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# Pallet Tag Program Laboratory Report

## Kafka Granite

### Mosinee, WI



*Project No. 2110-02 PTP*

***Prepared For:***



***Prepared By:***

*J. Lucas Comadoll*

J. Lucas Comadoll  
Project Testing Technician  
AMT Laboratories

December 2021



# Laboratory Report

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**FOR:** Jason Hestekin, Kafka Granite  
**cc:** Mike Dickey  
Jim Lucas, JN Lucas & Associates, Inc.  
Ken Rathbun, PROSOCO, Inc.  
Clay Witt, PROSOCO, Inc.  
Jake Boyer, PROSOCO, Inc.  
Al Morris, PROSOCO, Inc.

**SUBJECT:** Kafka Granite  
Mosinee, WI  
Pallet Tag Evaluation

**DATE:** November 30, 2021  
**PROJECT:** 2110-02 PTP

**SAMPLES SUBMITTED:** Twelve types of natural stone

Type	Name	Cut	Size
Mica-Enriched Quartzite	"Ebony Glitter"	Castle	Various Sizes
Mica-Enriched Quartzite	"Galaxy Glitter"	Castle	Various Sizes
Mica-Enriched Quartzite	"Sedona Glitter"	Castle	Various Sizes
Quartzitic Sandstone	"Harvest Gold Sandstone"	Castle	Various Sizes
Granite	"Imperial Gray Granite"	Castle	Various Sizes
Granite	"Sierra Granite"	Dimensional	Various Sizes
Granite	"Sierra Granite"	Rustic	Various Sizes
Granite	"Starlight Black Granite"	Castle	Various Sizes
Granite	"Wisconsin Granite Fieldstone"	Round Side Out	Various Sizes
Marble	"Gun Metal Marble Mixed"	Castle	Various Sizes
Marble	"Gun Metal Marble"	Rustic	Various Sizes
Marble	"Misty Gray Marble"	Castle	Various Sizes

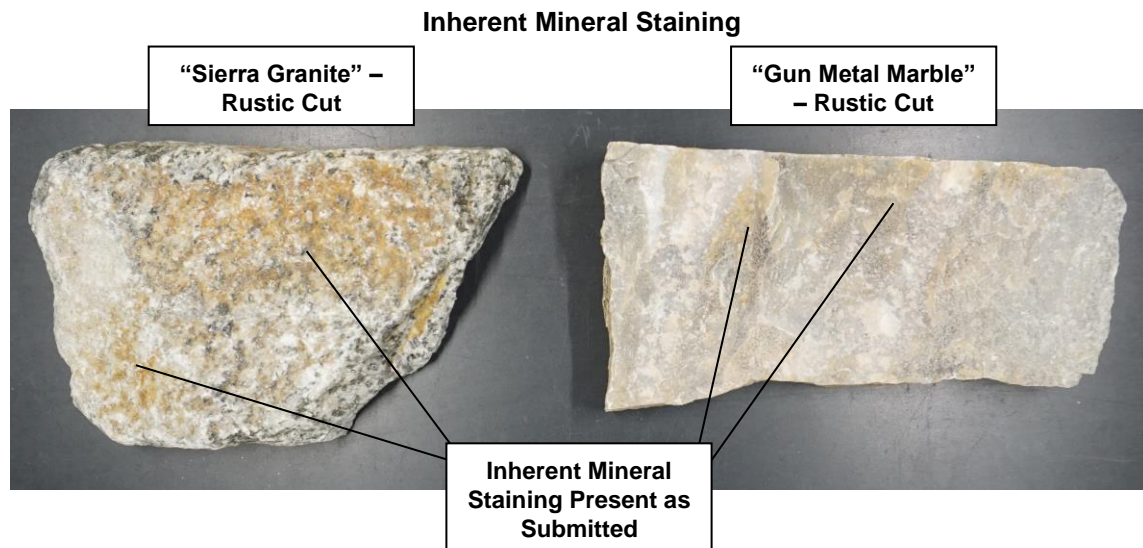
**SUBMITTED BY:** Jason Hestekin  
Kafka Granite  
550 East Hwy 153  
Mosinee, WI 54455

## PURPOSE OF TEST:

To determine the most appropriate PROSOCO, Inc. new construction cleaner(s) for the submitted samples.

- 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(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: Several of the “Sierra Granite” – Rustic Cut and “Gun Metal Marble” – Rustic Cut samples exhibited inherent mineral staining as submitted.**



**PRODUCTS EVALUATED:**

<b>New Construction Cleaning (Product Dependent on Stone Type)</b>	<b>Dilution:</b>
Sure Klean® Vana Trol®	1:6; 1:8
Enviro Klean® Safety Klean	1:2, 1:3
Sure Klean® 600	1:6; 1:8
Enviro Klean® Klean 'N Release Cleaner (Maintenance Cleaner)	Concentrate; 1:10

<b>Color and Sheen Enhancement (Product Dependent on Stone Type)</b>	<b>Dilution:</b>
Sure Klean® Weather Seal Gloss 'N Guard	N/A*
Sure Klean® Weather Seal Gloss 'N Guard WB	N/A*
Sure Klean® Weather Seal Paver Enhancer	N/A*
PROSOCO® T2633 Color Enhancer VOC	N/A*

<b>Water Repellency (Product Dependent on Stone Type)</b>	<b>Dilution:</b>
Sure Klean® Weather Seal Natural Stone Treatment VOC	N/A*
PROSOCO® SL100® Water Repellent	N/A*
Sure Klean® Weather Seal Siloxane PD	N/A*
PROSOCO® Saltguard WB	N/A*
Sure Klean® Weather Seal Paver Enhancer	N/A*
PROSOCO® T2633 Color Enhancer VOC	N/A*
Sure Klean® Weather Seal Blok-Guard & Graffiti Control	N/A*
Sure Klean® Weather Seal Blok-Guard & Graffiti Control Ultra 15	N/A*
PROSOCO® T2676 Graffiti Control WB 15	N/A*

<b>Graffiti Resistance (Product Dependent on Stone Type)</b>	<b>Dilution:</b>
Sure Klean® Weather Seal Blok-Guard & Graffiti Control	N/A*
Sure Klean® Weather Seal Blok-Guard & Graffiti Control Ultra 15	N/A*
PROSOCO® T2676 Graffiti Control WB 15	N/A*
Sure Klean® Weather Seal Sacrificial Coating SC-1	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® Vana Trol®, Enviro Klean® Safety Klean, and Sure Klean® 600 were evaluated to determine the optimal concentration of cleaner which leaves the external surface looking most like the uncleaned surface of the submitted natural stone.

**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:
 

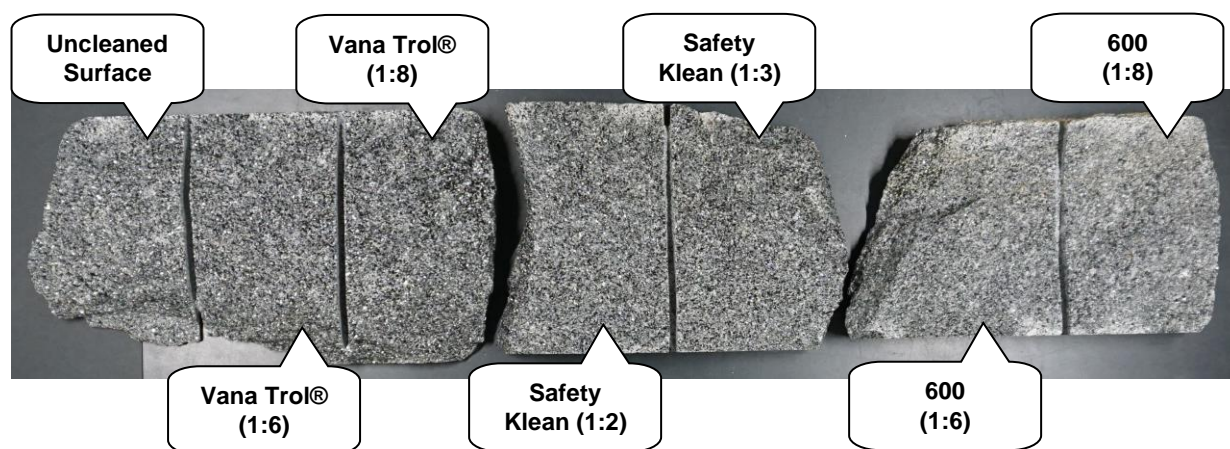
Vana Trol®.....	5 minutes
Safety Klean.....	5 minutes
600 .....	5 minutes
3. Reapply cleaning solution; do not let cleaner dry into sample.
4. Rinse thoroughly with plenty of fresh water.\*
5. Allow the sample to dry for at least 18 hours and visually examine.
6. Compare the uncleaned surfaces to the 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: "Ebony Glitter" – Castle Cut					
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
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
600	1:6	0	0	0	0
600	1:8	0	0	0	0

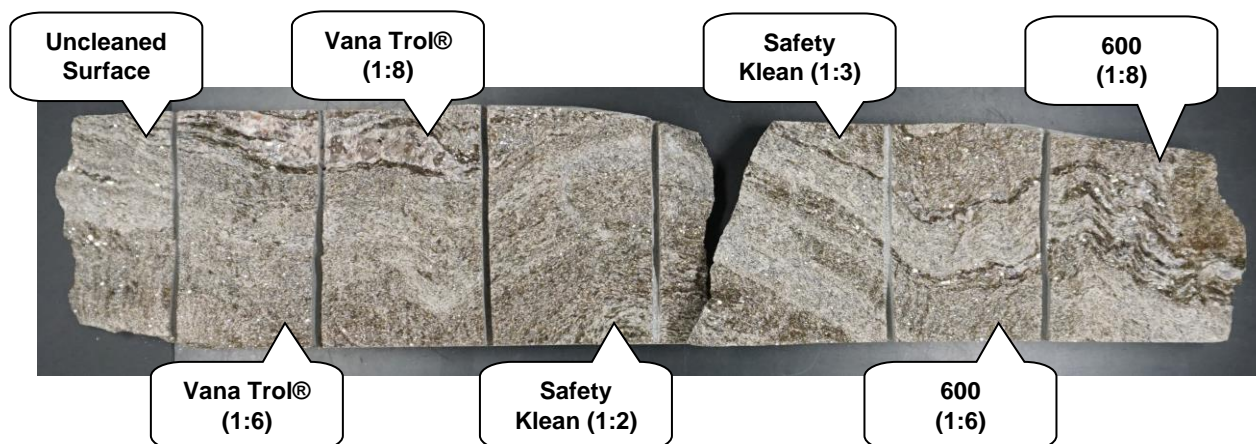
### "Ebony Glitter" – Castle Cut After Cleaning



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

<b>Name: "Galaxy Glitter" – Castle Cut</b>					
<b>Product</b>	<b>Dilution</b>	<b>Surface Finish Removal</b>	<b>Substrate Deterioration</b>	<b>Color Change</b>	<b>Staining</b>
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
600	1:6	0	0	0	0
600	1:8	0	0	0	0

