24 hours after application of the graffiti agents, using Enviro Klean® SafStrip® and Sure Klean® Graffiti Remover.

Chemical cleaners were evaluated using the following procedure:

1. Apply the product to a dry surface, soiled with graffiti.
2. Allow appropriate dwell time and periodically agitate:
   SafStrip® ..... 30 minutes
   Graffiti Remover ..... 5 minutes
3. Rinse thoroughly until water runs clear. *
4. Allow the surface to dry thoroughly and visually examine to determine effectiveness.

***Pressure Rinsing Equipment –** Masonry washing equipment generating approximately 700-800 psi with a water flow rate of 8 gallons per minute delivered through a 40-degree fan spray tip was used for rinsing.

Graffiti removal was evaluated visually using a scale from 0 to 10, with 0 indicating no removal of the graffiti agent and 10 indicating complete removal of the graffiti agent.

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance

"Black Ice" Brick				
Untreated Control	**Red Paint**	**Blue Paint**	**Black Marker**	**Avg. Rating**
SafStrip®	10	9	10	**9.7**
Graffiti Remover	10	10	10	**10.0**
Blok-Guard® & Graffiti Control WB 6	**Red Paint**	**Blue Paint**	**Black Marker**	**Avg. Rating**
SafStrip®	10	10	10	**10.0**
Graffiti Remover	10	10	10	**10.0**

"Columbard" Brick				
Untreated Control	**Red Paint**	**Blue Paint**	**Black Marker**	**Avg. Rating**
SafStrip®	8	7	9	**8.0**
Graffiti Remover	8	7	7	**7.3**
Blok-Guard® & Graffiti Control WB 6	**Red Paint**	**Blue Paint**	**Black Marker**	**Avg. Rating**
SafStrip®	8	7	10	**8.3**
Graffiti Remover	8	7	8	**7.7**

"Dartmouth" Brick				
Untreated Control	**Red Paint**	**Blue Paint**	**Black Marker**	**Avg. Rating**
SafStrip®	10	8	10	**9.3**
Graffiti Remover	10	9	10	**9.7**
Blok-Guard® & Graffiti Control WB 6	**Red Paint**	**Blue Paint**	**Black Marker**	**Avg. Rating**
SafStrip®	10	10	10	**10.0**
Graffiti Remover	10	10	10	**10.0**

TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

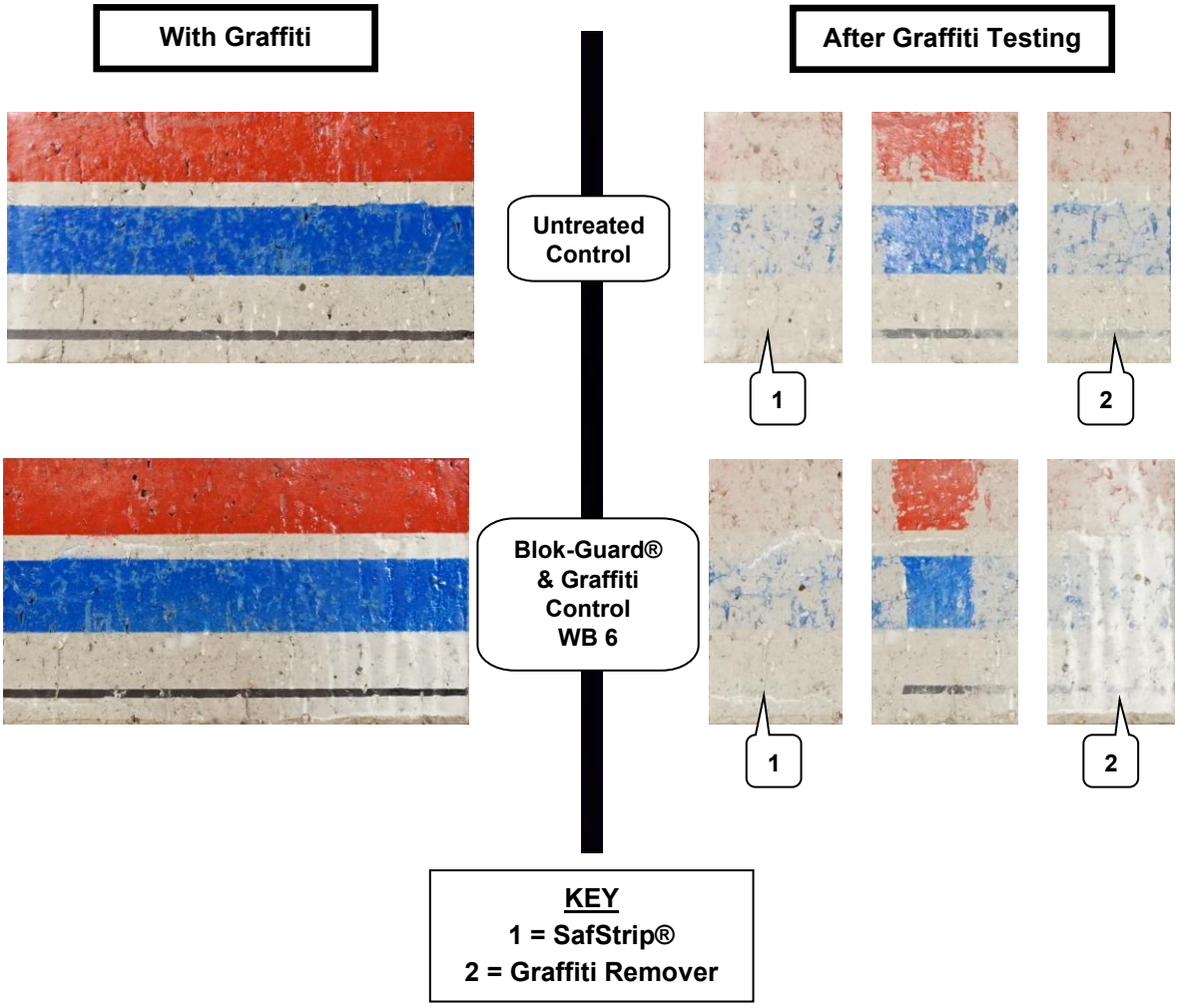
"English Tudor" Brick				
Untreated Control	**Red Paint**	**Blue Paint**	**Black Marker**	**Avg. Rating**
SafStrip®	7	3	9	**6.3**
Graffiti Remover	7	3	8	**6.0**
Blok-Guard® & Graffiti Control WB 6	**Red Paint**	**Blue Paint**	**Black Marker**	**Avg. Rating**
SafStrip®	7	5	9	**7.0**
Graffiti Remover	7	5	9	**7.0**

"Old Virginia" Brick				
Untreated Control	**Red Paint**	**Blue Paint**	**Black Marker**	**Avg. Rating**
SafStrip®	10	10	10	**10.0**
Graffiti Remover	10	10	10	**10.0**
Blok-Guard® & Graffiti Control WB 6	**Red Paint**	**Blue Paint**	**Black Marker**	**Avg. Rating**
SafStrip®	10	10	10	**10.0**
Graffiti Remover	10	10	10	**10.0**

"Mocha" Brick				
Untreated Control	**Red Paint**	**Blue Paint**	**Black Marker**	**Avg. Rating**
SafStrip®	9	9	9	**9.0**
Graffiti Remover	9	9	9	**9.0**
Blok-Guard® & Graffiti Control WB 6	**Red Paint**	**Blue Paint**	**Black Marker**	**Avg. Rating**
SafStrip®	9	9	10	**9.3**
Graffiti Remover	9	9	9	**9.0**

