



AMT Laboratories
 3741 Greenway Circle
 Lawrence, KS 66046
 Phone: 888.376.3600
 Fax: 785.830.9176

Claymex Brick & Tile
Project No. 0804-04 PTP

Nine types of clay tile were submitted to AMT Laboratories by PROSOCO, Inc. with a request to determine the optimal cleaning/cure time combination to most efficiently remove sanded grout from the submitted clay tile while limiting surface alterations. Additionally, the effectiveness of water repellents, color enhancers, and stain repellents suitable for clay tile 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. **Stain Repellency** testing was conducted to determine which PROSOCO product(s) are most effective at repelling and facilitating the removal of stains. **Color and Sheen Enhancement** was evaluated to determine which PROSOCO product(s) are most effective at providing color and/or sheen enhancement to the submitted 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 are also provided in the chart below.

Recommendations

Sample	New Construction Cleaning Sanded Grout, (7 day cleaning)	Protective Water Repellents	Stain Repellents	Color and Sheen Enhancement
“Super Colorado Natural”	No recommendation due to surface finish removal	*Stand Off® Gloss ‘N Guard WB or Stand Off® SLX100 Water & Oil Repellent	<u>Stain Repellent</u> *Stand Off® Gloss ‘N Guard WB <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner	<u>Color Enhancement</u> Stand Off® Gloss ‘N Guard WB <u>Sheen Enhancement</u> Stand Off® Gloss ‘N Guard WB
“Super Saltillo Natural”	No recommendation due to surface finish removal	*Stand Off® Gloss ‘N Guard WB or Stand Off® SLX100 Water & Oil Repellent or Stand Off® Stone, Tile & Masonry Protector (STMP)	<u>Stain Repellent</u> *Stand Off® Gloss ‘N Guard WB <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner	<u>Color Enhancement</u> Stand Off® Gloss ‘N Guard WB <u>Sheen Enhancement</u> Stand Off® Gloss ‘N Guard WB
“Super Terracotta Natural”	No recommendation due to surface finish removal	*Stand Off® Gloss ‘N Guard WB or Stand Off® SLX100 Water & Oil Repellent or Stand Off® Stone, Tile & Masonry Protector (STMP)	<u>Stain Repellent</u> *Stand Off® Gloss ‘N Guard WB <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner	<u>Color Enhancement</u> Stand Off® Gloss ‘N Guard WB <u>Sheen Enhancement</u> Stand Off® Gloss ‘N Guard WB

Sample	New Construction Cleaning Sanded Grout, (7 day cleaning)	Protective Water Repellents	Stain Repellents	Color and Sheen Enhancement
"Super Colorado Matte"	Stand Off® Grout & Tile Cleaner (1:3) or Enviro Klean® Safety Klean (1:3)	*Note: The "Matte" and "Semibrillosa" samples were not evaluated with any Prosoco, Inc. treatments because they have an in-plant treatment.	*Note: The "Matte" and "Semibrillosa" samples were not evaluated with any Prosoco, Inc. treatments because they have an in-plant treatment.	*Note: The "Matte" and "Semibrillosa" samples were not evaluated with any Prosoco, Inc. treatments because they have an in-plant treatment.
"Super Saltillo Matte"	Stand Off® Grout & Tile Cleaner (1:3) or Enviro Klean® Safety Klean (1:3)			
"Super Terracotta Matte"	Stand Off® Grout & Tile Cleaner (1:3) or Enviro Klean® Safety Klean (1:3)			
"Super Colorado Semibrillosa"	Stand Off® Grout & Tile Cleaner (1:3) or Enviro Klean® Safety Klean (1:3)			

Sample	New Construction Cleaning Sanded Grout, (7 day cleaning)	Protective Water Repellents	Stain Repellents	Color and Sheen Enhancement
“Super Saltillo Semibrillosa”	Stand Off® Grout & Tile Cleaner (1:3) or Enviro Klean® Safety Klean (1:3)	*Note: The “Matte” and “Semibrillosa” samples were not evaluated with any Prosoco, Inc. treatments because they have an in-plant treatment.	*Note: The “Matte” and “Semibrillosa” samples were not evaluated with any Prosoco, Inc. treatments because they have an in-plant treatment.	*Note: The “Matte” and “Semibrillosa” samples were not evaluated with any Prosoco, Inc. treatments because they have an in-plant treatment.
“Super Terracotta Semibrillosa”	Stand Off® Grout & Tile Cleaner (1:3) or Enviro Klean® Safety Klean (1:3)			

***Note:** Stand Off® Gloss ‘N Guard WB may require two applications for an even appearance. A foam brush is recommended.

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.