**"Galaxy Glitter" – Castle Cut After Cleaning**

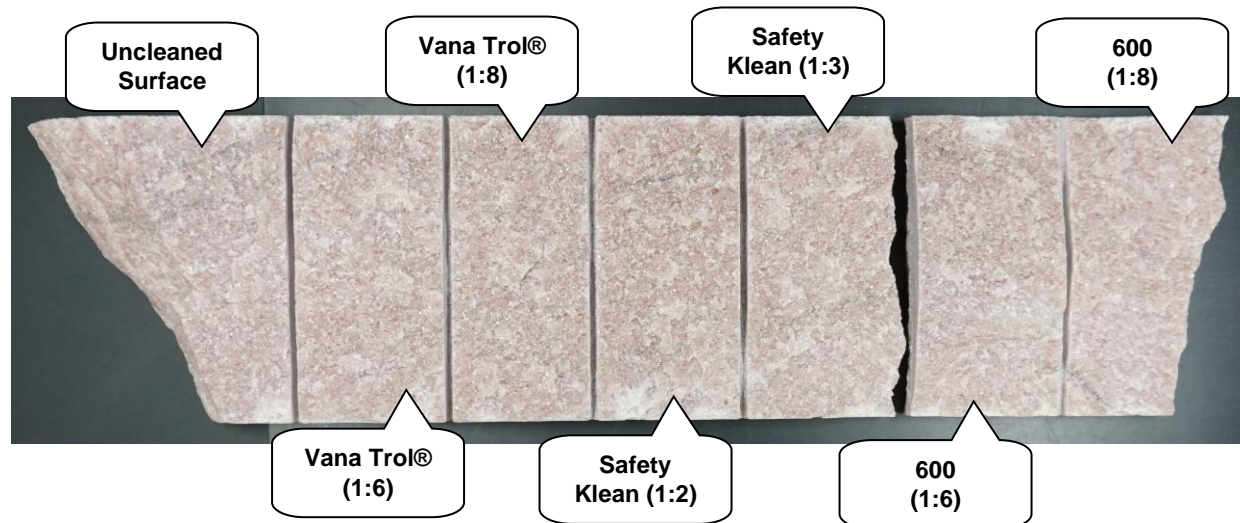




**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

<b>Name: "Sedona Glitter" – Castle Cut</b>					
<b>Product</b>	<b>Dilution</b>	<b>Surface Finish Removal</b>	<b>Substrate Deterioration</b>	<b>Color Change</b>	<b>Staining</b>
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
600	1:6	0	0	0	0
600	1:8	0	0	0	0

**"Sedona Glitter" – Castle Cut After Cleaning**





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

<b>Name: "Harvest Gold Sandstone" – Castle Cut</b>					
<b>Product</b>	<b>Dilution</b>	<b>Surface Finish Removal</b>	<b>Substrate Deterioration</b>	<b>Color Change</b>	<b>Staining</b>
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
600	1:6	0	0	0	0
600	1:8	0	0	0	0

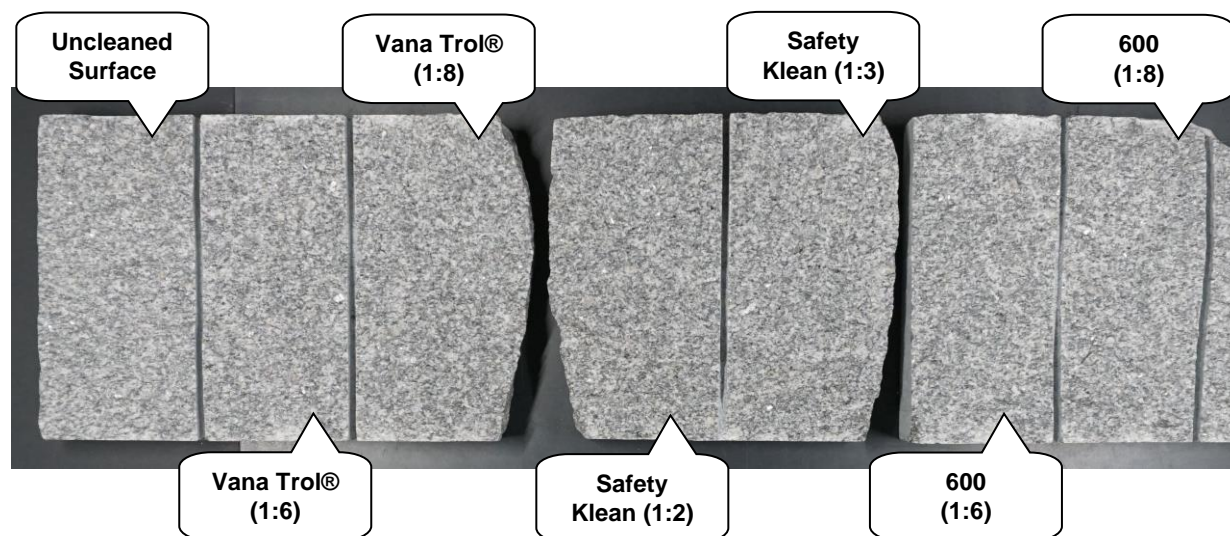
**"Harvest Gold Sandstone" – Castle Cut After Cleaning**



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

<b>Name: "Imperial Gray Granite" – Castle Cut</b>					
<b>Product</b>	<b>Dilution</b>	<b>Surface Finish Removal</b>	<b>Substrate Deterioration</b>	<b>Color Change</b>	<b>Staining</b>
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
600	1:6	0	0	0	0
600	1:8	0	0	0	0

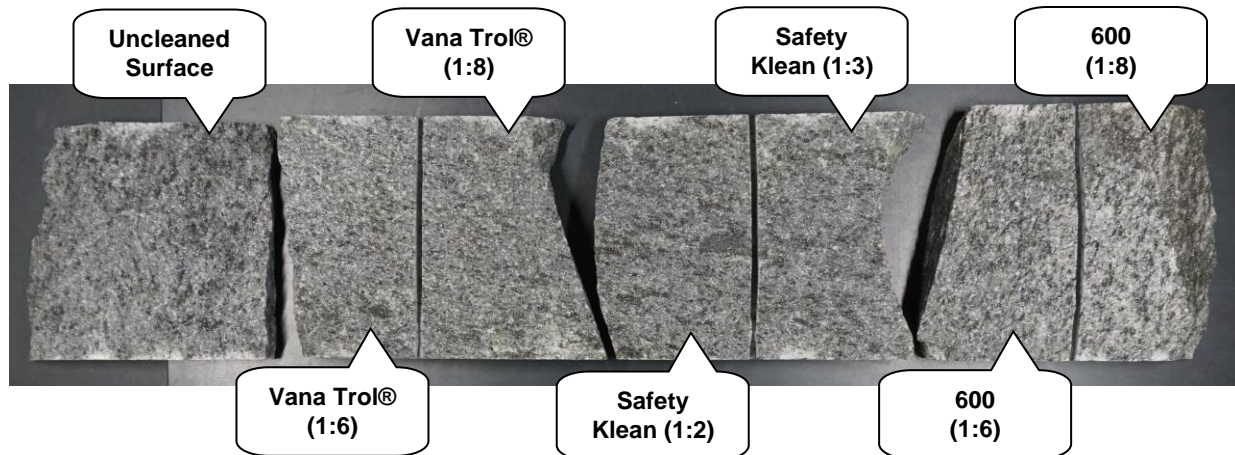
**"Imperial Gray Granite" – Castle Cut After Cleaning**



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

<b>Name: "Sierra Granite" – Dimensional Cut</b>					
<b>Product</b>	<b>Dilution</b>	<b>Surface Finish Removal</b>	<b>Substrate Deterioration</b>	<b>Color Change</b>	<b>Staining</b>
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
600	1:6	0	0	0	0
600	1:8	0	0	0	0

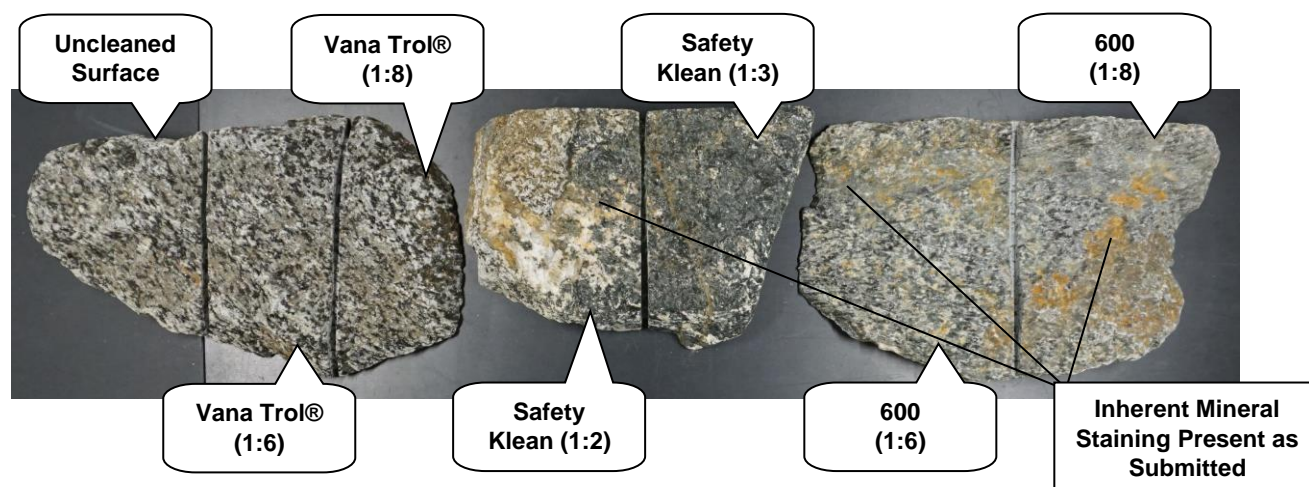
**"Sierra Granite" – Dimensional Cut After Cleaning**



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

Name: "Sierra Granite" – Rustic Cut					
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
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
600	1:6	0	0	0	0
600	1:8	0	0	0	0

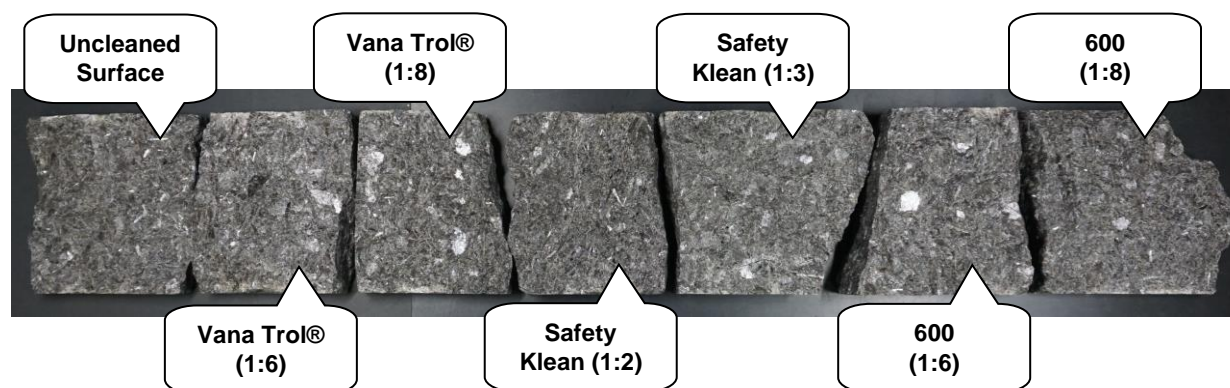
**"Sierra Granite" – Rustic Cut After Cleaning**



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

<b>Name: "Starlight Black Granite" – Castle Cut</b>					
<b>Product</b>	<b>Dilution</b>	<b>Surface Finish Removal</b>	<b>Substrate Deterioration</b>	<b>Color Change</b>	<b>Staining</b>
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
600	1:6	0	0	0	0
600	1:8	0	0	0	0

