

PROSOCC

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Overview of Testing Conducted By PROSOCO, Inc. Boral Bricks, Inc. Alpharetta, GA Project No. 0510-06

Twelve types of clay brick were submitted to AMT Laboratories Testing Laboratory with a request to determine if application of the products evaluated will produce any surface alteration during new construction cleaning operations. Additionally, the effectiveness of water repellents and graffiti control products suitable for clay brick were 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's water repellents. **Graffiti Control** testing was evaluated to determine which PROSOCO product(s) are most effective at facilitating the removal of graffiti. 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 are also provided in the chart below.

Sample	New Construction Cleaning Type S Mortar; 14 Day Cleaning	New Construction Cleaning Type N Mortar; 21 Day Cleaning	Protective Water Repellents	Graffiti Control
"Annapolis"	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control	Graffiti Repellent Sure Klean® Weather Seal Blok-Guard® & Graffiti Control Graffiti Remover Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Antique Rose"	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9) OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellent Sure Klean® Weather Seal Blok-Guard® & Graffiti Control Graffiti Remover Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Ashbury"	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9)	Graffiti Repellent Sure Klean® Weather Seal Blok-Guard® & Graffiti Control Graffiti Remover Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Bandera Blend"	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9) OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellent Sure Klean® Weather Seal Blok-Guard® & Graffiti Control Graffiti Remover Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe

Sample	New Construction Cleaning Type S Mortar; 14 Day Cleaning	New Construction Cleaning Type N Mortar; 21 Day Cleaning	Protective Water Repellents	Graffiti Control
"Bastille"	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9) OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellent Sure Klean® Weather Seal Blok-Guard® & Graffiti Control Graffiti Remover Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Bayou"	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9)	Graffiti Repellent Sure Klean® Weather Seal Blok-Guard® & Graffiti Control Graffiti Remover Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Brentwood"	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control	Graffiti Repellent Sure Klean® Weather Seal Blok-Guard® & Graffiti Control Graffiti Remover Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Fredericksburg"	No Recommendations (See *NOTE Below)	No Recommendations (See *NOTE Below)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) OR Sure Klean® Weather Seal Siloxane PD	Graffiti Repellent Sure Klean® Weather Seal Blok-Guard® & Graffiti Control Graffiti Remover Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe (See **NOTE Below)
"Shadowstone"	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9) OR Sure Klean [®] Weather Seal Siloxane PD	Graffiti Repellent Sure Klean® Weather Seal Blok-Guard® & Graffiti Control Graffiti Remover Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Silverstone"	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) OR Sure Klean® Weather Seal Siloxane PD	Graffiti Repellent Sure Klean® Weather Seal Blok-Guard® & Graffiti Control Graffiti Remover Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe

Sample	New Construction Cleaning Type S Mortar; 14 Day Cleaning	New Construction Cleaning Type N Mortar; 21 Day Cleaning	Protective Water Repellents	Graffiti Control
"Virginian"	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9)	Graffiti Repellent Sure Klean® Weather Seal Blok-Guard® & Graffiti Control Graffiti Remover Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Wire-cut Medium Brown"	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Vana Trol [®] (1:6) OR (1:8) OR Enviro Klean [®] Safety Klean (1:2) OR (1:3)	Sure Klean [®] Weather Seal Blok-Guard [®] & Graffiti Control OR Sure Klean [®] Weather Seal Siloxane WB Concentrate (1:9)	Graffiti Repellent Sure Klean® Weather Seal Blok-Guard® & Graffiti Control Graffiti Remover Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe

*NOTE: Both dilutions of Enviro Klean® Safety Klean and Sure Klean® Vana Trol®, combined with surface agitation and pressure rinsing at 700-800 psi, removed moderate to heavy amounts of the white slurry finish from the surface of the "Fredericksburg" clay brick. Therefore, no recommendations can be made at this time for removal of mortar and new construction soiling.

**NOTE: Both Sure Klean® Fast Acting Stripper and Defacer Eraser® Graffiti Wipe, combined with surface agitation and pressure rinsing at 700-800 psi, may remove some of the white slurry finish from the surface of the "Fredericksburg" clay brick. It is therefore recommended that on-site testing be conducted to determine if the change in appearance is acceptable.

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.