

OVERVIEW OF TESTING CONDUCTED BY PROSOCO, Inc.
FOR ROANOKE CONCRETE PRODUCTS, ROANOKE, IL

PROJECTS No. 0310-21

Eight types of concrete pavers, four types of CMU's, and four types of concrete wedgies (all with Dry-Blok) 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 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. **Color Enhancement** was evaluated for its ability to provide color enhancement to the submitted samples. **Graffiti Control** testing was evaluated on the submitted 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 submitted samples to determine which PROSOCO product(s) are most effective at repelling and facilitating the removal of stains.

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, color enhancement, graffiti control, and stain repellency treatments for each type masonry unit are also provided in the chart below.

Sample	New Construction Cleaning (Type S mortar, 14 day cleaning)	Color Uniformity	Water Repellent	Stain Repellency (treatment/ remover)	Color Enhancement
Concrete Pavers					
"Grey"	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Paver Enhancer OR Sure Klean® Weather Seal Siloxane PD	Stand Off® Stone, Tile and Masonry Protector	Stand Off® Gloss 'N Guard OR Sure Klean® Paver Enhancer
"Black/Grey"			Sure Klean® Paver Enhancer OR Consolideck® Saltguard® WB OR Sure Klean® Weather Seal Siloxane PD	Enviro Klean® 2010 All Surface Cleaner	
"Black/Red"				Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Stone, Tile and Masonry Protector	
"Charcoal"				Enviro Klean® 2010 All Surface Cleaner	
"Red"	Sure Klean® Burnished Custom Masonry Cleaner (1:2)	Sure Klean® Burnished Custom Masonry Cleaner (1:2)	Sure Klean® Paver Enhancer OR Consolideck® Saltguard® WB OR Sure Klean® Weather Seal Siloxane PD	Enviro Klean® 2010 All Surface Cleaner	
"Black/Copper"	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Paver Enhancer OR Consolideck® Saltguard® WB	Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Stone, Tile and Masonry Protector	
"Black/Tan"			Sure Klean® Paver Enhancer OR Consolideck® Saltguard® WB OR Sure Klean® Weather Seal Siloxane PD		

Sample	New Construction Cleaning (Type S mortar, 14 day cleaning)	Color Uniformity	Water Repellent	Stain Repellency (treatment/ remover)	Color Enhancement
"Tan"	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Paver Enhancer OR Consolideck® Saltguard® WB OR Sure Klean® Weather Seal Siloxane PD	Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Stone, Tile and Masonry Protector Enviro Klean® 2010 All Surface Cleaner	Stand Off® Gloss 'N Guard OR Sure Klean® Paver Enhancer
Sample	New Construction Cleaning (Type S mortar, 14 day cleaning)	Color Uniformity	Water Repellent	Graffiti Control (treatment/ remover)	
Concrete Masonry Units (CMU's)					
"RCL140072WR" (Beige) split-face	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Sealer OR Sure Klean® Siloxane WB (1:9) or (1:14) OR Sure Klean Weather Seal Siloxane PD	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	
"RC16045" (Red) split-face	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Custom Masonry Sealer OR Sure Klean® Siloxane WB (1:9) or (1:14) OR Sure Klean Weather Seal Siloxane PD	Sure Klean® Fast Acting Stripper OR Defacer Eraser Graffiti Wipe	
"RC201WR" (Charcoal) split-face				Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	
"RCL5545" (Orange) smooth-face	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)		Sure Klean® Fast Acting Stripper	

Sample	New Construction Cleaning (Type S mortar, 14 day cleaning)	Color Uniformity	Water Repellent	Stain Resistance (treatment/ remover)	Color Enhancement
Concrete Wedgies – split-face side					
“Grey”	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	Stand Off® Gloss 'N Guard OR Sure Klean® Paver Enhancer
“Tan”				Enviro Klean® 2010 All Surface Cleaner	
				Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Stone, Tile and Masonry Protector	
“Charcoal”				Enviro Klean® 2010 All Surface Cleaner	
“Brown”				Stand Off® Stone, Tile and Masonry Protector	
	Enviro Klean® 2010 All Surface Cleaner				
Concrete Wedgies – smooth-face tops					
“Grey”	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	Stand Off® Gloss 'N Guard OR Sure Klean® Paver Enhancer
“Tan”					
“Charcoal”				Enviro Klean® 2010 All Surface Cleaner	
“Brown”					

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.