**"Starlight Black Granite" – Castle Cut After Cleaning**

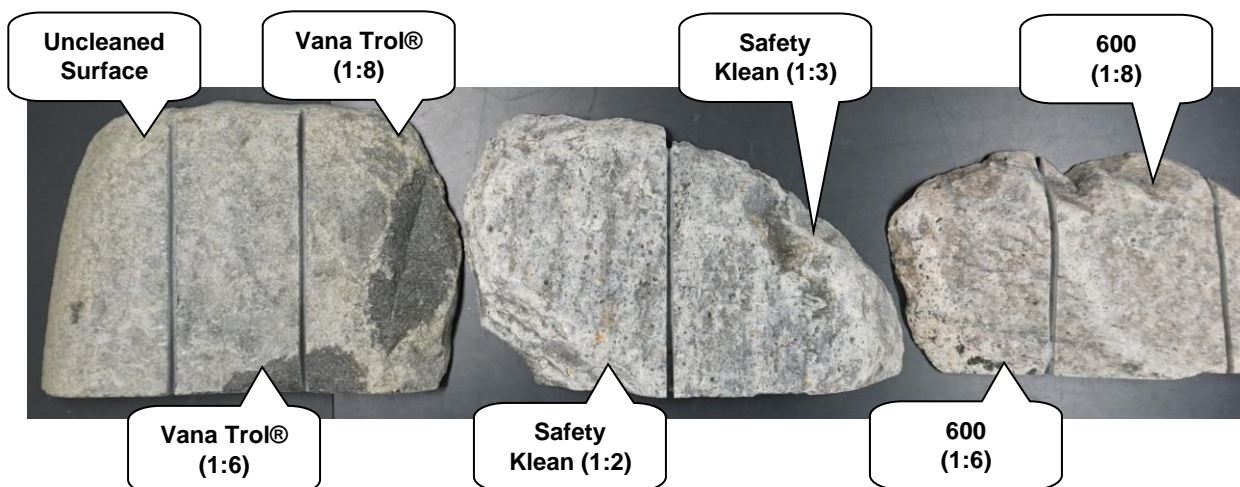




**TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)**

<b>Name: "Wisconsin Granite Fieldstone" – Round Side Out Cut</b>					
<b>Product</b>	<b>Dilution</b>	<b>Surface Finish Removal</b>	<b>Substrate Deterioration</b>	<b>Color Change</b>	<b>Staining</b>
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
600	1:6	0	0	0	0
600	1:8	0	0	0	0

**"Wisconsin Granite Fieldstone" – Round Side Out Cut After Cleaning**

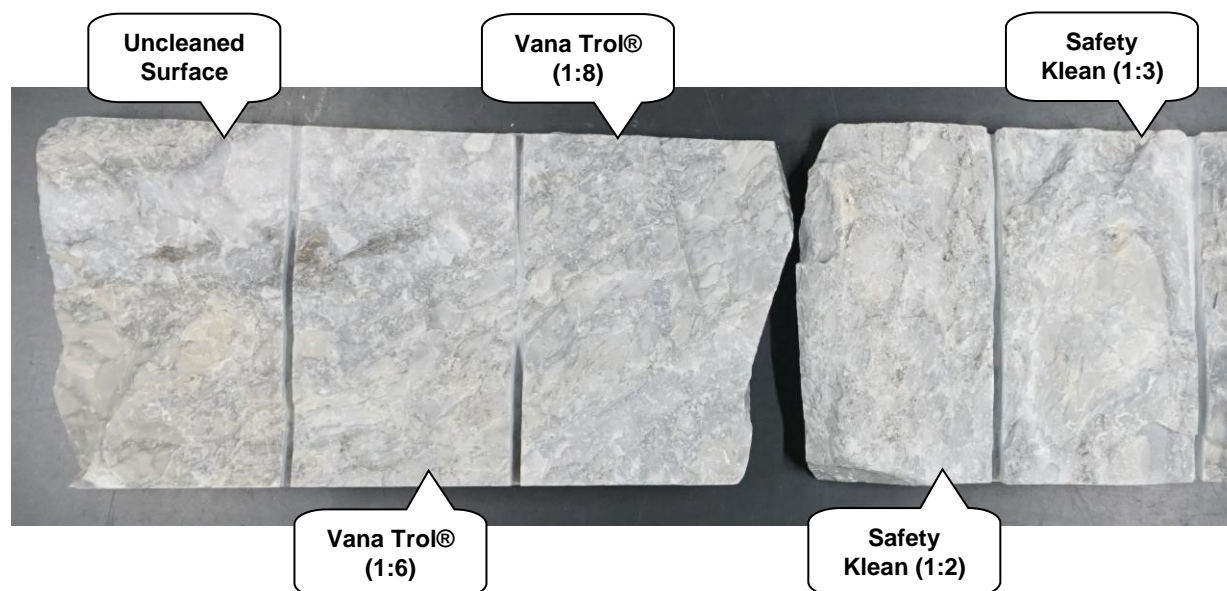




# TEST RESULTS AND PHOTOGRAPHS: New Construction Cleaning (cont.)

Name: "Gun Metal Marble Mixed" – Castle Cut					
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Vana Trol®	1:6	1	1	1	0
Vana Trol®	1:8	1	1	1	0
Safety Klean	1:2	1	1	1	0
Safety Klean	1:3	1	1	1	0

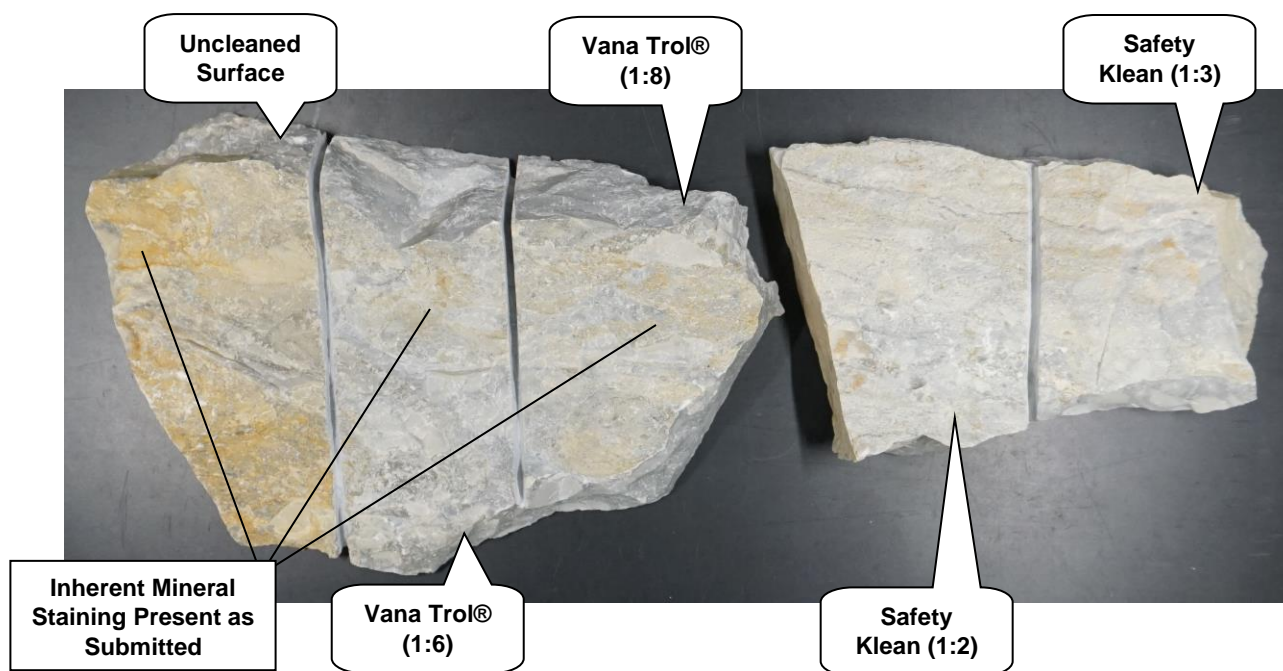
## "Gun Metal Marble Mixed" – Castle Cut After Cleaning



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

Name: "Gun Metal Marble" – Rustic Cut					
Product	Dilution	Surface Finish Removal	Substrate Deterioration	Color Change	Staining
Vana Trol®	1:6	1	1	1	0
Vana Trol®	1:8	1	1	1	0
Safety Klean	1:2	1	1	2	0
Safety Klean	1:3	1	1	2	0

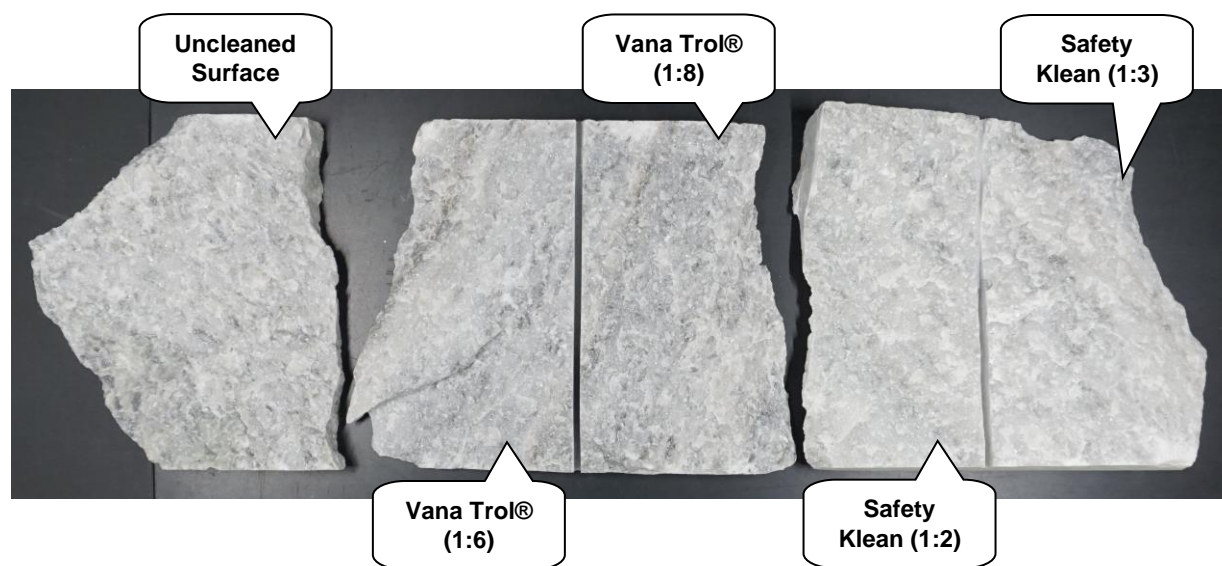
**"Gun Metal Marble" – Rustic Cut After Cleaning**



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

<b>Name: "Misty Gray Marble" – Castle Cut</b>					
<b>Product</b>	<b>Dilution</b>	<b>Surface Finish Removal</b>	<b>Substrate Deterioration</b>	<b>Color Change</b>	<b>Staining</b>
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

**"Misty Gray Marble" – Castle Cut After Cleaning**



## **CONCLUSIONS: New Construction Cleaning**

In most of the cleaning tests conducted, Sure Klean® Vana Trol®, Enviro Klean® Safety Klean, and Sure Klean® 600 caused no change to the appearance of the submitted natural stone.

Worth noting, a slight to moderate color change was observed when cleaning the “Gun Metal Marble Mixed” – Castle Cut and “Gun Metal Marble” – Rustic Cut samples with both dilutions of Sure Klean® Vana Trol® and Enviro Klean® Safety Klean. Therefore, an all-purpose maintenance cleaner, Enviro Klean® Klean ‘N Release Cleaner, was evaluated on these two samples. No change in appearance was observed when the Gun Metal Marble Mixed” – Castle Cut and “Gun Metal Marble” – Rustic Cut samples were cleaned with Enviro Klean® Klean ‘N Release Cleaner in concentrate and diluted with ten parts water.

When choosing the most appropriate product for the desired result:

- 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
- For new masonry surfaces that do not contain manganese or other metallic additives – Test Sure Klean® 600
- For delicate substrates and all-purpose cleaning – Test Enviro Klean® Klean ‘N Release Cleaner

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 for each type of natural stone submitted by Kafka Granite, Mosinee, WI 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
"Ebony Glitter" – Castle Cut	<p>Sure Klean® Vana Trol® (1:6) or (1:8)  OR  Enviro Klean® Safety Klean (1:2) or (1:3)  OR  Sure Klean® 600 (1:6) or (1:8)</p>
"Galaxy Glitter" – Castle Cut	
"Sedona Glitter" – Castle Cut	
"Harvest Gold Sandstone" – Castle Cut	
"Imperial Gray Granite" – Castle Cut	
"Sierra Granite" – Dimensional Cut	
"Sierra Granite" – Rustic Cut	
"Starlight Black Granite" – Castle Cut	
"Wisconsin Granite Fieldstone" – Round Side Out Cut	<p>Sure Klean® Vana Trol® (1:6) or (1:8)  OR  Enviro Klean® Safety Klean (1:2) or (1:3)  OR  Enviro Klean® Klean 'N Release Cleaner (Concentrate) or (1:10)</p>
"Gun Metal Marble Mixed" – Castle Cut	
"Gun Metal Marble" – Rustic Cut	
"Misty Gray Marble" – Castle Cut	<p>Sure Klean® Vana Trol® (1:6) or (1:8)  OR  Enviro Klean® Safety Klean (1:2) or (1:3)</p>

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.

