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**Continental Cast Stone of Kansas, Inc.**  
*Project No. 0606-16 PTP*

Eleven 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 and Type N 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	Protective Water Repellents	Graffiti Control	Stain Repellency
"1100"	<p><b><u>Type S Mortar, 14 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p> <p><b><u>Type N mortar, 21 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p>	<p>*Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II            OR            Sure Klean® Weather Seal Siloxane PD            OR            Sure Klean® Weather Seal SL100 Water Repellent            OR            *Stand Off® Limestone &amp; Marble Protector</p>	<p><b><u>Graffiti Repellents</u></b>            *Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II</p> <p><b><u>Graffiti Removal</u></b>            Sure Klean® Fast Acting Stripper            OR            Defacer Eraser® Graffiti Wipe</p>	<p><b><u>Stain Repellents</u></b>            *Stand Off® Limestone &amp; Marble Protector</p> <p><b><u>Maintenance Cleaner</u></b>            Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
"1101"	<p><b><u>Type S Mortar, 14 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p> <p><b><u>Type N mortar, 21 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p>	<p>*Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II            OR            Sure Klean® Weather Seal Siloxane PD            OR            Sure Klean® Weather Seal SL100 Water Repellent</p>	<p><b><u>Graffiti Repellents</u></b>            *Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II</p> <p><b><u>Graffiti Removal</u></b>            Sure Klean® Fast Acting Stripper            OR            Defacer Eraser® Graffiti Wipe</p>	<p><b><u>Stain Repellents</u></b>            Stand Off® Stone, Tile &amp; Masonry Protector (STMP)</p> <p><b><u>Maintenance Cleaner</u></b>            Enviro Klean® 2010 All Surface Cleaner (1:10)</p>

Sample	New Construction Cleaning	Protective Water Repellents	Graffiti Control	Stain Repellency
"1102"	<p><b><u>Type S Mortar, 14 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p> <p><b><u>Type N mortar, 21 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p>	<p>*Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II            OR            Sure Klean® Weather Seal Siloxane PD            OR            Sure Klean® Weather Seal SL100 Water Repellent            OR            *Stand Off® Limestone &amp; Marble Protector            OR            Stand Off® SLX100 Water &amp; Oil Repellent</p>	<p><b><u>Graffiti Repellents</u></b>            *Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II</p> <p><b><u>Graffiti Removal</u></b>            Sure Klean® Fast Acting Stripper            OR            Defacer Eraser® Graffiti Wipe</p>	<p><b><u>Stain Repellents</u></b>            *Stand Off® Limestone &amp; Marble Protector            OR            Stand Off® SLX100 Water &amp; Oil Repellent</p> <p><b><u>Maintenance Cleaner</u></b>            Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
"1103"	<p><b><u>Type S Mortar, 14 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p> <p><b><u>Type N mortar, 21 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p>	<p>*Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II            OR            Sure Klean® Weather Seal Siloxane PD            OR            Sure Klean® Weather Seal SL100 Water Repellent</p>	<p><b><u>Graffiti Repellents</u></b>            *Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II</p> <p><b><u>Graffiti Removal</u></b>            Sure Klean® Fast Acting Stripper            OR            Defacer Eraser® Graffiti Wipe</p>	<p><b><u>Stain Repellents</u></b>            Stand Off® Stone, Tile &amp; Masonry Protector (STMP)</p> <p><b><u>Maintenance Cleaner</u></b>            Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
"1104"	<p><b><u>Type S Mortar, 14 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p> <p><b><u>Type N mortar, 21 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p>	<p>*Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II            OR            Sure Klean® Weather Seal Siloxane PD            OR            Sure Klean® Weather Seal SL100 Water Repellent            OR            *Stand Off® Limestone &amp; Marble Protector</p>	<p><b><u>Graffiti Repellents</u></b>            *Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II</p> <p><b><u>Graffiti Removal</u></b>            Sure Klean® Fast Acting Stripper            OR            Defacer Eraser® Graffiti Wipe</p>	<p><b><u>Stain Repellents</u></b>            *Stand Off® Limestone &amp; Marble Protector            OR            Stand Off® Stone, Tile &amp; Masonry Protector (STMP)</p> <p><b><u>Maintenance Cleaner</u></b>            Enviro Klean® 2010 All Surface Cleaner (1:10)</p>

