

**OVERVIEW OF TESTING CONDUCTED BY PROSOCO, Inc.
FOR NITTERHOUSE MASONRY PRODUCTS, LLC, CHAMBERSBURG, PA**

PROJECT No. 0211-13

Three types of integrally colored split-face CMU's, four types of integrally colored ground-face CMU's, one type of matte-face CMU, two types of integrally colored split-face concrete brick, and two types of matte-face concrete brick 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 the submitted 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.

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. In addition, recommendations for cleaning, color uniformity, and water repellency treatments for each type masonry unit are provided in the chart below.

Sample	New Construction Cleaning (Type S, 14 day cleaning)	Color Uniformity	Water Repellent
Split-face CMU's			
"J90 Limestone Blend"	Sure Klean® Custom Masonry Cleaner (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:3)	Sure Klean® Custom Masonry Cleaner (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:3)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9), (1:14)
"J51 Dark Brown"			Sure Klean® Weather Seal Siloxane WB Concentrate (1:9), (1:14)
"J64 Burgundy"			Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
Ground-Face CMU's			
"J94 Gray"	Sure Klean® Custom Masonry Cleaner (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:3)	Sure Klean® Custom Masonry Cleaner (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:3)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9), (1:14) OR Sure Klean® Custom Masonry Sealer
"J30 Green"			Sure Klean® Custom Masonry Sealer
"J64 Burgundy"			Sure Klean® Weather Seal Siloxane WB Concentrate (1:9), (1:14) OR Sure Klean® Custom Masonry Sealer
"J81 Desert Tan"			Sure Klean® Weather Seal Siloxane WB Concentrate (1:9), (1:14) OR Sure Klean® Custom Masonry Sealer

Sample	New Construction Cleaning (Type S, 14 day cleaning)	Color Uniformity	Water Repellent
Matte-face CMU			
“A41 Beige”	Sure Klean® Custom Masonry Cleaner (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:3)	Sure Klean® Custom Masonry Cleaner (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:3)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9), (1:14)
Split-face Concrete Brick			
“A71 Glacier”	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9), (1:14)
“J94 Charcoal”			
Matte-face Concrete Brick			
“Beige Range”	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9), (1:14)
“Charcoal Range”			

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