### **SAMPLE PREPARATION: Treatment Application**

Prior to treatment application, the submitted natural stone samples 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, the treatments were applied in accordance with the current PROSOCO, Inc. Product Data Sheet instructions and allowed to cure for at least 72 hours prior to testing.

Worth noting, the marble samples treated with PROSOCO® T2676 Graffiti Control WB 15 were treated first with Sure Klean® Weather Seal Natural Stone Treatment VOC in accordance with the current PROSOCO, Inc. Product Data Sheet instructions.

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### **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 natural stone 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

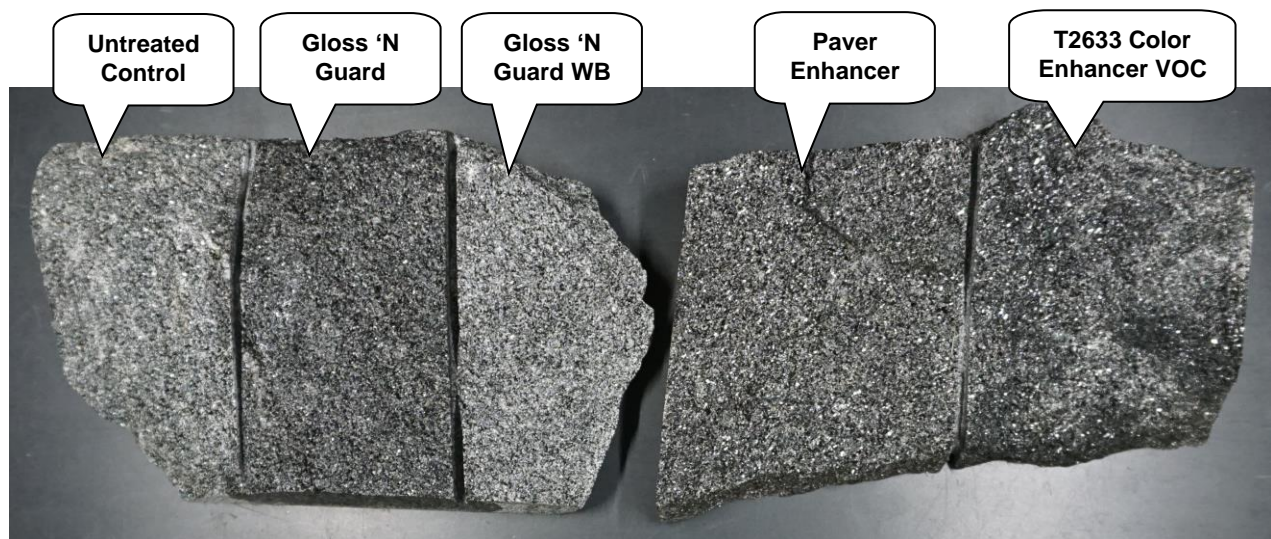
**NOTE:** Due to the surface irregularities and varying nature of the natural stone, the substrate's color and sheen enhancement may vary from one area of the sample to another, as well as from sample to sample.



**TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement**

<b>"Ebony Glitter" – Castle Cut</b>	<b>Color Enhancement</b>	<b>Sheen Enhancement</b>
Sure Klean® Weather Seal Gloss 'N Guard	2	0
Sure Klean® Weather Seal Gloss 'N Guard WB	1	1
Sure Klean® Weather Seal Paver Enhancer	2	0
PROSOCO® T2633 Color Enhancer VOC	2	0

**"Ebony Glitter" – Castle Cut After Application**



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

<b>"Galaxy Glitter" – Castle Cut</b>	<b>Color Enhancement</b>	<b>Sheen Enhancement</b>
Sure Klean® Weather Seal Gloss 'N Guard	2	0
Sure Klean® Weather Seal Gloss 'N Guard WB	1	1
Sure Klean® Weather Seal Paver Enhancer	2	0
PROSOCO® T2633 Color Enhancer VOC	1	0

**"Galaxy Glitter" – Castle Cut After Application**



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

<b>"Sedona Glitter" – Castle Cut</b>	<b>Color Enhancement</b>	<b>Sheen Enhancement</b>
Sure Klean® Weather Seal Gloss 'N Guard	2	1
Sure Klean® Weather Seal Gloss 'N Guard WB	1	2
Sure Klean® Weather Seal Paver Enhancer	2	0
PROSOCO® T2633 Color Enhancer VOC	3	0

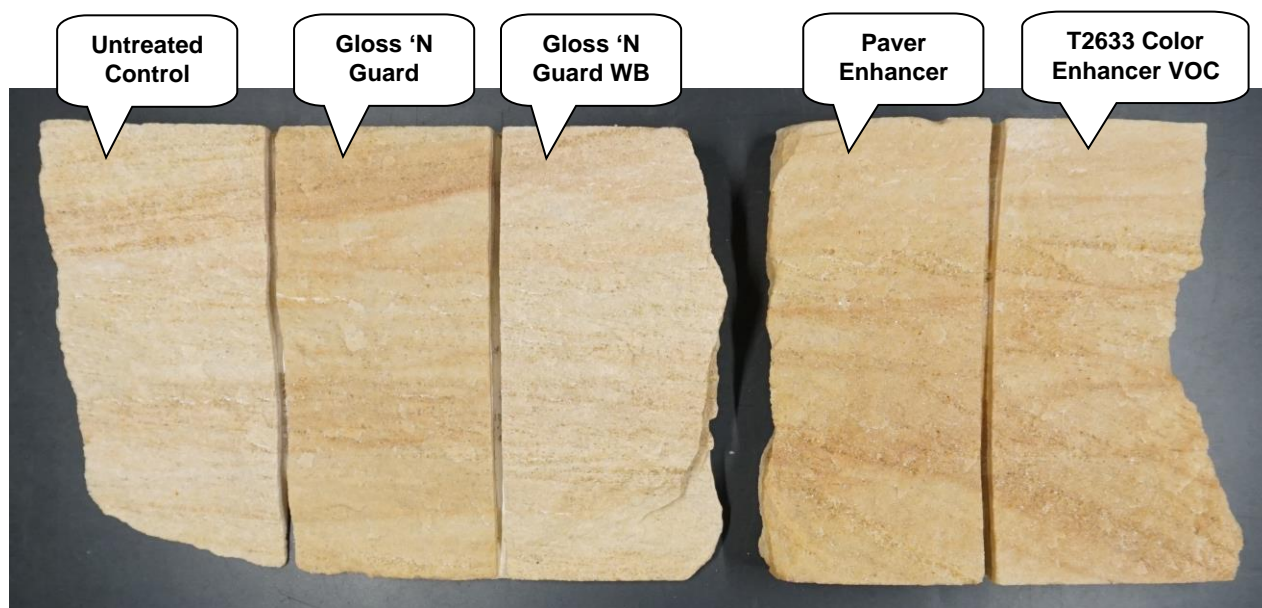
**"Sedona Glitter" – Castle Cut After Application**



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

<b>"Harvest Gold Sandstone" – Castle Cut</b>	<b>Color Enhancement</b>	<b>Sheen Enhancement</b>
Sure Klean® Weather Seal Gloss 'N Guard	2	0
Sure Klean® Weather Seal Gloss 'N Guard WB	1	1
Sure Klean® Weather Seal Paver Enhancer	2	0
PROSOCO® T2633 Color Enhancer VOC	2	0

**"Harvest Gold Sandstone" – Castle Cut After Application**





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

<b>"Imperial Gray Granite" – Castle Cut</b>	<b>Color Enhancement</b>	<b>Sheen Enhancement</b>
Sure Klean® Weather Seal Gloss 'N Guard	2	1
Sure Klean® Weather Seal Gloss 'N Guard WB	1	2
Sure Klean® Weather Seal Paver Enhancer	2	0
PROSOCO® T2633 Color Enhancer VOC	2	0

**"Imperial Gray Granite" – Castle Cut After Application**



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

<b>"Sierra Granite" – Dimensional Cut</b>	<b>Color Enhancement</b>	<b>Sheen Enhancement</b>
Sure Klean® Weather Seal Gloss 'N Guard	2	0
Sure Klean® Weather Seal Gloss 'N Guard WB	1	1
Sure Klean® Weather Seal Paver Enhancer	3	0
PROSOCO® T2633 Color Enhancer VOC	3	0

**"Sierra Granite" – Dimensional Cut After Application**

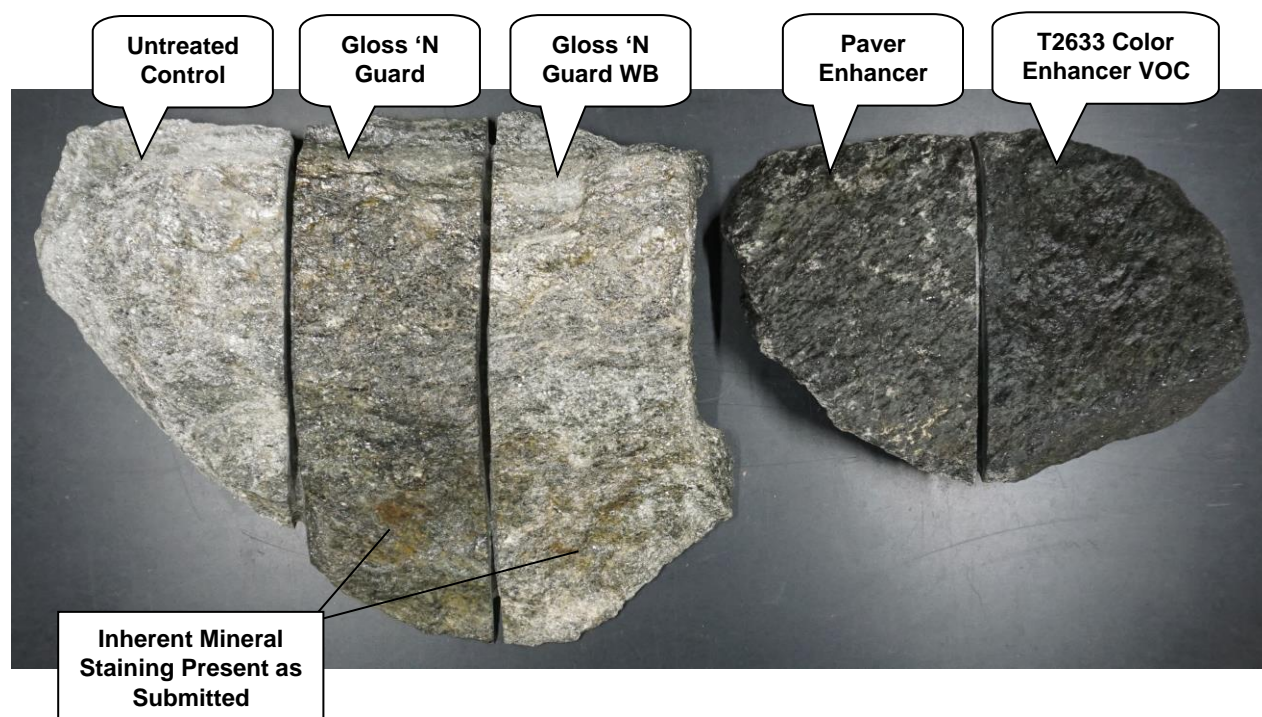




**TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)**

<b>"Sierra Granite" – Rustic Cut</b>	<b>Color Enhancement</b>	<b>Sheen Enhancement</b>
Sure Klean® Weather Seal Gloss 'N Guard	2	0
Sure Klean® Weather Seal Gloss 'N Guard WB	1	1
Sure Klean® Weather Seal Paver Enhancer	3	0
PROSOCO® T2633 Color Enhancer VOC	3	0

