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Southern Antique Stone
Project No. 0704-06 PTP

Two types of cast stone pavers were submitted to AMT Laboratories by PROSOCO, Inc. with a request to determine the optimal concentration of cleaner for removal of laboratory applied mortar while leaving the external surface looking most like the uncleaned surface of the cast stone paver during new construction operations. Additionally, the effectiveness of water repellents and stain repellents products suitable for cast stone pavers was 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.

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 <u>Type N Mortar</u> <u>(21 Day Cleaning)</u> | Protective Water Repellents | Stain Repellency |
|-----------------------------|--|--|---|
| “Italian Travertine” | Sure Klean® Custom Masonry Cleaner (1:4) OR (1:6) OR Paver Kare® Cleaner/Brightener (1:2) OR (1:3) | Sure Klean® Weather Seal Siloxane PD OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector | <u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10) |
| “Parisian Limestone” | Sure Klean® Custom Masonry Cleaner (1:4) OR (1:6) OR Paver Kare® Cleaner/Brightener (1:2) OR (1:3) | Sure Klean® Weather Seal Siloxane PD OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector | <u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10) |

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.