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**Overview of Testing Conducted By PROSOCO, Inc.
Florida Precast Specialty Products, LLC, Bradenton, FL
Project No. 0506-27**

Five types of precast concrete panels with fiber reinforcement and vermiculite were submitted to PROSOCO, Inc.'s Testing Laboratory with a request to determine if application of the products evaluated will produce any surface alteration during new construction cleaning operations. Additionally, the effectiveness of water repellents, graffiti control products, stain repellents and color enhancement products suitable for precast concrete were evaluated. **New Construction Cleaning** was performed to evaluate effective removal of excess mortar, and related new construction soiling. **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. **Stain Repellent** testing was conducted to determine which PROSOCO product(s) are most effective at repelling and facilitating the removal of stains. **Color Enhancement** was also evaluated.

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 N mortar (21 Day Cleaning)	Protective Water Repellents	Graffiti Control	Stain Repellent	Color Enhancement
"Buff"	Sure Klean® Light Duty Concrete Cleaner (1:6) <u>Limiting Surface Alterations</u> Sure Klean® Light Duty Concrete Cleaner (1:6) OR Enviro Klean® Safety Klean (1:3) OR Enviro Klean® 2010 All Surface Cleaner (1:10)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane PD OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Impregnator	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Impregnator OR Consolideck® DuraSheen <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)	Consolideck® DuraSheen
"Coral"	Sure Klean® Light Duty Concrete Cleaner (1:6) <u>Limiting Surface Alterations</u> Sure Klean® Light Duty Concrete Cleaner (1:6) OR Enviro Klean® Safety Klean (1:3) OR Enviro Klean® 2010 All Surface Cleaner (1:10)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane PD OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Impregnator	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Impregnator OR Consolideck® DuraSheen <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)	Consolideck® DuraSheen

Sample	New Construction Cleaning Type N mortar (21 Day Cleaning)	Protective Water Repellents	Graffiti Control	Stain Repellent	Color Enhancement
“Harvest Gold”	Sure Klean® Light Duty Concrete Cleaner (1:6) <u>Limiting Surface Alterations</u> Sure Klean® Light Duty Concrete Cleaner (1:6) OR Enviro Klean® Safety Klean (1:3) OR Enviro Klean® 2010 All Surface Cleaner (1:10)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane PD OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Impregnator	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Impregnator OR Consolidateck® DuraSheen <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)	Consolidateck® DuraSheen
“Natural”	Sure Klean® Light Duty Concrete Cleaner (1:6) <u>Limiting Surface Alterations</u> Sure Klean® Light Duty Concrete Cleaner (1:6) OR Enviro Klean® Safety Klean (1:3) OR Enviro Klean® 2010 All Surface Cleaner (1:10)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane PD OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Impregnator	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Impregnator OR Consolidateck® DuraSheen <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)	Consolidateck® DuraSheen
“Slate”	Sure Klean® Light Duty Concrete Cleaner (1:6) <u>Limiting Surface Alterations</u> Sure Klean® Light Duty Concrete Cleaner (1:6) OR Enviro Klean® Safety Klean (1:3) OR Enviro Klean® 2010 All Surface Cleaner (1:10)	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II OR Sure Klean® Weather Seal Siloxane PD OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Impregnator	Sure Klean® Weather Seal Blok-Guard® & Graffiti Control II <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Impregnator OR Consolidateck® DuraSheen <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)	Consolidateck® DuraSheen

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.