

OVERVIEW OF TESTING CONDUCTED BY PROSOCO, Inc.
FOR CLAYTONS MASONRY CENTER, FREEHOLD, NJ

PROJECT No. 0206-21

Seven types of red clay brick units; four types of white colored concrete brick; and six integrally colored concrete pavers 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 white concrete brick and pavers 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. **Surface Alteration** on the red clay brick units was evaluated visually based upon perceived discoloration/etching of the submitted samples. **Protective water repellent** testing was performed to evaluate water repellency provided by PROSOCO's water repellents. **Graffiti Control** testing was evaluated on red clay and white concrete bricks 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 white concrete pavers 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, surface alterations, water repellent, graffiti control, and stain repellency treatments for each type masonry unit are also provided in the chart below.

Red Brick				
Sample	New Construction Cleaning (Type N, 21 day cleaning)	Limiting Surface Alterations	Water Repellent	Graffiti Control (treatment/remover)
“#9 Glen-Gery 900-S” red matte modular cored	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)	Defacer Eraser® Graffiti Barrier S
	Sure Klean® Burnished Custom Masonry Cleaner (1:2)			Defacer Eraser® Graffiti Wipe
“#10 Glen-Gery 900-S” red matte modular solid	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9), (1:14)	Defacer Eraser® Graffiti Barrier S
				Defacer Eraser® Graffiti Wipe
“#11 Glen-Gery 200-S” flushed/full-range modular cored	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)	Defacer Eraser® Graffiti Barrier S
	Sure Klean® Burnished Custom Masonry Cleaner (1:3)	Sure Klean® Burnished Custom Masonry Cleaner (1:3)		Defacer Eraser® Graffiti Wipe
“#12 Glen-Gery 200-S” flushed/full-range modular solid	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)	Defacer Eraser® Graffiti Barrier S
				Defacer Eraser® Graffiti Wipe
“#13 Glen-Gery 51DD” modular solid	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)	Defacer Eraser® Graffiti Barrier S
	Sure Klean® Burnished Custom Masonry Cleaner (1:3)	Sure Klean® Burnished Custom Masonry Cleaner (1:3)		Defacer Eraser® Graffiti Wipe
“#14 Glen-Gery 52DD” modular solid	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)	Defacer Eraser® Graffiti Barrier S
	Sure Klean® Burnished Custom Masonry Cleaner (1:3)	Sure Klean® Burnished Custom Masonry Cleaner (1:3)		Defacer Eraser® Graffiti Wipe
“#15 Glen-Gery 53DD” modular solid	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:2)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9), (1:14)	Defacer Eraser® Graffiti Barrier S
	Sure Klean® Burnished Custom Masonry Cleaner (1:3)			Defacer Eraser® Graffiti Release

White Brick				
Sample	New Construction Cleaning (Type N, 21 day cleaning)	Color Uniformity	Water Repellent	Graffiti Control (treatment/remover)
"Solid White" #1 B50 rough face modular cored	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:2)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) or (1:14)	Defacer Eraser® Graffiti Barrier S
				Defacer Eraser® Graffiti Wipe
"Solid White" #2 B50 rough faced modular solid	Sure Klean® Custom Masonry Cleaner (1:2)	Sure Klean® Custom Masonry Cleaner (1:2)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) or (1:14)	Defacer Eraser® Graffiti Barrier S
				Defacer Eraser® Graffiti Wipe
"White and Black Mixed" #3 MC-4 rough faced cored	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) or (1:14)	Defacer Eraser® Graffiti Barrier S
				Defacer Eraser® Graffiti Wipe
"White and Black Mixed" #4 MC-4 rough faced solid	Sure Klean® Custom Masonry Cleaner (1:2)	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) or (1:14)	Defacer Eraser® Graffiti Barrier S
				Defacer Eraser® Graffiti Wipe
Cambridge Paver				
Sample	Cleaning	Color Uniformity	Water Repellent	Stain Repellency (treatment/ maintenance cleaner)
#5 Holland's "Onyx"	Sure Klean® Custom Masonry Cleaner (1:2)	Sure Klean® Custom Masonry Cleaner (1:2)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	Stand Off® Stone, Tile & Masonry Protector Enviro Klean® 2010 All Surface Cleaner (1:10)
#6 Holland's "Ruby"	Sure Klean® Custom Masonry Cleaner (1:2)	Sure Klean® Custom Masonry Cleaner (1:2)	Sure Klean® Weather Seal Siloxane PD	
#7 Holland's "Ruby/Onyx"	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Custom Masonry Cleaner (1:4)	Stand Off® SLX 100 Water & Oil Repellent	
#8 Holland's "Sahara"	Sure Klean® Custom Masonry Cleaner (1:2)	Sure Klean® Custom Masonry Cleaner (1:2)	Stand Off® Impregnator	
Bolduc Paver				
Sample	Cleaning	Color Uniformity	Water Repellent	Stain Repellency (treatment/ maintenance cleaner)
#16 Adirondack "Terracotta Gray"	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	Stand Off® Stone, Tile & Masonry Protector Enviro Klean® 2010 All Surface Cleaner (1:10)
#17 Adirondack "Garnet Red"	Sure Klean® Custom Masonry Cleaner (1:2)	Sure Klean® Custom Masonry Cleaner (1:2)	Sure Klean® Weather Seal Siloxane PD Stand Off® SLX 100 Water & Oil Repellent Stand Off® Impregnator	

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.