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**County Materials Corporation**  
*Project No. 0704-01 PTP*

Eighteen types of integrally colored CMUs, 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 CMUs 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 <u>Type S Mortar</u> <u>(14 Day Cleaning)</u>	Protective Water Repellents	Graffiti Control
<b>“Natural Gray”</b>	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
<b>“Brick Rose”</b>	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper

Sample	New Construction Cleaning Type S Mortar <u>(14 Day Cleaning)</u>	Protective Water Repellents	Graffiti Control
<b>“Forest Berry”</b>	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
<b>“Phoenix Sun”</b>	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
<b>“Deerfield”</b>	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
<b>“Red Dust”</b>	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper

Sample	New Construction Cleaning <u>Type S Mortar</u> <u>(14 Day Cleaning)</u>	Protective Water Repellents	Graffiti Control
<b>“Washed Suede”</b>	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
<b>“Hershey Chocolate”</b>	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
<b>“Tumble Weed”</b>	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
<b>“Tobacco Road”</b>	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper

Sample	New Construction Cleaning Type S Mortar <u>(14 Day Cleaning)</u>	Protective Water Repellents	Graffiti Control
<b>“Mushroom”</b>	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
<b>“Desert Castle”</b>	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
<b>“Autumn Glow”</b>	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
<b>“October Oak”</b>	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper

Sample	New Construction Cleaning <u>Type S Mortar</u> <u>(14 Day Cleaning)</u>	Protective Water Repellents	Graffiti Control
"Taupe"	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"Pacific Beach"	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"Blackened Ash"	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"Smokey Mountain"	Sure Klean® Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6) OR Sure Klean® Burnished Custom Masonry Cleaner (1:2) OR (1:3)	*Sure Klean® Custom Masonry Sealer OR *Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	<b><u>Graffiti Repellent</u></b> * Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II  <b><u>Graffiti Remover</u></b> Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper

**\*NOTE:** Sure Klean® Custom Masonry Sealer and Sure Klean® Weather Seal Blok-Guard® & Graffiti Control 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.