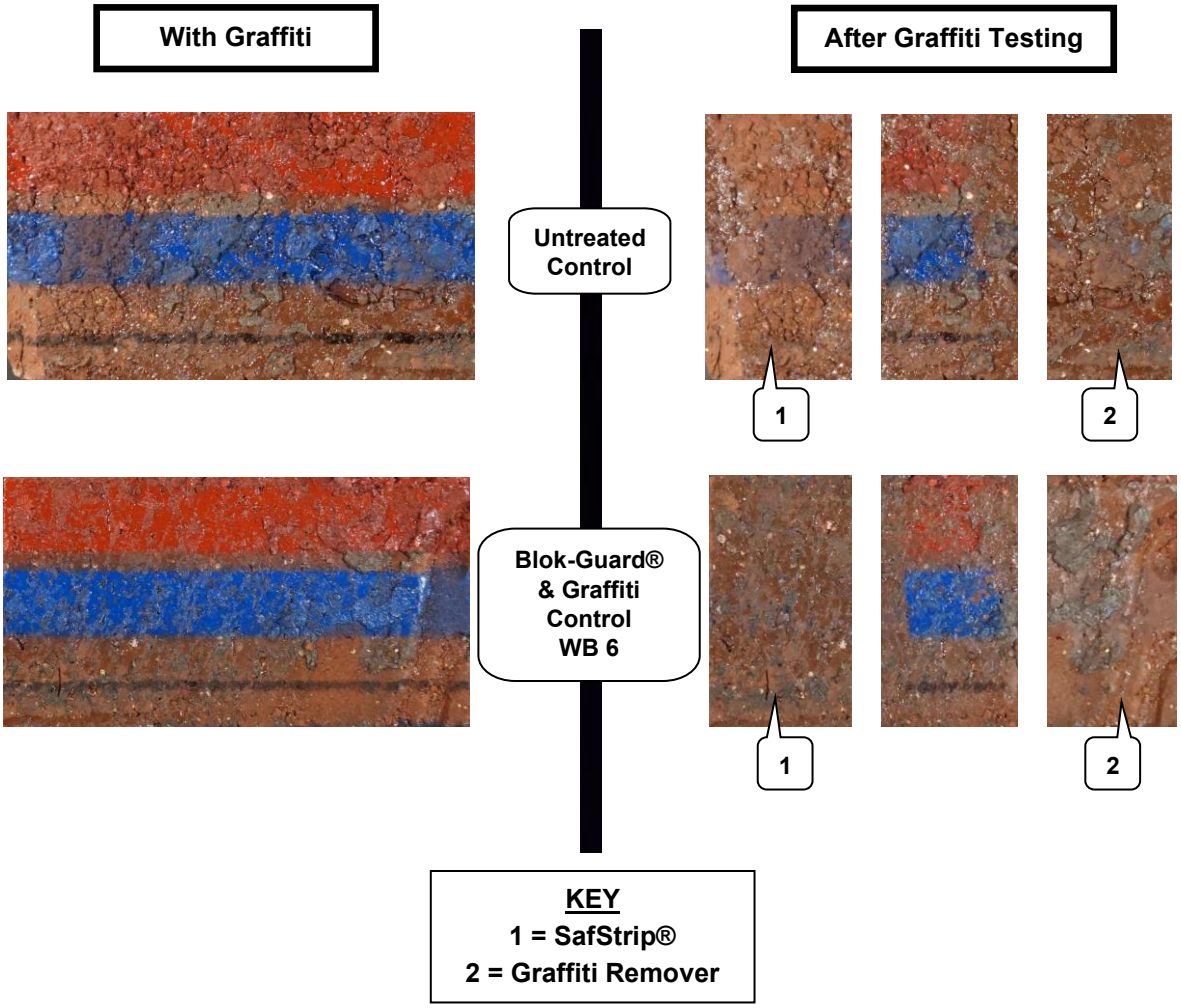
TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

"Columbard" Brick



TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)

"Dartmouth" Brick



CONCLUSIONS: Graffiti Resistance

Based on the laboratory evaluations, graffiti removal was improved in most cases with Sure Klean® Weather Seal Blok-Guard® & Graffiti Control WB 6.

Enviro Klean® SafStrip® and Sure Klean® Graffiti Remover were both effective in removing graffiti from the submitted samples.

On-site testing is always recommended to ensure the desired result. Heavy graffiti staining may require more than one application of the graffiti remover.

RECOMMENDATIONS: Graffiti Resistance

Recommendations for graffiti resistance for each type of clay brick submitted by Interstate Brick, West Jordan, UT are provided in the chart below. Recommendations are based on the treatment(s) that proved most effective on average for providing graffiti repellency and the product that was most effective on average at removing the graffiti on all types submitted. Heavy graffiti staining may require more than one application of the graffiti remover.

Sample	Graffiti Resistance
"Black Ice" Brick	**Graffiti Repellents** Sure Klean® Weather Seal Blok-Guard® & Graffiti Control WB 6 **Graffiti Removers** Sure Klean® Graffiti Remover OR Enviro Klean® SafStrip®
"Columbard" Brick	
"Dartmouth" Brick	
"English Tudor" Brick	
"Old Virginia" Brick	
"Mocha" Brick	

Apply all products in accordance with the manufacturer's recommendations 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.

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.