

PROSOCO SINCE 1939

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Overview of Testing Conducted By PROSOCO, Inc. Anchorage Sand & Gravel, Anchorage, Anchorage, AK Project No. 0501-06

Thirteen types of integrally colored concrete masonry units, all with large, small and fine aggregate were submitted for testing using PROSOCO's new construction cleaning and water repellent products. Graffiti repellent and color enhancement products suitable for concrete masonry units were also evaluated. **New construction cleaning** was performed to evaluate effective removal of excess mortar, and related new construction soiling. Products were evaluated to determine if they created any **Surface Alterations** when used on the surface. **Protective Water Repellent** testing was performed to evaluate water repellency provided by PROSOCO's water repellents. **Graffiti Control** testing was evaluated to determine which PROSOCO product(s) are most effective at repelling and facilitating the removal of graffiti. **Color Enhancement** was evaluated for its ability to provide color enhancement to the submitted samples. Products were evaluated to determine if they created any **Adverse Effects** when used on the surface.

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 - Split-face and Smooth-face CMU's

Sample	New Construction Cleaning Type S, (14 days)	Water Repellent	Graffiti Control
"Adobe" Split-face	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Aurora" Split-face	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe

Sample	New Construction Cleaning Type S, (14 days)	Water Repellent	Graffiti Control
"Blush" Split-face	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Caribou Buff" Split-face	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Cook Inlet" Split-face	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Delta Wheat" Split-face	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe

Sample	New Construction Cleaning Type S, (14 days)	Water Repellent	Graffiti Control
"Fawn" Split-face	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Hope" Split-face	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Khaki" Split-face	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Kodiak" Split-face	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe

Sample	New Construction Cleaning Type S, (14 days)	Water Repellent	Graffiti Control
"Natural" Split-face	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Raven" Split-face	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Tile" Split-face	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe
"Caribou Buff" Smooth-face	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe

Sample	New Construction Cleaning Type S, (14 days)	Water Repellent	Graffiti Control
"Natural" Smooth-face	Sure Klean [®] Custom Masonry Cleaner (1:2) OR (1:4) OR (1:6)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe

Recommendations - Ground-face CMU's

Sample	New Construction Cleaning Type S, (14 days)	Water Repellent	Graffiti Control	Color Enhancement	Adverse Effects
"Adobe" Ground-face	Sure Klean [®] Burnished Custom Masonry Cleaner (1:2) OR (1:3)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Sure Klean [®] Burnished Block Sealer OR T-2198 Ground-face Block Enhancer (In-Plant) OR T-2186 In-Plant Treatment WB	There were no adverse effects when Sure Klean [®] Burnished Custom Masonry Cleaner (1:2) or (1:3) was used in accordance with application instructions over Sure Klean [®] Burnished Block Sealer, T-2198 Ground-face Block Enhancer (In-Plant) or T-2186 In-Plant Treatment WB.
"Aurora" Ground-face	Sure Klean [®] Burnished Custom Masonry Cleaner (1:2) OR (1:3)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Sure Klean [®] Burnished Block Sealer OR T-2198 Ground-face Block Enhancer (In-Plant) OR T-2186 In-Plant Treatment WB	There were no adverse effects when Sure Klean® Burnished Custom Masonry Cleaner (1:2) or (1:3) was used in accordance with application instructions over Sure Klean® Burnished Block Sealer, T-2198 Ground-face Block Enhancer (In-Plant) or T-2186 In-Plant Treatment WB.
"Blush" Ground-face	Sure Klean [®] Burnished Custom Masonry Cleaner (1:2) OR (1:3)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Sure Klean [®] Burnished Block Sealer OR T-2198 Ground-face Block Enhancer (In-Plant) OR T-2186 In-Plant Treatment WB	There were no adverse effects when Sure Klean® Burnished Custom Masonry Cleaner (1:2) or (1:3) was used in accordance with application instructions over Sure Klean® Burnished Block Sealer, T-2198 Ground-face Block Enhancer (In-Plant) or T-2186 In-Plant Treatment WB.

