

**OVERVIEW OF TESTING CONDUCTED BY PROSOCO, Inc.**  
**FOR I-XL INDUSTRIES, LTD, MEDICINE HAT, AB CANADA**

**PROJECTS No. 0305-17**

Forty-two types of clay bricks 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 Alteration** on the 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 the submitted 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.

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

Sample	New Construction Cleaning (Type N mortar, 21 day cleaning)	Limiting Surface Alterations	Water Repellent	Graffiti Control (treatment/remover)
"101 Red"	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)	Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal Siloxane WB (1:9) , (1:14)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
"201 Red"	Sure Klean® Vana Trol® (1:6) OR Sure Klean® 600 Detergent (1:6)			Defacer Eraser® Graffiti Wipe
"Amber"	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)			Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
"Bear's Paw"				Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"Belgravia"				Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
"Black"				Defacer Eraser® Graffiti Wipe
				Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
"Brown Variegated"	Sure Klean® Vana Trol® (1:6) OR Sure Klean® 600 Detergent (1:6)			Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"Buff"	Sure Klean® Vana Trol® (1:6), (1:8)			Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
				Sure Klean® Fast Acting Stripper
"Capilano"	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control		
		Sure Klean® Weather Seal Blok-Guard® & Graffiti Control		
"Champagne Buff"	Sure Klean® Vana Trol® (1:6), (1:8)	Sure Klean® Vana Trol® (1:6), (1:8)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	
"Chateau Grey"	Sure Klean® Vana Trol® (1:6), (1:8)	Sure Klean® Vana Trol® (1:6), (1:8)		
"Chocolate Brown"	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)	Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper	
		Sure Klean® Vana Trol® (1:6), (1:8)		
"Cinnamon"	Sure Klean® Vana Trol® (1:6), (1:8)	Sure Klean® Vana Trol® (1:6), (1:8)	Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper	
"Coral"	Sure Klean® Vana Trol® (1:6), (1:8)	Sure Klean® Vana Trol® (1:6), (1:8)		

Sample	New Construction Cleaning (Type N mortar, 21 day cleaning)	Limiting Surface Alterations	Water Repellent	Graffiti Control (treatment/remover)
"Coventry"	Sure Klean® Vana Trol® (1:6) OR Sure Klean® 600 Detergent (1:6)	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)	Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal Siloxane WB (1:9) , (1:14)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
				Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"Cream"	Sure Klean® Vana Trol® (1:6), (1:8)	Sure Klean® Vana Trol® (1:6), (1:8)		Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
				Defacer Eraser® Graffiti Wipe
"Dark Tweed"	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)		Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
				Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"Dove Grey"	Sure Klean® Vana Trol® (1:6), (1:8)	Sure Klean® Vana Trol® (1:6), (1:8)		Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
				Defacer Eraser® Graffiti Wipe
"Dutch Molde"	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)		Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
				Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"Fall Tan"	Sure Klean® Vana Trol® (1:6), (1:8)	Sure Klean® Vana Trol® (1:6), (1:8)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	
			Defacer Eraser® Graffiti Wipe	
"Ferric Red"	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	
				"Georgian Grey"
"Granville"	Sure Klean® Vana Trol® (1:6), (1:8)			
"Grayburn Mod"		Sure Klean® Vana Trol® (1:6), (1:8)		
"Kitsilano"				
"Kootenay Brown"	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)		Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
				Defacer Eraser® Graffiti Wipe
"Lava Sand"	Sure Klean® Vana Trol® (1:6) OR Sure Klean® 600 Detergent (1:6)	Sure Klean® 600 Detergent (1:6), (1:8)		Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
				Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"Light Tweed"	Sure Klean® Vana Trol® (1:6), (1:8)	Sure Klean® Vana Trol® (1:6), (1:8)		Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
			Defacer Eraser® Graffiti Wipe	

Sample	New Construction Cleaning (Type N mortar, 21 day cleaning)	Limiting Surface Alterations	Water Repellent	Graffiti Control (treatment/remover)	
"Malahat"	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)	Sure Klean® Weather Seal Siloxane WB (1:9) , (1:14)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	
"Maroon"	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)			Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal Siloxane WB (1:9) , (1:14)	Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"Montego Brown"					Sure Klean® Weather Seal Blok-Guard® & Graffiti Control
"Old Scona"					Defacer Eraser® Graffiti Wipe
"Old Yale"	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control				
"Plum Red"	Sure Klean® Vana Trol® (1:6) OR Sure Klean® 600 Detergent (1:6)		Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal Siloxane WB (1:9) , (1:14)	Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper	
"Prairie Dusk"	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control				
"Queenston"	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)		Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal Siloxane WB (1:9) , (1:14)	Defacer Eraser® Graffiti Wipe	
"Robson"	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control				
"Sandstone"	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)			Sure Klean® Weather Seal Blok-Guard® & Graffiti Control	
"Silverado"	Sure Klean® Vana Trol® (1:6), (1:8)	Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper			
"Sonora"	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)	Sure Klean® Vana Trol® (1:6), (1:8) OR Sure Klean® 600 Detergent (1:6), (1:8)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control		
"Whistler"	Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal Siloxane WB (1:9) , (1:14)		Defacer Eraser® Graffiti Wipe		
"Williamsburg"	Sure Klean® Vana Trol® (1:6) OR Sure Klean® 600 Detergent (1:6)		Sure Klean® Weather Seal Blok-Guard® & Graffiti Control		
			Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper		

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.