

## *Rivard Stone, Inc. Project No. 0801-14 PTP*

Two types of limestone 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, stain repellents, and color and sheen enhancement products suitable for limestone 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. **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. **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 Type N Mortar (21 Day Cleaning) and Type S Mortar, (14 Day Cleaning)		Graffiti Control	Stain Repellents	Color and Sheen Enhancement
St. Croix Valley Limestone Honed	Sure Klean <sup>®</sup> Vana Trol <sup>®</sup> (1:8) or Enviro Klean <sup>®</sup> Safety Klean (1:3)	*Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control or *Sure Klean <sup>®</sup> Weather Seal Natural Stone Treatment or Stand Off <sup>®</sup> Stone, Tile & Masonry Protector (STMP) or *Stand Off <sup>®</sup> Limestone & Marble Protector or *Stand Off <sup>®</sup> Gloss 'N Guard	<u>Graffiti Repellents</u> *Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control <u>Graffiti Removers</u> Sure Klean <sup>®</sup> Fast Acting Stripper or Defacer Eraser <sup>®</sup> Graffiti Wipe	<u>Stain Repellent</u> Stand Off <sup>®</sup> Stone, Tile & Masonry Protector (STMP) or *Stand Off <sup>®</sup> Limestone & Marble Protector or *Stand Off <sup>®</sup> Gloss 'N Guard <u>Maintenance Cleaner</u> Enviro Klean <sup>®</sup> 2010 All Surface Cleaner	Color Enhancement Stand Off <sup>®</sup> Gloss 'N Guard <u>Sheen</u> Enhancement Stand Off <sup>®</sup> Gloss 'N Guard
St. Croix Valley Limestone Rock Faced	Sure Klean <sup>®</sup> Vana Trol <sup>®</sup> (1:8) or Enviro Klean <sup>®</sup> Safety Klean (1:3)	*Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control or Stand Off <sup>®</sup> Stone, Tile & Masonry Protector (STMP) or *Stand Off <sup>®</sup> Gloss 'N Guard	Graffiti Repellents *Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control Graffiti Removers Sure Klean <sup>®</sup> Fast Acting Stripper or Defacer Eraser <sup>®</sup> Graffiti Wipe	Stain RepellentStand Off <sup>®</sup> Stone, Tile & Masonry Protector (STMP) or*Stand Off <sup>®</sup> Limestone & Marble Protector or*Stand Off <sup>®</sup> Gloss 'N Guard Maintenance Cleaner Enviro Klean <sup>®</sup> 2010 All Surface Cleaner	Color Enhancement Stand Off <sup>®</sup> Gloss 'N Guard <u>Sheen</u> Enhancement Stand Off <sup>®</sup> Gloss 'N Guard

\*NOTE: Sure Klean<sup>®</sup> Weather Seal Blok-Guard<sup>®</sup> & Graffiti Control, Sure Klean<sup>®</sup> Weather Seal Natural Stone Treatment, Stand Off<sup>®</sup> Limestone & Marble Protector, and Stand Off<sup>®</sup> Gloss 'N Guard are manufactured and marketed in compliance with USEPA AIM VOC regulations (40 CFR 59.403). These products may not be suitable for sale in states and districts with more restrictive AIM VOC regulations.

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.