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Architectural Cast Stone, Inc.
Project No. 0604-08 PTP

Six types of cast stone were submitted to AMT Laboratories by PROSOCO, Inc. with a request to determine if application of the products evaluated will produce any surface alterations during new construction cleaning operations. Additionally, the effectiveness of water repellents, graffiti control products and stain repellent products suitable for cast stone were evaluated.

New Construction Cleaning was performed to evaluate the effectiveness of the selected PROSOCO products at removing excess Type S Mortar, and related new construction soiling, while limiting potential surface alterations to the decorative finish. **Protective Water Repellent** testing was performed to evaluate which PROSOCO water repellent(s) are most effective at providing protection from wind driven rain. **Graffiti Control** products were evaluated for its ability to repel and remove graffiti from the submitted samples. **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 Type S Mortar (14 Day Cleaning) | Protective Water Repellents | Graffiti Control | Stain Repellency |
|--------|--|--|---|---|
| "Buff" | Sure Klean® Vana Trol® (1:8) OR Enviro Klean® Safety Klean (1:3) | Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal SL100 Water Repellent OR Stand Off® SLX100 Water & Oil Repellent OR Consolideck® Saltguard® WB | <u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe | <u>Stain Repellent</u> Stand Off® Stone, Tile & Masonry Protector (STMP) OR Stand Off® SLX100 Water & Oil Repellent <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10) |
| "Gray" | Sure Klean® Vana Trol® (1:8) OR Enviro Klean® Safety Klean (1:3) | Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal SL100 Water Repellent OR Stand Off® SLX100 Water & Oil Repellent OR Consolideck® Saltguard® WB | <u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe | <u>Stain Repellent</u> Stand Off® Stone, Tile & Masonry Protector (STMP) OR Stand Off® SLX100 Water & Oil Repellent <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10) |

| Sample | New Construction Cleaning Type S Mortar (14 Day Cleaning) | Protective Water Repellents | Graffiti Control | Stain Repellency |
|--------------------|--|--|---|---|
| “Limestone” | Sure Klean® Vana Trol® (1:8) OR Enviro Klean® Safety Klean (1:3) | Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal SL100 Water Repellent OR Stand Off® SLX100 Water & Oil Repellent OR Consolideck® Saltguard® WB | <u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe | <u>Stain Repellent</u> Stand Off® Stone, Tile & Masonry Protector (STMP) OR Stand Off® SLX100 Water & Oil Repellent <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10) |
| “Mesa” | Sure Klean® Vana Trol® (1:8) OR Enviro Klean® Safety Klean (1:3) | Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal SL100 Water Repellent OR Stand Off® SLX100 Water & Oil Repellent OR Consolideck® Saltguard® WB | <u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe | <u>Stain Repellent</u> Stand Off® Stone, Tile & Masonry Protector (STMP) <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10) |
| “Tan” | Sure Klean® Vana Trol® (1:8) OR Enviro Klean® Safety Klean (1:3) | Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal SL100 Water Repellent OR Stand Off® SLX100 Water & Oil Repellent OR Consolideck® Saltguard® WB | <u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe | <u>Stain Repellent</u> Stand Off® Stone, Tile & Masonry Protector (STMP) OR Stand Off® SLX100 Water & Oil Repellent <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10) |

| Sample | New Construction Cleaning Type S Mortar (14 Day Cleaning) | Protective Water Repellents | Graffiti Control | Stain Repellency |
|---------|--|--|--|--|
| "White" | Sure Klean® Vana Trol® (1:8) OR Enviro Klean® Safety Klean (1:3) | Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal SL100 Water Repellent OR Stand Off® SLX100 Water & Oil Repellent OR Consolideck® Saltguard® WB | <p style="text-align: center;"><u>Graffiti Repellents</u></p> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II | <p style="text-align: center;"><u>Stain Repellent</u></p> Stand Off® Stone, Tile & Masonry Protector (STMP) |
| | | | <p style="text-align: center;"><u>Graffiti Removal</u></p> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe | <p style="text-align: center;"><u>Maintenance Cleaner</u></p> 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.