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Overview of Testing Conducted By PROSOCO, Inc.
Champlain Stone, Ltd., Warrensburg, NY
Project No. 0506-19

Six types of natural stone were submitted to PROSOCO, Inc.'s Testing Laboratory with a request to determine the optimum dilution of appropriate new construction cleaning products for complete removal of laboratory applied mortar while limiting any surface alterations. Additionally, the effectiveness of water repellents, graffiti control products, stain repellents and color enhancing treatments suitable for natural stone 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 repelling and facilitating the removal of graffiti. **Stain Repellent** testing was conducted to determine which PROSOCO product(s) are most effective at repelling and facilitating the removal of stains. **Color Enhancement** was also evaluated.

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 Repellency	Stain Repellent	Color Enhancement
"American Granite"	Sure Klean® Vana Trol® (1:8) OR Sure Klean® 600 Detergent (1:8)	Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Stand Off® SLX100 Water & Oil Repellent	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Stone, Tile & Masonry Protector (STMP) <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)	Stand Off® Gloss 'N Guard WB
"Corinthian Granite"	Sure Klean® Vana Trol® (1:8) OR Sure Klean® 600 Detergent (1:8)	Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Stand Off® SLX100 Water & Oil Repellent	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Stone, Tile & Masonry Protector (STMP) <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)	Stand Off® Gloss 'N Guard WB

Sample	New Construction Cleaning Type S mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Repellency	Stain Repellent	Color Enhancement
“Great Meadow Limestone”	Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Stand Off® SLX100 Water & Oil Repellent	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Stone, Tile & Masonry Protector (STMP) Maintenance Cleaner Enviro Klean® 2010 All Surface Cleaner (1:10)	Stand Off® Gloss ‘N Guard WB
“South Bay Quartzite”	Sure Klean® Vana Trol® (1:8) OR Sure Klean® 600 Detergent (1:8)	Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Stand Off® SLX100 Water & Oil Repellent	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Stone, Tile & Masonry Protector (STMP) Maintenance Cleaner Enviro Klean® 2010 All Surface Cleaner (1:10)	Stand Off® Gloss ‘N Guard WB
“Summit Granite”	Sure Klean® Vana Trol® (1:8) OR Sure Klean® 600 Detergent (1:8)	Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Stand Off® SLX100 Water & Oil Repellent	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Stand Off® SLX100 Water & Oil Repellent Maintenance Cleaner Enviro Klean® 2010 All Surface Cleaner (1:10)	Stand Off® Gloss ‘N Guard WB
“Van Tassel Granite”	Sure Klean® Vana Trol® (1:8) OR Sure Klean® 600 Detergent (1:6)	Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Stand Off® SLX100 Water & Oil Repellent	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Stone, Tile & Masonry Protector (STMP) Maintenance Cleaner Enviro Klean® 2010 All Surface Cleaner (1:10)	Stand Off® Gloss ‘N Guard WB

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.