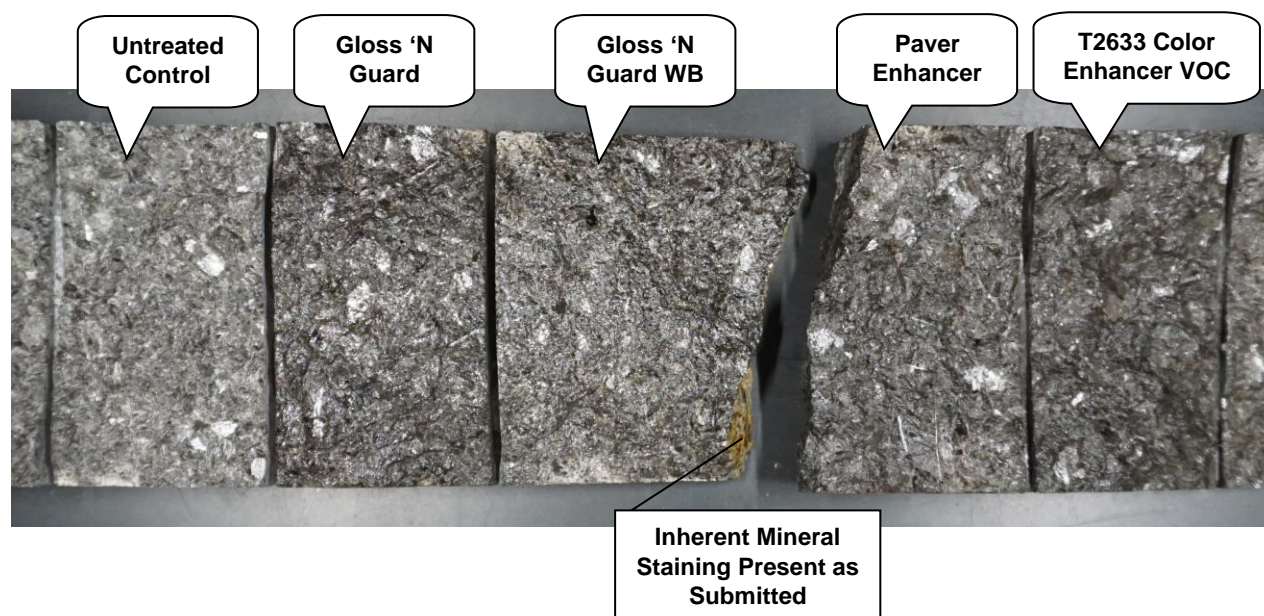
**"Sierra Granite" – Rustic Cut After Application**



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

<b>"Starlight Black Granite" – Castle Cut</b>	<b>Color Enhancement</b>	<b>Sheen Enhancement</b>
Sure Klean® Weather Seal Gloss 'N Guard	2	1
Sure Klean® Weather Seal Gloss 'N Guard WB	1	2
Sure Klean® Weather Seal Paver Enhancer	2	0
PROSOCO® T2633 Color Enhancer VOC	3	0

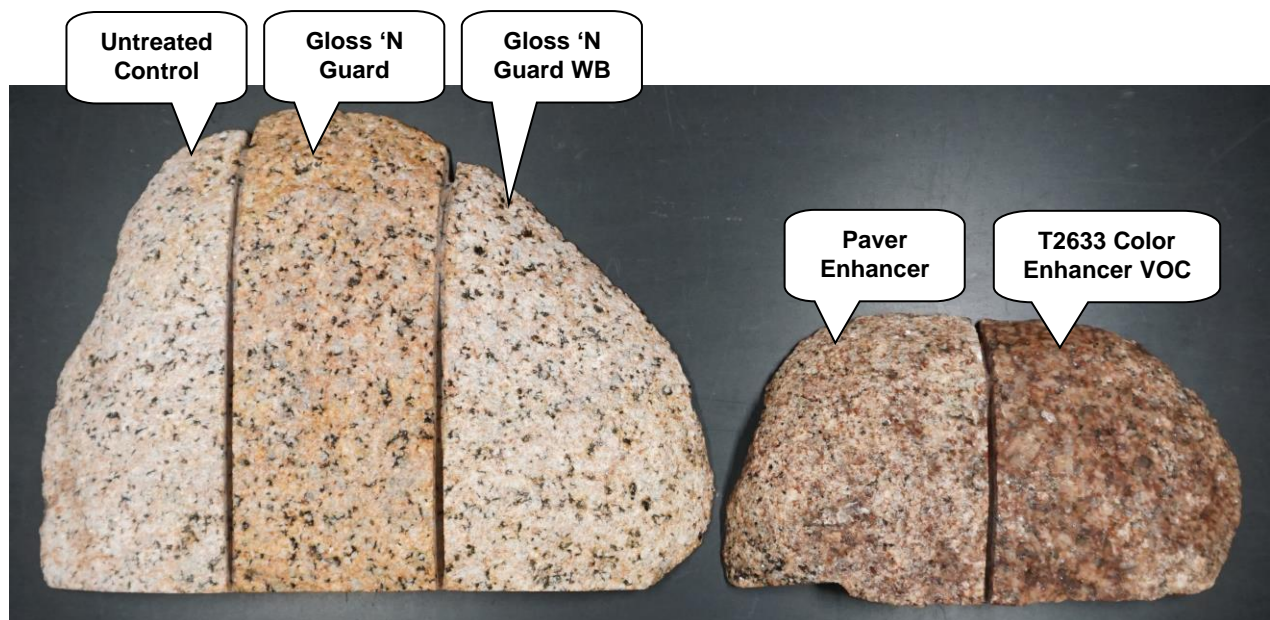
**"Starlight Black Granite" – Castle Cut After Application**



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

<b>"Wisconsin Granite Fieldstone" – Round Side Out Cut</b>	<b>Color Enhancement</b>	<b>Sheen Enhancement</b>
Sure Klean® Weather Seal Gloss 'N Guard	2	1
Sure Klean® Weather Seal Gloss 'N Guard WB	1	2
Sure Klean® Weather Seal Paver Enhancer	2	0
PROSOCO® T2633 Color Enhancer VOC	3	0

**"Wisconsin Granite Fieldstone" – Round Side Out Cut After Application**

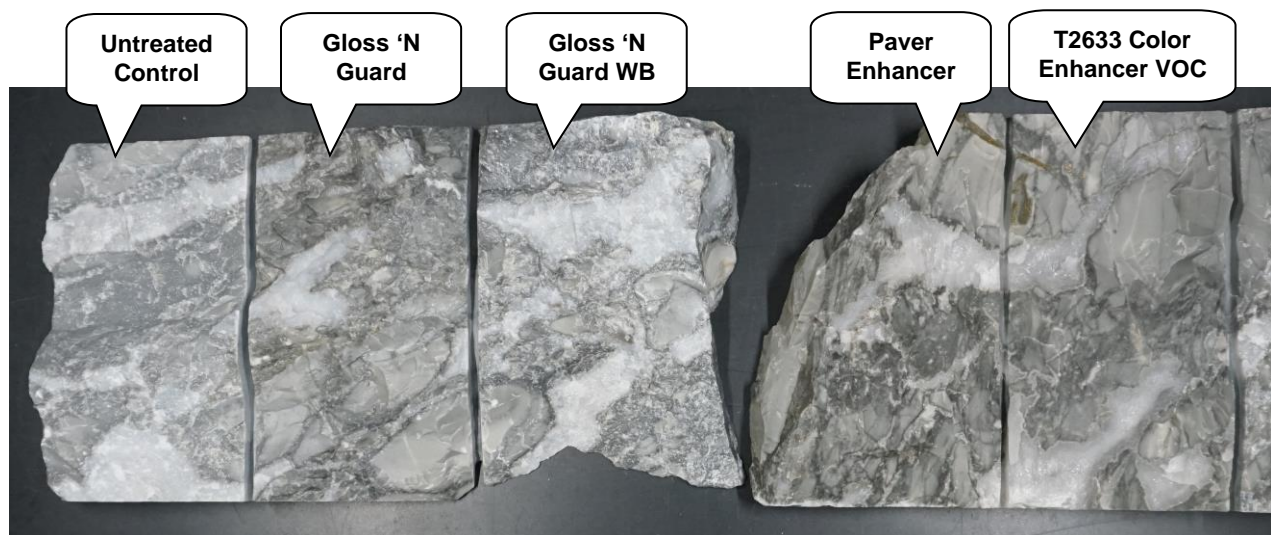




**TEST RESULTS AND PHOTOGRAPHS: Color and Sheen Enhancement (cont.)**

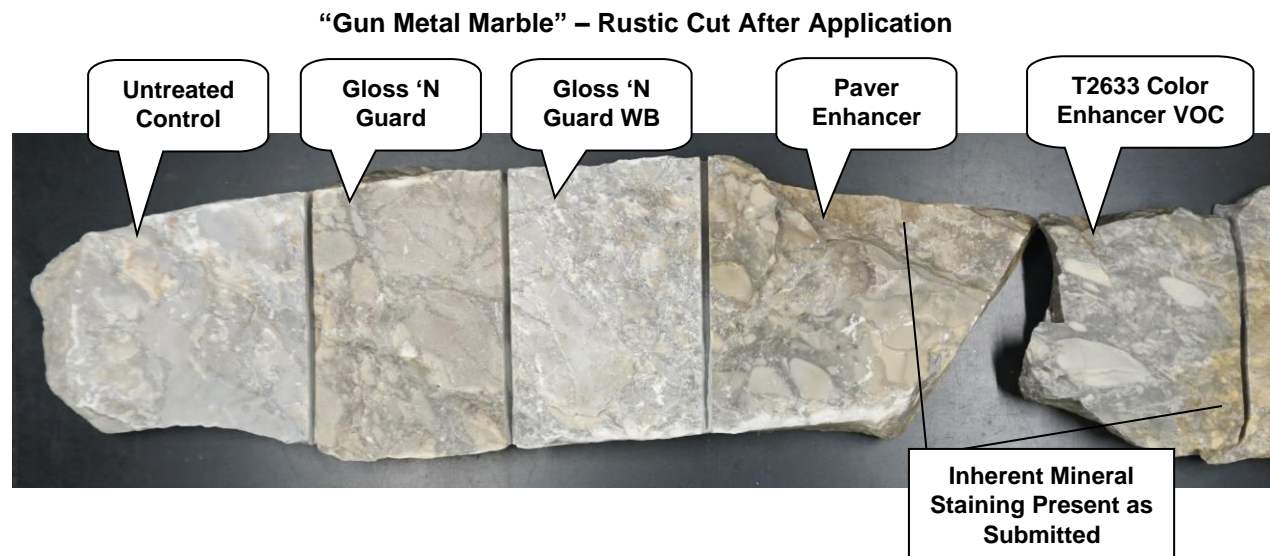
<b>"Gun Metal Marble Mixed" – Castle Cut</b>	<b>Color Enhancement</b>	<b>Sheen Enhancement</b>
Sure Klean® Weather Seal Gloss 'N Guard	2	1
Sure Klean® Weather Seal Gloss 'N Guard WB	1	2
Sure Klean® Weather Seal Paver Enhancer	2	0
PROSOCO® T2633 Color Enhancer VOC	2	0

