

**OVERVIEW OF TESTING CONDUCTED BY PROSOCO, Inc.**  
**FOR BORAL BRICK – BESSEMER CITY PLANT, BESSEMER CITY, AL**

**PROJECT No. 0207-12**

Five different types of clay 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. **Surface Alterations** were 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. Recommendations for cleaning and water repellent treatments for each type masonry unit are also provided in the chart below.

Sample	New Construction Cleaning (Type N, 21 day cleaning)	Limiting Surface Alterations	Water Repellent
"Arlington Antique"	Sure Klean® Vana Trol (1:8)	Sure Klean® Vana Trol (1:8)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) or (1:14)
			Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
			Sure Klean® Weather Seal Siloxane PD
"Old Overton"	Sure Klean® Vana Trol (1:8)	Sure Klean® Vana Trol (1:8)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) or (1:14)
			Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
			Sure Klean® Weather Seal Siloxane PD
"Mt. Rushmore"	Sure Klean® Vana Trol (1:8)	Sure Klean® Vana Trol (1:8)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) or (1:14)
			Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
			Sure Klean® Weather Seal Siloxane PD
"Alamo"	Sure Klean® Vana Trol (1:8)	Sure Klean® Vana Trol (1:8)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) or (1:14)
			Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
			Sure Klean® Weather Seal Siloxane PD
"Chicago Antique"	Sure Klean® Vana Trol (1:8)	Sure Klean® Vana Trol (1:8)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) or (1:14)
			Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
			Sure Klean® Weather Seal Siloxane PD

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.