

**OVERVIEW OF TESTING CONDUCTED BY PROSOCO, Inc.
FOR GAGE BROTHERS BLOCK, HARRISBURG, SD**

PROJECT No. 0310-12

Fourteen integrally colored concrete masonry units (CMU's), eleven with Dry Blok, and seven types of concrete brick (all with Dry-Blok), all 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 concrete blocks 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. **Graffiti Control** testing was evaluated 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.

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, water repellent, and graffiti control treatments for each type masonry unit are provided in the chart below.

Sample	New Construction Cleaning (Type S mortar, 14 day cleaning)	Color Uniformity	Water Repellent	Graffiti Control (treatment/remover)
Concrete Masonry Units				
"1A" Red smooth face	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Custom Masonry Sealer OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	Sure Klean® Custom Masonry Sealer
"1A" Red split face	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Custom Masonry Cleaner (1:6)		
"2" Tan smooth-face	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Custom Masonry Cleaner (1:4)		Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"2" Tan split-face	Sure Klean® Custom Masonry Cleaner (1:2)	Sure Klean® Custom Masonry Cleaner (1:2)		
"3" Gray burnished (no Dry-Blok)	Sure Klean® Burnished Custom Masonry Cleaner (1:2)	Sure Klean® Burnished Custom Masonry Cleaner (1:2)	No recommendation	No recommendation
"3" Gray smooth-face (no Dry-Blok)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Sealer OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	Sure Klean® Custom Masonry Sealer
"3" Gray split-face (no Dry-Blok)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)		Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"7A" Tan burnished	Sure Klean® Burnished Custom Masonry Cleaner (1:2)	Sure Klean® Burnished Custom Masonry Cleaner (1:2)	No recommendation	No recommendation
"7A" Tan smooth-face	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Sealer OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	Sure Klean® Custom Masonry Sealer
				Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"9" Brown burnished	Sure Klean® Burnished Custom Masonry Cleaner (1:2)	Sure Klean® Burnished Custom Masonry Cleaner (1:2)	No recommendation	No recommendation

Sample	New Construction Cleaning (Type S mortar, 14 day cleaning)	Color Uniformity	Water Repellent	Graffiti Control (treatment/remover)
Concrete Masonry Units				
"9" Brown smooth-face	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Sealer OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	Sure Klean® Custom Masonry Sealer
				Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"15" White smooth-face	Sure Klean® Burnished Custom Masonry Cleaner (1:2)	Sure Klean® Burnished Custom Masonry Cleaner (1:2)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) OR (1:14)	Sure Klean® Custom Masonry Sealer
				Defacer Eraser® Graffiti Wipe
"HW" White ground-face	Sure Klean® Custom Masonry Cleaner (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2)	Sure Klean® Custom Masonry Cleaner (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2)	Sure Klean® Custom Masonry Sealer OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	Sure Klean® Custom Masonry Sealer
	"HW" White smooth-face	Sure Klean® Custom Masonry Cleaner (1:6)		Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
Sure Klean® Custom Masonry Sealer				
Defacer Eraser® Graffiti Wipe				
Concrete Brick				
"1" White	Sure Klean® Custom Masonry Cleaner (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2)	Sure Klean® Custom Masonry Cleaner (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2)	Sure Klean® Custom Masonry Sealer OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	Sure Klean® Custom Masonry Sealer
				Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"2" Tan	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Custom Masonry Cleaner (1:6)		Sure Klean® Custom Masonry Sealer
"3" Dark Red	Sure Klean® Custom Masonry Cleaner (1:2)	Sure Klean® Custom Masonry Cleaner (1:2)		Defacer Eraser® Graffiti Wipe
				Sure Klean® Custom Masonry Sealer
"4" Orange	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Custom Masonry Cleaner (1:4)		Sure Klean® Custom Masonry Sealer
"5" Red with brown	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Custom Masonry Cleaner (1:4)		Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"6" Red with orange	Sure Klean® Custom Masonry Cleaner (1:2)	Sure Klean® Custom Masonry Cleaner (1:2)		
"7" Red	Sure Klean® Custom Masonry Cleaner (1:4)	Sure Klean® Custom Masonry Cleaner (1:4)		

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.