**"Gun Metal Marble Mixed" – Castle Cut After Application**



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

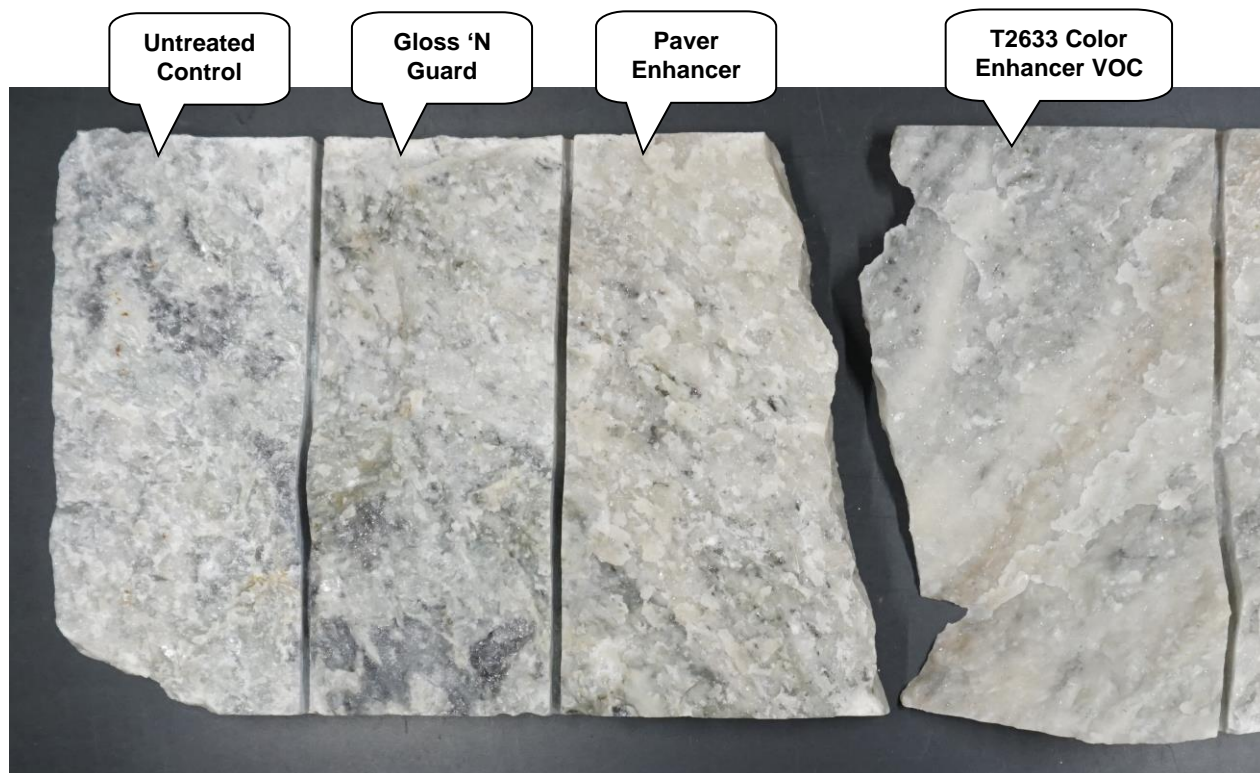
<b>"Gun Metal Marble" – Rustic Cut</b>	<b>Color Enhancement</b>	<b>Sheen Enhancement</b>
Sure Klean® Weather Seal Gloss 'N Guard	2	1
Sure Klean® Weather Seal Gloss 'N Guard WB	1	2
Sure Klean® Weather Seal Paver Enhancer	2	0
PROSOCO® T2633 Color Enhancer VOC	2	0



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

<b>"Misty Gray Marble" – Castle Cut</b>	<b>Color Enhancement</b>	<b>Sheen Enhancement</b>
Sure Klean® Weather Seal Gloss 'N Guard	2	1
Sure Klean® Weather Seal Paver Enhancer	2	0
PROSOCO® T2633 Color Enhancer VOC	2	0

**"Misty Gray Marble" – Castle Cut After Application**





## **CONCLUSIONS – Color and Sheen Enhancement**

The treatments evaluated provided a range of color and sheen enhancement results, from a slight change in appearance to a significant change depending on the treatment and substrate.

Application of Sure Klean® Weather Seal Gloss 'N Guard often resulted in moderate color enhancement and slight sheen enhancement, while application of Sure Klean® Weather Seal Gloss 'N Guard WB often resulted in slight color enhancement and slight to moderate sheen enhancement.

Application of Sure Klean® Weather Seal Paver Enhancer and PROSOCO® T2633 Color Enhancer VOC often resulted in moderate to significant color enhancement. No sheen enhancement was observed with either of these treatments.

Please refer to pages 19-32 of the report for individual recommendations based on the desired result.

Enhancement levels may vary by substrate, color, lightning, 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 natural stone submitted by Kafka Granite, Mosinee, WI are provided in the chart below. Recommendations are based on the treatment(s) that proved most effective.

Sample	Color and Sheen Enhancement
"Ebony Glitter" – Castle Cut	Please refer to pages 19-32 of the report for individual recommendations based on the desired result.
"Galaxy Glitter" – Castle Cut	
"Sedona Glitter" – Castle Cut	
"Harvest Gold Sandstone" – Castle Cut	
"Imperial Gray Granite" – Castle Cut	
"Sierra Granite" – Dimensional Cut	
"Sierra Granite" – Rustic Cut	
"Starlight Black Granite" – Castle Cut	
"Wisconsin Granite Fieldstone" – Round Side Out Cut	
"Gun Metal Marble Mixed" – Castle Cut	
"Gun Metal Marble" – Rustic Cut	
"Misty Gray Marble" – Castle Cut	

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: 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:

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

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: Vertical RILEM II.4, 5.0 milliliters, 20 minutes

AA = Above Average    A = Average

BA = Below Average

"Ebony Glitter" – Castle Cut	Results in mL loss	Ranking
Untreated Control	-0.0	--
Sure Klean® Weather Seal Natural Stone Treatment VOC	-0.0	<u>AA</u>
PROSOCO® SL100® Water Repellent	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
PROSOCO® Saltguard WB	-0.0	<u>AA</u>
Sure Klean® Weather Seal Paver Enhancer	-0.0	<u>AA</u>
PROSOCO® T2633 Color Enhancer VOC	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard & Graffiti Control Ultra 15	-0.0	<u>AA</u>
PROSOCO® T2676 Graffiti Control WB 15	-0.0	<u>AA</u>

"Galaxy Glitter" – Castle Cut	Results in mL loss	Ranking
Untreated Control	-0.1	--
Sure Klean® Weather Seal Natural Stone Treatment VOC	-0.0	<u>AA</u>
PROSOCO® SL100® Water Repellent	-0.0	<u>AA</u>
Sure Klean® Weather Seal Siloxane PD	-0.0	<u>AA</u>
PROSOCO® Saltguard WB	-0.0	<u>AA</u>
Sure Klean® Weather Seal Paver Enhancer	-0.0	<u>AA</u>
PROSOCO® T2633 Color Enhancer VOC	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard & Graffiti Control	-0.0	<u>AA</u>
Sure Klean® Weather Seal Blok-Guard & Graffiti Control Ultra 15	-0.0	<u>AA</u>
PROSOCO® T2676 Graffiti Control WB 15	-0.0	<u>AA</u>

**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

<b>"Sedona Glitter" – Castle Cut</b>	<b>Results in mL loss</b>	<b><u>Ranking</u></b>
Untreated Control	-0.0	--
Sure Klean® Weather Seal Natural Stone Treatment VOC	-0.0	<b><u>AA</u></b>
PROSOCO® SL100® Water Repellent	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Siloxane PD	-0.0	<b><u>AA</u></b>
PROSOCO® Saltguard WB	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Paver Enhancer	-0.0	<b><u>AA</u></b>
PROSOCO® T2633 Color Enhancer VOC	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Blok-Guard & Graffiti Control	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Blok-Guard & Graffiti Control Ultra 15	-0.0	<b><u>AA</u></b>
PROSOCO® T2676 Graffiti Control WB 15	-0.0	<b><u>AA</u></b>

<b>"Harvest Gold Sandstone" – Castle Cut</b>	<b>Results in mL loss</b>	<b><u>Ranking</u></b>
Untreated Control	-3.0	--
Sure Klean® Weather Seal Natural Stone Treatment VOC	-0.0	<b><u>AA</u></b>
PROSOCO® SL100® Water Repellent	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Siloxane PD	-0.0	<b><u>AA</u></b>
PROSOCO® Saltguard WB	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Paver Enhancer	-0.0	<b><u>AA</u></b>
PROSOCO® T2633 Color Enhancer VOC	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Blok-Guard & Graffiti Control	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Blok-Guard & Graffiti Control Ultra 15	-0.0	<b><u>AA</u></b>
PROSOCO® T2676 Graffiti Control WB 15	-0.0	<b><u>AA</u></b>

<b>"Imperial Gray Granite" – Castle Cut</b>	<b>Results in mL loss</b>	<b><u>Ranking</u></b>
Untreated Control	-0.0	--
Sure Klean® Weather Seal Natural Stone Treatment VOC	-0.0	<b><u>AA</u></b>
PROSOCO® SL100® Water Repellent	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Paver Enhancer	-0.0	<b><u>AA</u></b>
PROSOCO® T2633 Color Enhancer VOC	-0.0	<b><u>AA</u></b>



**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

<b>"Sierra Granite" – Dimensional Cut</b>	<b>Results in mL loss</b>	<b><u>Ranking</u></b>
Untreated Control	-0.0	--
Sure Klean® Weather Seal Natural Stone Treatment VOC	-0.0	<b><u>AA</u></b>
PROSOCO® SL100® Water Repellent	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Paver Enhancer	-0.0	<b><u>AA</u></b>
PROSOCO® T2633 Color Enhancer VOC	-0.0	<b><u>AA</u></b>

<b>"Sierra Granite" – Rustic Cut</b>	<b>Results in mL loss</b>	<b><u>Ranking</u></b>
Untreated Control	-0.0	--
Sure Klean® Weather Seal Natural Stone Treatment VOC	-0.0	<b><u>AA</u></b>
PROSOCO® SL100® Water Repellent	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Paver Enhancer	-0.0	<b><u>AA</u></b>
PROSOCO® T2633 Color Enhancer VOC	-0.0	<b><u>AA</u></b>

<b>"Starlight Black Granite" – Castle Cut</b>	<b>Results in mL loss</b>	<b><u>Ranking</u></b>
Untreated Control	-0.0	--
Sure Klean® Weather Seal Natural Stone Treatment VOC	-0.0	<b><u>AA</u></b>
PROSOCO® SL100® Water Repellent	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Paver Enhancer	-0.0	<b><u>AA</u></b>
PROSOCO® T2633 Color Enhancer VOC	-0.0	<b><u>AA</u></b>

<b>"Wisconsin Granite Fieldstone" – Round Side Out Cut</b>	<b>Results in mL loss</b>	<b><u>Ranking</u></b>
Untreated Control	-0.0	--
Sure Klean® Weather Seal Natural Stone Treatment VOC	-0.0	<b><u>AA</u></b>
PROSOCO® SL100® Water Repellent	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Paver Enhancer	-0.0	<b><u>AA</u></b>
PROSOCO® T2633 Color Enhancer VOC	-0.0	<b><u>AA</u></b>

**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

<b>"Gun Metal Marble Mixed" – Castle Cut</b>	<b>Results in mL loss</b>	<b><u>Ranking</u></b>
Untreated Control	-0.0	--
Sure Klean® Weather Seal Natural Stone Treatment VOC	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Paver Enhancer	-0.0	<b><u>AA</u></b>
PROSOCO® T2633 Color Enhancer VOC	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Blok-Guard & Graffiti Control	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Blok-Guard & Graffiti Control Ultra 15	-0.0	<b><u>AA</u></b>
PROSOCO® T2676 Graffiti Control WB 15*	-0.0	<b><u>AA</u></b>

<b>"Gun Metal Marble" – Rustic Cut</b>	<b>Results in mL loss</b>	<b><u>Ranking</u></b>
Untreated Control	-0.0	--
Sure Klean® Weather Seal Natural Stone Treatment VOC	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Paver Enhancer	-0.0	<b><u>AA</u></b>
PROSOCO® T2633 Color Enhancer VOC	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Blok-Guard & Graffiti Control	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Blok-Guard & Graffiti Control Ultra 15	-0.0	<b><u>AA</u></b>
PROSOCO® T2676 Graffiti Control WB 15*	-0.0	<b><u>AA</u></b>

<b>"Misty Gray Marble" – Castle Cut</b>	<b>Results in mL loss</b>	<b><u>Ranking</u></b>
Untreated Control	-0.0	--
Sure Klean® Weather Seal Natural Stone Treatment VOC	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Paver Enhancer	-0.0	<b><u>AA</u></b>
PROSOCO® T2633 Color Enhancer VOC	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Blok-Guard & Graffiti Control	-0.0	<b><u>AA</u></b>
Sure Klean® Weather Seal Blok-Guard & Graffiti Control Ultra 15	-0.0	<b><u>AA</u></b>
PROSOCO® T2676 Graffiti Control WB 15*	-0.0	<b><u>AA</u></b>

**\*NOTE:** Per the product data sheet instructions, the marble samples were treated with Sure Klean® Weather Seal Natural Stone Treatment VOC followed by PROSOCO® T2676 Graffiti Control WB 15.

