

**OVERVIEW OF TESTING CONDUCTED BY PROSOCO, Inc.**  
**FOR COUNTY MATERIALS CORP., APPLETON, WI**

**PROJECT No. 0304-14**

Eighteen integrally colored rough-face concrete blocks, three integrally colored “Holland pavers”, and three integrally colored “Heritage concrete bricks”, all with large, small, and fine aggregate were submitted for testing using PROSOCO’s new construction cleaning and water repellent products. **New construction cleaning** was performed using PROSOCO’s new construction cleaners to evaluate effective removal of excess mortar and related new construction soiling. **Color Uniformity** of all samples was evaluated in conjunction with the cleaning testing to determine the optimal dilutions of PROSOCO’s new construction cleaners to provide a uniform appearance using the following criteria: aggregate exposure and surface pigment alteration/removal. **Protective water repellent** testing was performed to evaluate water repellency provided by PROSOCO’s water repellents. **Graffiti Control** testing was evaluated on the block and brick samples to determine which PROSOCO product(s) are most effective at repelling and facilitating the removal of graffiti; in addition to determining the most effective product to remove graffiti from treated and untreated samples. **Stain Repellency** testing was conducted on the pavers to determine which PROSOCO product(s) are most effective at repelling and facilitating the removal of stains. **Color Enhancement** evaluation was based on the ability of PROSOCO product(s) to enhance the natural color of the submitted paver samples.

The attached report provides information about the PROSOCO products tested and descriptions of the test methods. The report includes test results as well as conclusions and recommendations. Recommendations for cleaning, color uniformity, water repellent, graffiti control, stain repellency, and color enhancement treatments for each type masonry unit are also provided in the chart below.

<b>Rough face CMU’s with Rheapel</b>				
<b>Sample</b>	<b>New Construction Cleaning</b> (Type S, 14 day cleaning)	<b>Color Uniformity</b>	<b>Water Repellent</b>	<b>Graffiti Control</b> (treatment/remover)
“Premium Cream”	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Sealer	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
				Defacer Eraser® Graffiti Wipe
“ Premium White”			Sure Klean® Weather Seal Natural Stone Treatment WB	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
	Sure Klean® Fast Acting Stripper <b>OR</b> Defacer Eraser® Graffiti Wipe			
“Premium Bisque”	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Custom Masonry Sealer <b>OR</b> Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
				Sure Klean® Fast Acting Stripper
“Premium Sienna Cream”	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Sealer	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
				Defacer Eraser® Graffiti Wipe
“Premium Salt and Pepper”	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Sealer	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
				Defacer Eraser® Graffiti Wipe

**Rough face CMU's with Rheopel**

<b>Sample</b>	<b>New Construction Cleaning</b> (Type S, 14 day cleaning)	<b>Color Uniformity</b>	<b>Water Repellent</b>	<b>Graffiti Control</b> (treatment/remover)
<b>“Natural Gray”</b>	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Natural Stone Treatment WB	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
<b>“Brown”</b>	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Custom Masonry Sealer OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9), (1:14)	
<b>“Dark Chocolate”</b>			Sure Klean® Custom Masonry Sealer OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	
<b>“Red Clay”</b>	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	Defacer Eraser® Graffiti Wipe
<b>“Adobe”</b>			Sure Klean® Custom Masonry Sealer	
<b>“Buff”</b>			Sure Klean® Weather Seal Natural Stone Treatment WB	
<b>“Charcoal”</b>			Sure Klean® Weather Seal Siloxane WB Concentrate (1:14)	
<b>“Tumbleweed”</b>	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Weather Seal Natural Stone Treatment WB	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
<b>“Espresso”</b>			Sure Klean® Custom Masonry Sealer OR Sure Klean® Weather Seal Natural Stone Treatment WB	Sure Klean® Fast Acting Stripper
<b>“Coral Brown”</b>	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Natural Stone Treatment WB	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
<b>“Mocha”</b>			Sure Klean® Custom Masonry Sealer OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	Defacer Eraser® Graffiti Wipe
<b>“Autumn Red”</b>			Sure Klean® Custom Masonry Sealer OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9), (1:14) OR Sure Klean® Weather Seal Natural Stone Treatment WB	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
<b>“Crimson”</b>	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) OR Sure Klean® Weather Seal Natural Stone Treatment WB	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
				Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe

<b>Holland Pavers with MB KolorKure</b>					
<b>Sample</b>	<b>Cleaning</b>	<b>Color Uniformity</b>	<b>Water Repellent</b>	<b>Stain Repellency (treatment/ maintenance cleaner*)</b>	<b>Color Enhancement</b>
<b>“Royal Sunset”</b>	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Paver Enhancer	Stand Off® Stone Tile and Masonry Protector	Sure Klean® Paver Enhancer
<b>“Iron River”</b>	Sure Klean® Burnished Custom Masonry Cleaner (1:3)	Sure Klean® Burnished Custom Masonry Cleaner (1:3)		Stand Off® SLX100 Water & Oil Repellent	
<b>“Desert Sand”</b>				Stand Off® Stone Tile and Masonry Protector	
<b>Heritage Concrete Bricks with Rheopel</b>					
<b>Sample</b>	<b>New Construction Cleaning (Type S, 14 day cleaning)</b>	<b>Color Uniformity</b>	<b>Water Repellent</b>	<b>Graffiti Control (treatment/remover)</b>	
<b>“Coffee Blend Medium”</b>	Sure Klean® Burnished Custom Masonry Cleaner (1:3)	Sure Klean® Burnished Custom Masonry Cleaner (1:3)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:14)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	
<b>“Cardinal Blend Medium”</b>			Sure Klean® Custom Masonry Sealer	Defacer Eraser® Graffiti Wipe	
<b>“Ash Blend Medium”</b>					

\* The maintenance cleaner recommendation for all Holland pavers is Enviro Klean® 2010 All Surface Cleaner diluted 1 part concentrate to 10 parts fresh water.

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, water repellent, or graffiti control products and procedures for a particular project. See product literature for additional application and safety information.