

**Overview of Testing Conducted By PROSOCO, Inc.
Dutch Quality Stone, Inc., Mt. Eaton, OH
Project No. 0510-12**

Eight types of manufactured stone were submitted to PROSOCO, Inc.'s Testing Laboratory 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 color/sheen enhancement products suitable for manufactured 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. **Color Enhancement** was evaluated for its ability to provide color 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 (Type M mortar, 14 day cleaning)	New Construction Cleaning (Type N mortar, 21 day cleaning)	Protective Water Repellents	Graffiti Control	Color and Sheen Enhancement
"Autumn Blend Limestone"	Sure Klean® Manufactured Stone Cleaner (1:3)	Sure Klean® Manufactured Stone Cleaner (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 Stand Off® SLX100 Water & Oil Repellent	<u>Graffiti Repellency</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>Color Enhancement</u> Sure Klean® Paver Enhancer OR Stand Off® Gloss 'N Guard WB <u>Sheen Enhancement</u> Stand Off® Gloss 'N Guard WB
"Brown Stackstone"	Sure Klean® Manufactured Stone Cleaner (1:3)	Sure Klean® Manufactured Stone Cleaner (1:2) OR (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 Stand Off® SLX100 Water & Oil Repellent	<u>Graffiti Repellency</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>Color Enhancement</u> Sure Klean® Paver Enhancer <u>Sheen Enhancement</u> Stand Off® Gloss 'N Guard WB
"Cypress Weather Ledge"	Sure Klean® Manufactured Stone Cleaner (1:2)	Sure Klean® Manufactured Stone Cleaner (1:2)	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 Stand Off® SLX100 Water & Oil Repellent	<u>Graffiti Repellency</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>Color Enhancement</u> Sure Klean® Paver Enhancer <u>Sheen Enhancement</u> Stand Off® Gloss 'N Guard WB



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Sample	New Construction Cleaning (Type M mortar, 14 day cleaning)	New Construction Cleaning (Type N mortar, 21 day cleaning)	Protective Water Repellents	Graffiti Control	Color and Sheen Enhancement
"Michigan River Rock"	Sure Klean® Manufactured Stone Cleaner (1:3)	Sure Klean® Manufactured Stone Cleaner (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 Stand Off® SLX100 Water & Oil Repellent	Graffiti Repellency Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Color Enhancement Sure Klean® Paver Enhancer OR Stand Off® Gloss 'N Guard WB Sheen Enhancement Stand Off® Gloss 'N Guard WB
"Michigan Split Granite"	Sure Klean® Manufactured Stone Cleaner (1:3)	Sure Klean® Manufactured Stone Cleaner (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 Stand Off® SLX100 Water & Oil Repellent	Graffiti Repellency Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Color Enhancement Stand Off® Gloss 'N Guard WB Sheen Enhancement Stand Off® Gloss 'N Guard WB
"Pennsylvania Dry Stack"	Sure Klean® Manufactured Stone Cleaner (1:3)	Sure Klean® Manufactured Stone Cleaner (1:2)	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 Stand Off® SLX100 Water & Oil Repellent	Graffiti Repellency Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Color Enhancement Sure Klean® Paver Enhancer OR Stand Off® Gloss 'N Guard WB Sheen Enhancement Stand Off® Gloss 'N Guard WB
"Prestige LedgeStone"	Sure Klean® Manufactured Stone Cleaner (1:2)	Sure Klean® Manufactured Stone Cleaner (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 Stand Off® SLX100 Water & Oil Repellent	Graffiti Repellency Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removal Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Color Enhancement Sure Klean® Paver Enhancer OR Stand Off® Gloss 'N Guard WB Sheen Enhancement Stand Off® Gloss 'N Guard WB

Sample	New Construction Cleaning (Type M mortar, 14 day cleaning)	New Construction Cleaning (Type N mortar, 21 day cleaning)	Protective Water Repellents	Graffiti Control	Color and Sheen Enhancement
"Top Rock"	Sure Klean® Manufactured Stone Cleaner (1:3)	Sure Klean® Manufactured Stone Cleaner (1:2) OR (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 Stand Off® SLX100 Water & Oil Repellent	<u>Graffiti Repellency</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>Color Enhancement</u> Sure Klean® Paver Enhancer <u>Sheen Enhancement</u> 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.