## **CONCLUSIONS: Protective Water Repellents**

Based on the laboratory evaluations, all of the treatments provided good water repellent protection to the submitted natural stone samples. Although most of the untreated areas in the 20 minute RILEM test absorbed very little to no water, the treatments will likely provide long-term water repellent protection and help to prevent water-related staining.

Application of Sure Klean® Weather Seal Natural Stone Treatment VOC or Sure Klean® Weather Seal Blok-Guard & Graffiti Control often resulted in a slight to moderate change to the appearance of the submitted samples.

Application of PROSOCO® SL100® Water Repellent, Sure Klean® Weather Seal Siloxane PD, or PROSOCO® Saltguard WB often resulted in slight to no change to the appearance of the submitted samples.

Application of Sure Klean® Weather Seal Blok-Guard & Graffiti Control Ultra 15 resulted in a moderate change to the appearance of the submitted samples. Sheen enhancement was observed on the “Gun Metal Marble Mixed” – Castle Cut and “Gun Metal Marble” – Rustic Cut samples.

Application of PROSOCO® T2676 Graffiti Control WB 15 often resulted in a slight change to the appearance of the submitted samples.

Please refer to the “Color and Sheen Enhancement” section of the report for Sure Klean® Weather Seal Paver Enhancer and PROSOCO® T2633 Color Enhancer VOC appearance information.

## RECOMMENDATIONS: Protective Water Repellents

Recommendations for water repellency for each type of natural stone submitted by Kafka Granite, Mosinee, WI are provided in the chart below. Recommendations are based on the treatment(s) that proved most effective.

Sample	Water Repellency
"Ebony Glitter" – Castle Cut	Sure Klean® Weather Seal Natural Stone Treatment VOC OR PROSOCO® SL100® Water Repellent OR Sure Klean® Weather Seal Siloxane PD OR PROSOCO® Saltguard WB OR Sure Klean® Weather Seal Paver Enhancer OR PROSOCO® T2633 Color Enhancer VOC OR Sure Klean® Weather Seal Blok-Guard & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard & Graffiti Control Ultra 15 OR PROSOCO® T2676 Graffiti Control WB 15
"Galaxy Glitter" – Castle Cut	
"Sedona Glitter" – Castle Cut	
"Harvest Gold Sandstone" – Castle Cut	
"Imperial Gray Granite" – Castle Cut	Sure Klean® Weather Seal Natural Stone Treatment VOC OR PROSOCO® SL100® Water Repellent OR Sure Klean® Weather Seal Paver Enhancer OR PROSOCO® T2633 Color Enhancer VOC
"Sierra Granite" – Dimensional Cut	
"Sierra Granite" – Rustic Cut	
"Starlight Black Granite" – Castle Cut	
"Wisconsin Granite Fieldstone" – Round Side Out Cut	
"Gun Metal Marble Mixed" – Castle Cut	Sure Klean® Weather Seal Natural Stone Treatment VOC OR Sure Klean® Weather Seal Paver Enhancer OR PROSOCO® T2633 Color Enhancer VOC OR Sure Klean® Weather Seal Blok-Guard & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard & Graffiti Control Ultra 15 OR PROSOCO® T2676 Graffiti Control WB 15*
"Gun Metal Marble" – Rustic Cut	
"Misty Gray Marble" – Castle Cut	

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.

**\*NOTE: Per the product data sheet instructions, the marble samples were treated with Sure Klean® Weather Seal Natural Stone Treatment VOC followed by PROSOCO® T2676 Graffiti Control WB 15.**

## 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® on siliceous samples (quartzite, sandstone, and granite), Enviro Klean® SafStrip® 8 on calcareous samples (marble), and Sure Klean® Graffiti Remover on both types of samples.

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® (where appropriate) .....	30 minutes
SafStrip® 8 (where appropriate) .....	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.

**NOTE: Due to the porosity of the sandstone samples, a second application of each treatment was applied to provide maximum graffiti protection in accordance with the current PROSOCO, Inc. Product Data Sheet instructions.**



**TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance**

<b>“Ebony Glitter” – Castle Cut</b>				
<b>Untreated Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	7	5	7	6.3
Graffiti Remover	7	7	5	6.3
<b>Blok-Guard® &amp; Graffiti Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	7	3	10	6.7
Graffiti Remover	9	8	10	9.0
<b>Blok-Guard® &amp; Graffiti Control Ultra 15</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	8	5	10	7.7
Graffiti Remover	10	9	10	9.7
<b>T2676 Graffiti Control WB 15</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	9	9	10	9.3
Graffiti Remover	9	9	10	9.3
<b>Sacrificial Coating SC-1</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	9	9	10	9.3
Graffiti Remover	9	9	10	9.3

**TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)**

<b>“Galaxy Glitter” – Castle Cut</b>				
<b>Untreated Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	7	7	6	6.7
Graffiti Remover	7	5	3	5.0
<b>Blok-Guard® &amp; Graffiti Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	8	7	10	8.3
Graffiti Remover	8	7	8	7.7
<b>Blok-Guard® &amp; Graffiti Control Ultra 15</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	8	7	10	8.3
Graffiti Remover	8	7	10	8.3
<b>T2676 Graffiti Control WB 15</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	9	9	10	9.3
Graffiti Remover	9	9	10	9.3
<b>Sacrificial Coating SC-1</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	9	9	10	9.3
Graffiti Remover	9	9	10	9.3

**TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)**

<b>"Sedona Glitter" – Castle Cut</b>				
<b>Untreated Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	7	6	7	6.7
Graffiti Remover	7	7	5	6.3
<b>Blok-Guard® &amp; Graffiti Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	8	8	10	8.7
Graffiti Remover	9	8	10	9.0
<b>Blok-Guard® &amp; Graffiti Control Ultra 15</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	9	8	10	9.0
Graffiti Remover	9	9	10	9.3
<b>T2676 Graffiti Control WB 15</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	9	9	10	9.3
Graffiti Remover	9	9	10	9.3
<b>Sacrificial Coating SC-1</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	9	9	10	9.3
Graffiti Remover	9	9	10	9.3

**TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)**

<b>"Harvest Gold Sandstone" – Castle Cut</b>				
<b>Untreated Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	3	3	3	3.0
Graffiti Remover	3	3	3	3.0
<b>Blok-Guard® &amp; Graffiti Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	7	5	7	6.3
Graffiti Remover	8	7	7	7.3
<b>Blok-Guard® &amp; Graffiti Control Ultra 15</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	8	7	9	8.0
Graffiti Remover	9	8	10	9.0
<b>T2676 Graffiti Control WB 15</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	7	8	7	7.3
Graffiti Remover	8	8	7	7.7
<b>Sacrificial Coating SC-1</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	9	9	9	9.0
Graffiti Remover	9	9	9	9.0

**NOTE:** Due to the porosity of the sandstone samples, a second application of each treatment was applied to provide maximum graffiti protection in accordance with the current PROSOCO, Inc. Product Data Sheet instructions.

**TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)**

<b>"Imperial Gray Granite" – Castle Cut</b>				
<b>Untreated Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	5	5	9	6.3
Graffiti Remover	7	7	7	7.0
<b>Sacrificial Coating SC-1</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	8	8	10	8.7
Graffiti Remover	9	9	10	9.3

<b>"Sierra Granite" – Dimensional Cut</b>				
<b>Untreated Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	1	3	10	4.7
Graffiti Remover	8	8	7	7.7
<b>Sacrificial Coating SC-1</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	9	9	10	9.3
Graffiti Remover	10	10	10	10.0

<b>"Sierra Granite" – Rustic Cut</b>				
<b>Untreated Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	3	3	10	5.3
Graffiti Remover	8	8	9	8.3
<b>Sacrificial Coating SC-1</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	9	9	10	9.3
Graffiti Remover	10	10	10	10.0



**TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)**

<b>“Starlight Black Granite” – Castle Cut</b>				
<b>Untreated Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	7	5	9	<b>7.0</b>
Graffiti Remover	8	8	9	<b>8.3</b>
<b>Sacrificial Coating SC-1</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	9	9	10	<b>9.3</b>
Graffiti Remover	10	10	10	<b>10.0</b>

<b>“Wisconsin Granite Fieldstone” – Round Side Out Cut</b>				
<b>Untreated Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	3	3	9	<b>5.0</b>
Graffiti Remover	8	8	7	<b>7.7</b>
<b>Sacrificial Coating SC-1</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip®	9	9	10	<b>9.3</b>
Graffiti Remover	10	10	10	<b>10.0</b>

**TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)**

<b>“Gun Metal Marble Mixed” – Castle Cut</b>				
<b>Untreated Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip® 8	6	6	8	6.7
Graffiti Remover	7	7	8	7.3
<b>Blok-Guard® &amp; Graffiti Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip® 8	9	7	10	8.7
Graffiti Remover	9	8	10	9.0
<b>Blok-Guard® &amp; Graffiti Control Ultra 15</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip® 8	9	7	10	8.7
Graffiti Remover	10	8	10	9.3
<b>T2676 Graffiti Control WB 15*</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip® 8	10	8	10	9.3
Graffiti Remover	10	10	10	10.0
<b>Sacrificial Coating SC-1</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip® 8	9	8	10	9.0
Graffiti Remover	9	10	10	9.7

**\*NOTE:** Per the product data sheet instructions, the marble samples were treated with Sure Klean® Weather Seal Natural Stone Treatment VOC followed by PROSOCO® T2676 Graffiti Control WB 15.

**TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)**

<b>“Gun Metal Marble” – Rustic Cut</b>				
<b>Untreated Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip® 8	7	5	7	6.3
Graffiti Remover	7	7	7	7.0
<b>Blok-Guard® &amp; Graffiti Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip® 8	9	5	10	8.0
Graffiti Remover	9	8	10	9.0
<b>Blok-Guard® &amp; Graffiti Control Ultra 15</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip® 8	10	8	10	9.3
Graffiti Remover	10	10	10	10.0
<b>T2676 Graffiti Control WB 15*</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip® 8	10	6	10	8.7
Graffiti Remover	9	10	10	9.7
<b>Sacrificial Coating SC-1</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip® 8	8	8	10	8.7
Graffiti Remover	9	9	10	9.3

**\*NOTE:** Per the product data sheet instructions, the marble samples were treated with Sure Klean® Weather Seal Natural Stone Treatment VOC followed by PROSOCO® T2676 Graffiti Control WB 15.