Sample	New Construction Cleaning Type S, (14 days)	Water Repellent	Graffiti Control	Color Enhancement	Adverse Effects
"Cook Inlet" Ground-face	Sure Klean [®] Burnished Custom Masonry Cleaner (1:2) OR (1:3)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	T-2198 Ground-face Block Enhancer (In-Plant)	There were no adverse effects when Sure Klean® Burnished Custom Masonry Cleaner (1:2) or (1:3) was used in accordance with application instructions over Sure Klean® Burnished Block Sealer, T-2198 Ground-face Block Enhancer (In-Plant) or T-2186 In-Plant Treatment WB.
"Delta Wheat" Ground-face	Sure Klean [®] Burnished Custom Masonry Cleaner (1:2) OR (1:3)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Sure Klean [®] Burnished Block Sealer OR T-2198 Ground-face Block Enhancer (In-Plant) OR T-2186 In-Plant Treatment WB	There were no adverse effects when Sure Klean® Burnished Custom Masonry Cleaner (1:2) or (1:3) was used in accordance with application instructions over Sure Klean® Burnished Block Sealer, T-2198 Ground-face Block Enhancer (In-Plant) or T-2186 In-Plant Treatment WB.
"Fawn" Ground-face	Sure Klean [®] Burnished Custom Masonry Cleaner (1:2) OR (1:3)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Sure Klean® Burnished Block Sealer OR T-2198 Ground-face Block Enhancer (In-Plant) OR T-2186 In-Plant Treatment WB	There were no adverse effects when Sure Klean® Burnished Custom Masonry Cleaner (1:2) or (1:3) was used in accordance with application instructions over Sure Klean® Burnished Block Sealer, T-2198 Ground-face Block Enhancer (In-Plant) or T-2186 In-Plant Treatment WB.

Sample	New Construction Cleaning Type S, (14 days)	Water Repellent	Graffiti Control	Color Enhancement	Adverse Effects
"Hope" Ground-face	Sure Klean [®] Burnished Custom Masonry Cleaner (1:2) OR (1:3)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	T-2198 Ground-face Block Enhancer (In-Plant) OR T-2186 In-Plant Treatment WB	There were no adverse effects when Sure Klean® Burnished Custom Masonry Cleaner (1:2) or (1:3) was used in accordance with application instructions over Sure Klean® Burnished Block Sealer, T-2198 Ground-face Block Enhancer (In-Plant) or T-2186 In-Plant Treatment WB.
"Khaki" Ground-face	Sure Klean [®] Burnished Custom Masonry Cleaner (1:2) OR (1:3)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	T-2198 Ground-face Block Enhancer (In-Plant)	There were no adverse effects when Sure Klean® Burnished Custom Masonry Cleaner (1:2) or (1:3) was used in accordance with application instructions over Sure Klean® Burnished Block Sealer, T-2198 Ground-face Block Enhancer (In-Plant) or T-2186 In-Plant Treatment WB.
"Kodiak" Ground-face	Sure Klean [®] Burnished Custom Masonry Cleaner (1:2) OR (1:3)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Sure Klean [®] Burnished Block Sealer OR T-2198 Ground-face Block Enhancer (In-Plant) OR T-2186 In-Plant Treatment WB	There were no adverse effects when Sure Klean® Burnished Custom Masonry Cleaner (1:2) or (1:3) was used in accordance with application instructions over Sure Klean® Burnished Block Sealer, T-2198 Ground-face Block Enhancer (In-Plant) or T-2186 In-Plant Treatment WB.

Sample	New Construction Cleaning Type S, (14 days)	Water Repellent	Graffiti Control	Color Enhancement	Adverse Effects
"Raven" Ground-face	Sure Klean [®] Burnished Custom Masonry Cleaner (1:2) OR (1:3)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Sure Klean® Burnished Block Sealer OR T-2198 Ground-face Block Enhancer (In-Plant) OR T-2186 In-Plant Treatment WB	There were no adverse effects when Sure Klean® Burnished Custom Masonry Cleaner (1:2) or (1:3) was used in accordance with application instructions over Sure Klean® Burnished Block Sealer, T-2198 Ground-face Block Enhancer (In-Plant) or T-2186 In-Plant Treatment WB.
"Tile" Ground-face	Sure Klean [®] Burnished Custom Masonry Cleaner (1:2) OR (1:3)	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)	Graffiti Repellents Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II Graffiti Removers Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Sure Klean [®] Burnished Block Sealer OR T-2198 Ground-face Block Enhancer (In-Plant) OR T-2186 In-Plant Treatment WB	There were no adverse effects when Sure Klean® Burnished Custom Masonry Cleaner (1:2) or (1:3) was used in accordance with application instructions over Sure Klean® Burnished Block Sealer, T-2198 Ground-face Block Enhancer (In-Plant) or T-2186 In-Plant Treatment WB.

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 or water repellent products and procedures for a particular project. See product literature for additional application and safety information.