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**Stonecraft Industries**  
*Project No. 0901-03 PTP*

Twenty-six types of manufactured stone samples 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 repellent, graffiti repellent, and stain repellent products suitable for manufactured stone was 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.

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 (7 Day Cleaning) & Type N Mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control	Stain Repellents
<b>“Fieldstone Bucktown”</b>	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
<b>“Fieldstone Canyon Gray”</b>	No Recommendations - Due to surface pigment removal	Sure Klean® Weather Seal Blok- Guard® & Graffiti Control II	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe	<b><u>Stain Repellent</u></b> Stand Off® SLX100™ Water & Oil Repellent or Stand Off® Stone, Tile & Masonry Protector (STMP)  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner

Sample	New Construction Cleaning Type S Mortar (7 Day Cleaning) & Type N Mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control	Stain Repellents
"Fieldstone Colorado"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Blok- Guard® & Graffiti Control II	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
"Fieldstone Mountain"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Blok- Guard® & Graffiti Control II or Sure Klean® Weather Seal Weather Seal GP or Sure Klean® Weather Seal Siloxane PD	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
"Fieldstone Pennsylvania"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Blok- Guard® & Graffiti Control II	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
"Fieldstone Valley Forge"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Blok- Guard® & Graffiti Control II or Sure Klean® Weather Seal Weather Seal GP or Sure Klean® Weather Seal Siloxane PD	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner

Sample	New Construction Cleaning Type S Mortar (7 Day Cleaning) & Type N Mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control	Stain Repellents
"Fieldstone Warm Springs"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Blok- Guard® & Graffiti Control II or Sure Klean® Weather Seal Weather Seal GP or Sure Klean® Weather Seal Siloxane PD	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
"Heritage Bucktown"	No Recommendations - Due to surface pigment removal	Sure Klean® Weather Seal Blok- Guard® & Graffiti Control II	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
"Heritage Chardonnay"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Blok- Guard® & Graffiti Control II or Sure Klean® Weather Seal Siloxane PD	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
"Heritage Gray Flat"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Blok- Guard® & Graffiti Control II or Sure Klean® Weather Seal Weather Seal GP or Sure Klean® Weather Seal Siloxane PD	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner

Sample	New Construction Cleaning Type S Mortar (7 Day Cleaning) & Type N Mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control	Stain Repellents
"Heritage Ohio Flat"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Blok- Guard® & Graffiti Control II or Sure Klean® Weather Seal Weather Seal GP or Sure Klean® Weather Seal Siloxane PD	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
"Heritage Old Ohio Flat"	No Recommendations - Due to surface pigment removal	Sure Klean® Weather Seal Siloxane PD	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Enviro Klean® SafStrip® 8	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
"Heritage Penn State"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
"Heritage Pennsylvania"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Blok- Guard® & Graffiti Control II or Sure Klean® Weather Seal Weather Seal GP or Sure Klean® Weather Seal Siloxane PD	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner

Sample	New Construction Cleaning Type S Mortar (7 Day Cleaning) & Type N Mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control	Stain Repellents
"Heritage Tan Flat"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Blok- Guard® & Graffiti Control II or Sure Klean® Weather Seal Weather Seal GP or Sure Klean® Weather Seal Siloxane PD	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
"Heritage Warm Springs"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Weather Seal GP or Sure Klean® Weather Seal Siloxane PD	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
"Heritage Wisconsin"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Siloxane PD	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
"Lakestone Calumet Flat"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Weather Seal GP or Sure Klean® Weather Seal Siloxane PD	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner

Sample	New Construction Cleaning Type S Mortar (7 Day Cleaning) & Type N Mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control	Stain Repellents
"Quartz French Country"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Siloxane PD	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
"Quartz Pennsylvania"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Siloxane PD	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
"Quartz Valley Forge"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Blok- Guard® & Graffiti Control II or Sure Klean® Weather Seal Weather Seal GP	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
"River Rock Adirondack"	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Blok- Guard® & Graffiti Control II	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner

Sample	New Construction Cleaning Type S Mortar (7 Day Cleaning) & Type N Mortar (14 Day Cleaning)	Protective Water Repellents	Graffiti Control	Stain Repellents
“Top Rock Brown”	No Recommendations - Due to surface pigment removal	Sure Klean® Weather Seal Blok- Guard® & Graffiti Control II	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
“Top Rock Pennsylvania”	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Siloxane PD	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
“Top Rock Realen”	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Weather Seal GP	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner
“Top Rock Warm Spring Flats”	No Recommendations - Due to surface pigment removal	* Stand Off® SLX100™ Water & Oil Repellent or Sure Klean® Weather Seal Blok- Guard® & Graffiti Control II or Sure Klean® Weather Seal Weather Seal GP	<b><u>Graffiti Repellents</u></b> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Removers</u></b> Sure Klean® Fast Acting Stripper	<b><u>Stain Repellent</u></b> * Stand Off® SLX100™ Water & Oil Repellent  <b><u>Maintenance Cleaner</u></b> Enviro Klean® 2010 All Surface Cleaner

\* **NOTE:** Stand Off® SLX100™ Water & Oil Repellent is manufactured and marketed in compliance with VOC regulations. This product may not be suitable for sale in states and districts with more restrictive regulations.

The ability of a water repellent treatment to prevent the ingress of water 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 recommendation provided on container labels and product data sheets. On-site testing should be conducted to determine the most appropriate water repellent product and procedures for a particular project. See product literature for additional application and product information.