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Kansas Building Products

Project No. 0903-07 PTP

Thirteen types of integrally colored CMU's, all with large, small and fine aggregate were submitted for testing to AMT Laboratories by PROSOCO, Inc. to determine the optimum cleaning/cure time combination for complete removal of mortar and related new construction soiling. The effectiveness of protective water repellents and graffiti control products suitable for CMU's was also 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.

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)	Protective Water Repellents	Graffiti Control	
“Ark River Sand” Split-face CMU	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II or * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control or Sure Klean® Weather Seal Siloxane WB Concentrate	<u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removers</u> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe	
“Charcoal Chip” Split-face CMU	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II or * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control or Sure Klean® Weather Seal Siloxane WB Concentrate	<u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removers</u> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe	<u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removers</u> Enviro Klean® SafStrip® 8 or Defacer Eraser® Graffiti Wipe

Sample	New Construction Cleaning Type S Mortar (7 Day Cleaning)	Protective Water Repellents	Graffiti Control	
“Copper Road” Split-face CMU	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II or * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control or Sure Klean® Weather Seal Siloxane WB Concentrate	<u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removers</u> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe	<u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removers</u> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe
“Kansas Tan” Split-face CMU	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II or * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control or Sure Klean® Weather Seal Siloxane WB Concentrate	<u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removers</u> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe	<u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removers</u> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe
“Mink” Split-face CMU	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II or * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control or Sure Klean® Weather Seal Siloxane WB Concentrate	<u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removers</u> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper	<u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removers</u> Sure Klean® Fast Acting Stripper
“Muddy River” Split-face CMU	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II or * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control or Sure Klean® Weather Seal Siloxane WB Concentrate	<u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removers</u> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe	<u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removers</u> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe

Sample	New Construction Cleaning Type S Mortar (7 Day Cleaning)	Protective Water Repellents	Graffiti Control	
“Navajo” Split-face CMU	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II or Sure Klean® Weather Seal Siloxane WB Concentrate	<p><u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control</p> <p><u>Graffiti Removers</u> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe</p>	<p><u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II</p> <p><u>Graffiti Removers</u> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe</p>
“Old Yeller” Split-face CMU	Sure Klean® Custom Masonry Cleaner (1:6)	* Sure Klean® Weather Seal Blok-Guard® & Graffiti Control or Sure Klean® Weather Seal Siloxane WB Concentrate	<p><u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control</p> <p><u>Graffiti Removers</u> Sure Klean® Fast Acting Stripper</p>	
“Rose” Split-face CMU	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II or * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control or Sure Klean® Weather Seal Siloxane WB Concentrate	<p><u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control</p> <p><u>Graffiti Removers</u> Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe</p>	<p><u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II</p> <p><u>Graffiti Removers</u> Sure Klean® Fast Acting Stripper</p>
“Russet Red” Split-face CMU	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II or * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control or Sure Klean® Weather Seal Siloxane WB Concentrate	<p><u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control</p> <p><u>Graffiti Removers</u> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe</p>	<p><u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II</p> <p><u>Graffiti Removers</u> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe</p>

Sample	New Construction Cleaning Type S Mortar (7 Day Cleaning)	Protective Water Repellents	Graffiti Control
“Sand” Split-face CMU	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II or * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control or Sure Klean® Weather Seal Siloxane WB Concentrate	<u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removers</u> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper or Defacer Eraser® Graffiti Wipe
“Sandbar” Split-face CMU	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II or * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control or Sure Klean® Weather Seal Siloxane WB Concentrate	<u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removers</u> Enviro Klean® SafStrip® 8 or Sure Klean® Fast Acting Stripper
“Wheat” Split-face CMU	Sure Klean® Custom Masonry Cleaner (1:6)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II or * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control or Sure Klean® Weather Seal Siloxane WB Concentrate	<u>Graffiti Repellents</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removers</u> Sure Klean® Fast Acting Stripper

* **NOTE:** Sure Klean® Weather Seal Blok-Guard® & Graffiti Control 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.