

**OVERVIEW OF TESTING CONDUCTED BY PROSOCO, Inc.**  
**FOR PORTSMOUTH BLOCK, PORTSMOUTH, OH**

**PROJECT No. 0205-13**

Five integrally colored concrete blocks; one fluted, three split-face, and one smooth-face 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** 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. Recommendations for cleaning and water repellent treatments for each type masonry unit are also provided in the chart below.

<b>Block</b>	<b>New Construction Cleaning (Type S, 14 day cleaning)</b>	<b>Color Uniformity</b>	<b>Water Repellent</b>
"Pewter" Smooth-face	Sure Klean <sup>®</sup> Custom Masonry Cleaner (1:6)	Sure Klean <sup>®</sup> Custom Masonry Cleaner (1:2)	Sure Klean <sup>®</sup> Custom Masonry Sealer
"Gray" Split-face	Sure Klean <sup>®</sup> Custom Masonry Cleaner (1:6)	Sure Klean <sup>®</sup> Custom Masonry Cleaner (1:4)	Sure Klean <sup>®</sup> Custom Masonry Sealer
"Gray" Fluted-rough	Sure Klean <sup>®</sup> Custom Masonry Cleaner (1:6)	Sure Klean <sup>®</sup> Custom Masonry Cleaner (1:6)	Sure Klean <sup>®</sup> Custom Masonry Sealer
	Sure Klean <sup>®</sup> Burnished Custom Masonry Cleaner (1:3)	Sure Klean <sup>®</sup> Burnished Custom Masonry Cleaner (1:2) (1:3)	
"Buff" Split-face	Sure Klean <sup>®</sup> Custom Masonry Cleaner (1:6)	Sure Klean <sup>®</sup> Custom Masonry Cleaner (1:6)	Sure Klean <sup>®</sup> Custom Masonry Sealer
"Buff" Double-split-face	Sure Klean <sup>®</sup> Custom Masonry Cleaner (1:6)	Sure Klean <sup>®</sup> Custom Masonry Cleaner (1:4)	Sure Klean <sup>®</sup> Custom Masonry Sealer
	Sure Klean <sup>®</sup> Burnished Custom Masonry Cleaner (1:3)		

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.