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Claymex Brick & Tile

Project No. 0803-06 PTP

Twenty types of clay brick were submitted to AMT Laboratories by PROSOCO, Inc. with a request to determine the optimal cleaning/cure time combination to most efficiently remove Type S mortar from the submitted clay brick while limiting surface alterations to the decorative finish. Additionally, the effectiveness of water repellents suitable for clay brick were evaluated. **New Construction Cleaning** was performed to evaluate the effectiveness of the selected PROSOCO products at removing excess mortar, and related new construction soiling, while limiting potential surface alterations to the finish. **Protective Water Repellent** testing was performed to evaluate which PROSOCO water repellent(s) are most effective at providing protection from wind driven rain. 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.

Recommendations

Sample	New Construction Cleaning Type S Mortar (14 Day Cleaning)	Protective Water Repellents
“Vernon”	Sure Klean® Vana Trol® (1:6)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
“Rusty”	Sure Klean® 600 Detergent (1:8)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
“Urbana”	Sure Klean® 600 Detergent (1:8) or Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Siloxane PD
“Victoria”	Sure Klean® 101 Lime Solvent (1:8) or Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
“Old Jalisco”	Sure Klean® 600 Detergent (1:6) or Sure Klean® Vana Trol® (1:6)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
“Loredo”	Sure Klean® 600 Detergent (1:6) or Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
“Cottonwood”	Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)

Sample	New Construction Cleaning Type S Mortar (14 Day Cleaning)	Protective Water Repellents
"Loundonville"	Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
"Crockett"	Sure Klean® Vana Trol® (1:6)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
"New Heaven"	Sure Klean® 600 Detergent (1:8)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
"Sonora"	Sure Klean® 600 Detergent (1:6)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
"Almendra"	Sure Klean® 600 Detergent (1:8) or Sure Klean® Vana Trol® (1:6)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
"Red Hill"	Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
"Dover"	Sure Klean® 600 Detergent (1:8) or Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
"Adobe"	Sure Klean® 600 Detergent (1:8) or Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
"Providence"	Sure Klean® 600 Detergent (1:8) or Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)

Sample	New Construction Cleaning Type S Mortar (14 Day Cleaning)	Protective Water Repellents
"Richland"	Sure Klean® 600 Detergent (1:8) or Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
"Heritage"	Sure Klean® 101 Lime Solvent (1:8)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
"Magnolia"	Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)
"Old Denver"	Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Siloxane PD or Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)

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.