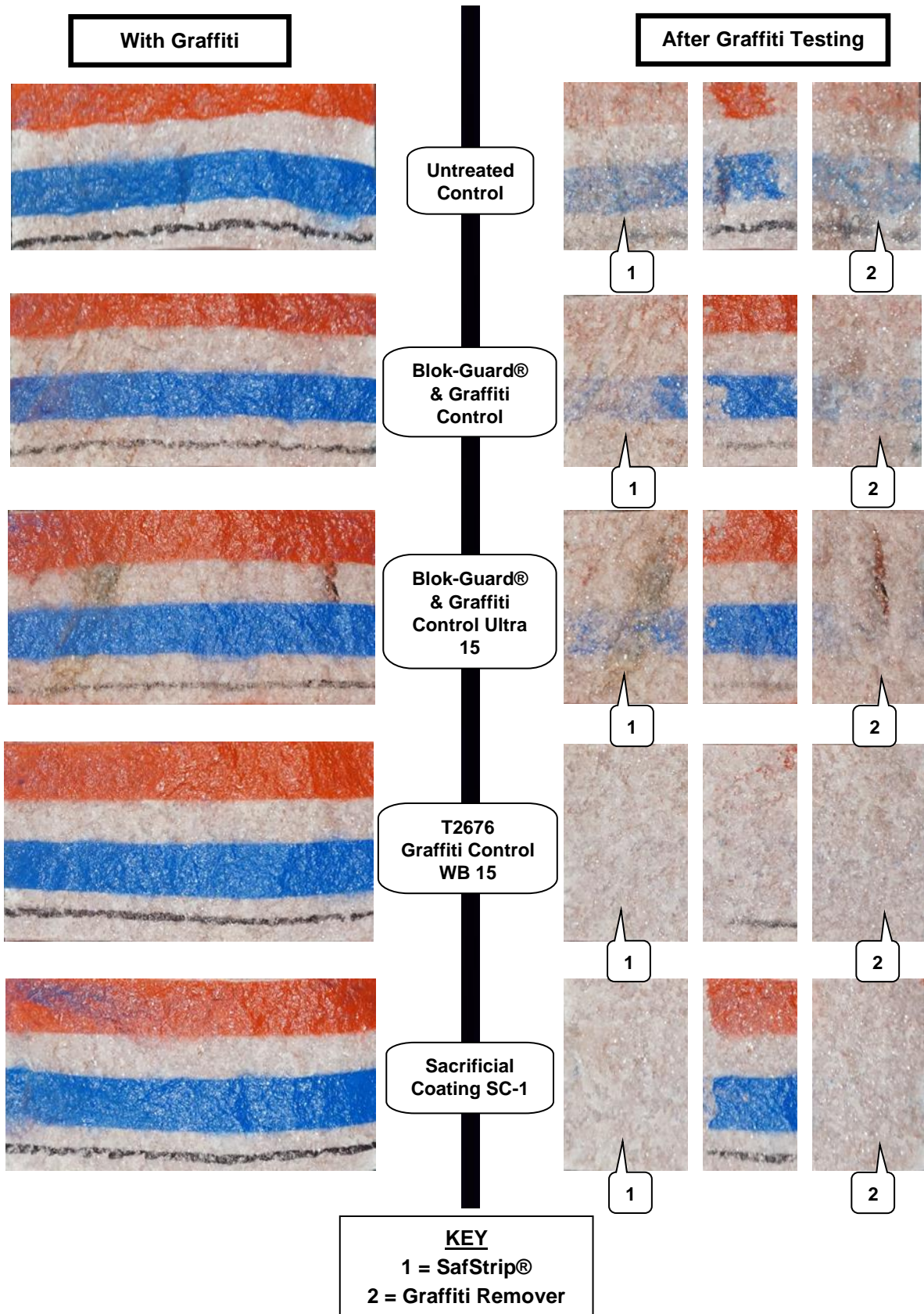
**TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)**

<b>"Misty Gray Marble" – Castle Cut</b>				
<b>Untreated Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip® 8	7	6	5	6.0
Graffiti Remover	7	6	7	6.7
<b>Blok-Guard® &amp; Graffiti Control</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip® 8	9	7	10	8.7
Graffiti Remover	9	8	9	8.7
<b>Blok-Guard® &amp; Graffiti Control Ultra 15</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip® 8	10	9	10	9.7
Graffiti Remover	10	10	10	10.0
<b>T2676 Graffiti Control WB 15*</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip® 8	9	8	10	9.0
Graffiti Remover	10	10	10	10.0
<b>Sacrificial Coating SC-1</b>	<b>Red Paint</b>	<b>Blue Paint</b>	<b>Black Marker</b>	<b>Avg. Rating</b>
SafStrip® 8	9	9	10	9.3
Graffiti Remover	9	9	9	9.0

**\*NOTE:** Per the product data sheet instructions, the marble samples were treated with Sure Klean® Weather Seal Natural Stone Treatment VOC followed by PROSOCO® T2676 Graffiti Control WB 15.

**TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)**

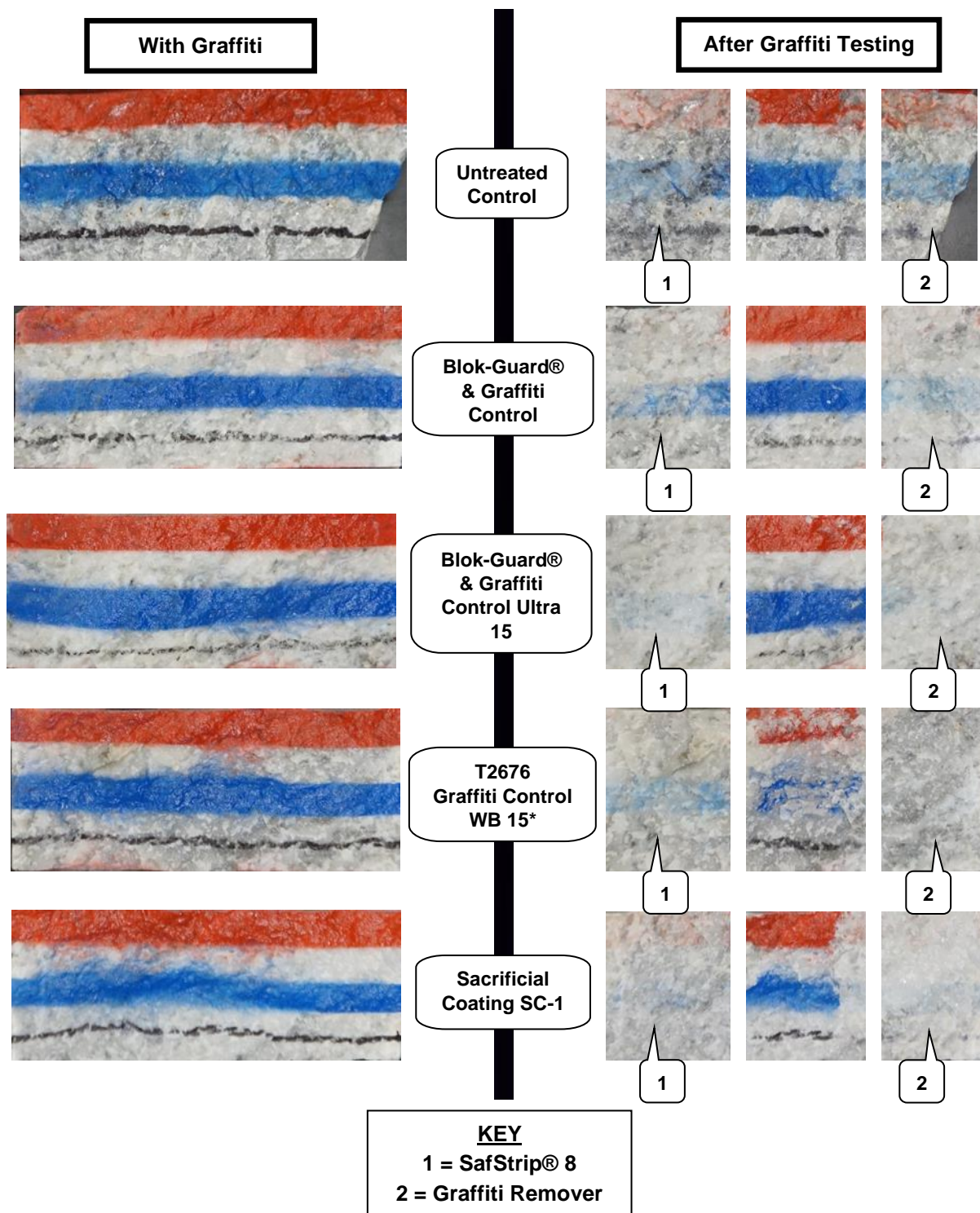
**“Sedona Glitter” – Castle Cut**





**TEST RESULTS AND PHOTOGRAPHS: Graffiti Resistance (cont.)**

**“Misty Gray Marble” – Castle Cut**



**\*NOTE:** Per the product data sheet instructions, the marble samples were treated with Sure Klean® Weather Seal Natural Stone Treatment VOC followed by PROSOCO® T2676 Graffiti Control WB 15.



## CONCLUSIONS: Graffiti Resistance

Based on the laboratory evaluations, graffiti removal was improved with all four treatments.

Enviro Klean® SafStrip®, Enviro Klean® SafStrip® 8, and Sure Klean® Graffiti Remover were all effective in removing graffiti from the submitted samples. However, Sure Klean® Graffiti Remover was the most effective.

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 natural stone submitted by Kafka Granite, Mosinee, WI 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
"Ebony Glitter" – Castle Cut	<p style="text-align: center;"><b><u>Graffiti Repellents</u></b></p> <p style="text-align: center;">Sure Klean® Weather Seal Blok-Guard &amp; Graffiti Control OR Sure Klean® Weather Seal Blok-Guard &amp; Graffiti Control Ultra 15 OR PROSOCO® T2676 Graffiti Control WB 15 OR Sure Klean® Weather Seal Sacrificial Coating SC-1</p> <p style="text-align: center;"><b><u>Graffiti Removers</u></b></p> <p style="text-align: center;"><sup>1</sup>Sure Klean® Graffiti Remover OR <sup>2</sup>Enviro Klean® SafStrip®</p>
"Galaxy Glitter" – Castle Cut	
"Sedona Glitter" – Castle Cut	
"Harvest Gold Sandstone" – Castle Cut	

NOTE: "1" indicates the most effective product and "2" indicates the second most effective product.

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.

# RECOMMENDATIONS: Graffiti Resistance (cont.)

Recommendations for graffiti resistance for each type of natural stone submitted by Kafka Granite, Mosinee, WI 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
"Imperial Gray Granite" – Castle Cut	<p><b><u>Graffiti Repellents</u></b>  Sure Klean® Weather Seal Sacrificial Coating SC-1</p> <p><b><u>Graffiti Removers</u></b>  <sup>1</sup>Sure Klean® Graffiti Remover  OR  <sup>2</sup>Enviro Klean® SafStrip®</p>
"Sierra Granite" – Dimensional Cut	
"Sierra Granite" – Rustic Cut	
"Starlight Black Granite" – Castle Cut	
"Wisconsin Granite Fieldstone" – Round Side Out Cut	
"Gun Metal Marble Mixed" – Castle Cut	<p><b><u>Graffiti Repellents</u></b>  Sure Klean® Weather Seal Blok-Guard &amp; Graffiti Control  OR  Sure Klean® Weather Seal Blok-Guard &amp; Graffiti Control Ultra 15  OR  PROSOCO® T2676 Graffiti Control WB 15  OR  Sure Klean® Weather Seal Sacrificial Coating SC-1</p> <p><b><u>Graffiti Removers</u></b>  <sup>1</sup>Sure Klean® Graffiti Remover  OR  <sup>2</sup>Enviro Klean® SafStrip® 8</p>
"Gun Metal Marble" – Rustic Cut	
"Misty Gray Marble" – Castle Cut	

NOTE: "1" indicates the most effective product and "2" indicates the second most effective product.

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.



J. Lucas Comadoll  
QC/Project Testing Technician

**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.