

**OVERVIEW OF TESTING CONDUCTED BY PROSOCO, Inc.  
FOR MICHIGAN CERTIFIED CONCRETE PRODUCTS, INC., GRAND RAPIDS, MI**

**PROJECT No. 0406-22**

Eighteen types of integrally colored CMU's, all with large, small and fine aggregate were submitted for testing using PROSOCO's new construction cleaning, water repellent products, and graffiti control products. **New construction cleaning** was performed to evaluate effective removal of excess mortar, and related new construction soiling. **Color Uniformity** was evaluated 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 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.

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 new construction cleaning, color uniformity, water repellent, and graffiti control treatments for each type are also provided in the chart below.

**RECOMMENDATIONS**

Samples Submitted	New Construction Cleaning (Type S mortar, 14 day)	Color Uniformity	Water Repellents
"Harvest" "Ruby Stone" "Slate" "Wheat" Split-face and Smooth-face CMU's	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	
"Pewter" "Ultra White" Split-face and Smooth-face CMU's	Sure Klean® Custom Masonry Cleaner (1:2), (1:4), or (1:6)	Sure Klean® Custom Masonry Cleaner (1:2), (1:4), or (1:6)	
All Submitted Ground-face CMU's	Sure Klean® Burnished Custom Masonry Cleaner (1:2) or (1:3)	Sure Klean® Burnished Custom Masonry Cleaner (1:2) or (1:3)	
"Slate" Split-face CMU			Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Siloxane WB Concentrate 1:9 OR Sure Klean® Weather Seal Siloxane WB Concentrate 1:14

Samples Submitted	Water Repellents	Graffiti Repellents	Graffiti Removers
"Slate" Split-face CMU	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Siloxane WB Concentrate 1:9 OR Sure Klean® Weather Seal Siloxane WB Concentrate 1:14		
"Pewter" Ground-face CMU	Sure Klean® Weather Seal Siloxane WB Concentrate 1:9 OR Sure Klean® Weather Seal Siloxane WB Concentrate 1:14 OR Sure Klean® Weather Seal Siloxane PD		
All Other Submitted CMU's	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Siloxane WB Concentrate 1:9 OR Sure Klean® Weather Seal Siloxane WB Concentrate 1:14 OR Sure Klean® Weather Seal Siloxane PD		
All Submitted CMU's		Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe

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.