

PROSOCO SINCE 1939

Corporate Office

3741 Greenway Circle Lawrence, KS 66046 (800) 255-4255 (785)865-4200 Fax: (785) 830-9797

Auto attendant (800) 491-2700

Customer Care Fax: (800) 877-2700

prosoco@prosoco.com

Overview of Testing Conducted By PROSOCO, Inc. Hanson Brick – Ogden Plant Project No. 0511-07

Thirty-six types of concrete brick were submitted to PROSOCO, Inc.'s Testing Laboratory with a request to determine the optimal cleaning/cure time combination to most efficiently remove Type S mortar from the submitted concrete brick while leaving the external surface looking most like the natural untreated surface. Additionally, the effectiveness of water repellents and graffiti control products suitable for concrete brick was evaluated. **New Construction Cleaning** was performed to evaluate effective removal of excess mortar, and related new construction soiling. **Protective Water Repellent** testing was performed to evaluate water repellency provided by PROSOCO, Inc.'s water repellents. **Graffiti Control** testing was evaluated to determine which PROSOCO, Inc. product(s) are most effective at repelling and facilitating the removal of graffiti. The attached report provides information about the PROSOCO, Inc. products tested and descriptions of the test methods. The report includes test results as well as conclusions and recommendations. Recommendations are also provided in the chart below.

Recommendations

Sample	New Construction Cleaning Type S mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control
"Augusta"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Bandera"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Biloxi"	¹ No Recommendations	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	³ No Recommendations

Sample	New Construction Cleaning Type S mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control
"Briarwick"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Buff Hillstone"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Buff River Rock"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Cantera"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe

Sample	New Construction Cleaning Type S mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control
"Chaparral"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Colonial Red"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Everest"	¹ No Recommendations	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	³ No Recommendations
"Fairmont"	¹ No Recommendations	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	³ No Recommendations

Sample	New Construction Cleaning Type S mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control
"Frosty Champagne"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Greystone"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Hidalgo"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Ivory Antique"	Sure Klean [®] Concrete Brick Cleaner (1:2) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe

Sample	New Construction Cleaning Type S mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control
"Kingston"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Lantana"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Mesa Red"	Sure Klean [®] Concrete Brick Cleaner (1:2) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Original Hillstone"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents ² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Defacer Eraser [®] Sacrificial Coating SC-1 Graffiti Removal Sure Klean [®] Fast Acting Stripper OR Defacer Eraser [®] Graffiti Wipe

Sample	New Construction Cleaning Type S mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control
"Original River Rock"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents ² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Defacer Eraser [®] Sacrificial Coating SC-1 Graffiti Removal Sure Klean [®] Fast Acting Stripper OR Defacer Eraser [®] Graffiti Wipe
"Oyster Creek"	Sure Klean [®] Concrete Brick Cleaner (1:2) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Palo Duro"	¹ No Recommendations	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	³ No Recommendations
"Pendleton"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents ² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Defacer Eraser [®] Sacrificial Coating SC-1 Graffiti Removal Sure Klean [®] Fast Acting Stripper OR Defacer Eraser [®] Graffiti Wipe

Sample	New Construction Cleaning Type S mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control
"Presidio"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents ² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Defacer Eraser [®] Sacrificial Coating SC-1 Graffiti Removal Sure Klean [®] Fast Acting Stripper OR Defacer Eraser [®] Graffiti Wipe
"Prestige"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Richland"	Sure Klean [®] Concrete Brick Cleaner (1:2) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Sahara"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe

Sample	New Construction Cleaning Type S mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control
"Sedona"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Snow Mist"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Sundance"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Timberline"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents ² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Defacer Eraser [®] Sacrificial Coating SC-1 Graffiti Removal Sure Klean [®] Fast Acting Stripper OR Defacer Eraser [®] Graffiti Wipe

Sample	New Construction Cleaning Type S mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control
"Westwood"	Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"White Hillstone"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"White River Rock"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"White Splitface"	Sure Klean [®] Concrete Brick Cleaner (1:3) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents ² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Defacer Eraser [®] Sacrificial Coating SC-1 Graffiti Removal Sure Klean [®] Fast Acting Stripper OR Defacer Eraser [®] Graffiti Wipe

Sample	New Construction Cleaning Type S mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control
"Wimberley"	Sure Klean [®] Concrete Brick Cleaner (1:2) OR Enviro Klean [®] Safety Klean (1:3)	² Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellents 2 Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Defacer Eraser® Sacrificial Coating SC-1 Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe

All dilutions of both Sure Klean[®] Concrete Brick Cleaner and Enviro Klean[®] Safety Klean, combined with surface agitation and pressure rinsing at 700-800 psi, removed a moderate to significant amount of surface pigment from the following concrete brick: "Biloxi," "Everest," "Fairmont," and "Palo Duro." Therefore, no recommendations can be made for new construction cleaning at this time.

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 stain repellent products and procedures for a particular project. See product literature for additional application and safety information.

² Sure Klean[®] Weather Seal Blok-Guard[®] & Graffiti Control is manufactured and marketed in compliance with USEPA AIM VOC regulations (40 CFR 59.403). This product may not suitable for sale in states and districts with more restrictive AIM VOC regulations.

³ Both Sure Klean[®] Fast Acting Stripper and Defacer Eraser[®] Graffiti Wipe combined with surface agitation and pressure rinsing at 700-800 psi removed some of the surface pigment from sections treated with both Sure Klean[®] Weather Seal Blok-Guard[®] & Graffiti Control and Defacer Eraser[®] Sacrificial Coating SC-1 of the following concrete brick: "Biloxi," "Everest," "Fairmont," and "Palo Duro." Therefore, no recommendations can be made for graffiti control at this time.