Sample	New Construction Cleaning	Protective Water Repellents	Graffiti Control	Stain Repellency
"1105"	<p><b><u>Type S Mortar, 14 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p> <p><b><u>Type N mortar, 21 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p>	<p>*Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II            OR            Sure Klean® Weather Seal Siloxane PD            OR            Sure Klean® Weather Seal SL100 Water Repellent            OR            *Stand Off® Limestone &amp; Marble Protector</p>	<p><b><u>Graffiti Repellents</u></b>            *Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II</p> <p><b><u>Graffiti Removal</u></b>            Sure Klean® Fast Acting Stripper            OR            Defacer Eraser® Graffiti Wipe</p>	<p><b><u>Stain Repellents</u></b>            *Stand Off® Limestone &amp; Marble Protector</p> <p><b><u>Maintenance Cleaner</u></b>            Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
"1106"	<p><b><u>Type S Mortar, 14 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p> <p><b><u>Type N mortar, 21 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p>	<p>*Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II            OR            Sure Klean® Weather Seal Siloxane PD            OR            Sure Klean® Weather Seal SL100 Water Repellent            OR            *Stand Off® Limestone &amp; Marble Protector            OR            Stand Off® SLX100 Water &amp; Oil Repellent</p>	<p><b><u>Graffiti Repellents</u></b>            *Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II</p> <p><b><u>Graffiti Removal</u></b>            Sure Klean® Fast Acting Stripper            OR            Defacer Eraser® Graffiti Wipe</p>	<p><b><u>Stain Repellents</u></b>            *Stand Off® Limestone &amp; Marble Protector            OR            Stand Off® SLX100 Water &amp; Oil Repellent            OR            Stand Off® Stone, Tile &amp; Masonry Protector (STMP)</p> <p><b><u>Maintenance Cleaner</u></b>            Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
"1107"	<p><b><u>Type S Mortar, 14 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p> <p><b><u>Type N mortar, 21 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p>	<p>*Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II            OR            Sure Klean® Weather Seal Siloxane PD            OR            Sure Klean® Weather Seal SL100 Water Repellent            OR            *Stand Off® Limestone &amp; Marble Protector</p>	<p><b><u>Graffiti Repellents</u></b>            *Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II</p> <p><b><u>Graffiti Removal</u></b>            Sure Klean® Fast Acting Stripper            OR            Defacer Eraser® Graffiti Wipe</p>	<p><b><u>Stain Repellents</u></b>            *Stand Off® Limestone &amp; Marble Protector            OR            Stand Off® Stone, Tile &amp; Masonry Protector (STMP)</p> <p><b><u>Maintenance Cleaner</u></b>            Enviro Klean® 2010 All Surface Cleaner (1:10)</p>

Sample	New Construction Cleaning	Protective Water Repellents	Graffiti Control	Stain Repellency
"1108"	<p><b><u>Type S Mortar, 14 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p> <p><b><u>Type N mortar, 21 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)            OR            Enviro Klean® Safety Klean (1:3)</p>	<p>*Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II            OR            Sure Klean® Weather Seal Siloxane PD            OR            Sure Klean® Weather Seal SL100 Water Repellent            OR            *Stand Off® Limestone &amp; Marble Protector            OR            Stand Off® SLX100 Water &amp; Oil Repellent</p>	<p><b><u>Graffiti Repellents</u></b>            *Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II</p> <p><b><u>Graffiti Removal</u></b>            Sure Klean® Fast Acting Stripper            OR            Defacer Eraser® Graffiti Wipe</p>	<p><b><u>Stain Repellents</u></b>            *Stand Off® Limestone &amp; Marble Protector            OR            Stand Off® SLX100 Water &amp; Oil Repellent            OR            Stand Off® Stone, Tile &amp; Masonry Protector (STMP)</p> <p><b><u>Maintenance Cleaner</u></b>            Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
"1112"	<p><b><u>Type S Mortar, 14 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)</p> <p><b><u>Type N mortar, 21 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)</p>	<p>*Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II            OR            Sure Klean® Weather Seal Siloxane PD            OR            Sure Klean® Weather Seal SL100 Water Repellent            OR            *Stand Off® Limestone &amp; Marble Protector</p>	<p><b><u>Graffiti Repellents</u></b>            *Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II</p> <p><b><u>Graffiti Removal</u></b>            Sure Klean® Fast Acting Stripper            OR            Defacer Eraser® Graffiti Wipe</p>	<p><b><u>Stain Repellents</u></b>            *Stand Off® Limestone &amp; Marble Protector</p> <p><b><u>Maintenance Cleaner</u></b>            Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
"207B"	<p><b><u>Type S Mortar, 14 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)</p> <p><b><u>Type N mortar, 21 Day Cleaning</u></b>            Sure Klean® Vana Trol® (1:8)</p>	<p>*Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II            OR            Sure Klean® Weather Seal Siloxane PD            OR            Sure Klean® Weather Seal SL100 Water Repellent            OR            *Stand Off® Limestone &amp; Marble Protector            OR            Stand Off® SLX100 Water &amp; Oil Repellent</p>	<p><b><u>Graffiti Repellents</u></b>            *Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control            OR            Sure Klean® Weather Seal Blok-Guard® &amp; Graffiti Control II</p> <p><b><u>Graffiti Removal</u></b>            Sure Klean® Fast Acting Stripper            OR            Defacer Eraser® Graffiti Wipe</p>	<p><b><u>Stain Repellents</u></b>            *Stand Off® Limestone &amp; Marble Protector            OR            Stand Off® SLX100 Water &amp; Oil Repellent</p> <p><b><u>Maintenance Cleaner</u></b>            Enviro Klean® 2010 All Surface Cleaner (1:10)</p>

**\*NOTE:** Sure Klean® Weather Seal Blok-Guard® & Graffiti Control and Stand Off® Limestone & Marble Protector 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.

The ability of a stain repellent treatment to prevent staining is affected by a variety of factors. Therefore, on-site testing should be carried out for all installations with the recommended systems to ensure job site workmanship yields equivalent results.

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.