

**OVERVIEW OF TESTING CONDUCTED BY PROSOCO, Inc.**  
**FOR H.C. MUDDOX, SACRAMENTO, CA**

**PROJECTS No. 0402-05**

Forty five different types of clay brick and one type of clay paver were submitted for testing using PROSOCO's new construction cleaning and water repellent products. **New construction cleaning** was performed using PROSOCO's new construction cleaners to evaluate effective removal of excess grout, mortar, and related new construction soiling. **Surface Alteration** on the clay paver and brick units was evaluated visually based upon perceived discoloration/etching of the submitted samples. **Protective Water Repellent** testing was performed to evaluate water repellency provided by PROSOCO's water repellents. **Graffiti Control** testing was evaluated on the submitted pavers to determine which PROSOCO product(s) are most effective at repelling and facilitating the removal of graffiti; in addition to determining the most effective product to remove graffiti from treated and untreated samples. **Stain Repellency** testing was conducted on the pavers 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 for cleaning, color uniformity, surface alterations, water repellent, color enhancement, graffiti control, and stain repellency treatments for each type masonry unit are also provided in the chart below.

Sample Brick or Paver Type	New Construction Cleaning (Ash Grove Type N cementitious mortar applied 7, 14 and 21 day cleaning)	Limiting Surface Alterations	Water Repellent	Graffiti Control (repellent / remover)
"1183 Burnt Rose"	Sure Klean® Vana Trol®(1:6)	Sure Klean® Vana Trol®(1:6)	Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) OR (1:14)	Defacer Eraser® Graffiti Barrier S / OR Defacer Eraser® Sacrificial Coating SC-1 / Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"California Rose"				Defacer Eraser® Graffiti Barrier S / Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"Clinkers"				Defacer Eraser® Sacrificial Coating SC-1 / Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"Coventry"				Defacer Eraser® Graffiti Barrier S / OR Defacer Eraser® Sacrificial Coating SC-1 / Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"1081 Dusty Rose "				Defacer Eraser® Graffiti Barrier S / Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"479 Ebony "				Defacer Eraser® Graffiti Barrier S / OR Defacer Eraser® Sacrificial Coating SC-1 / Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper

Sample Brick or Paver Type	New Construction Cleaning (Ash Grove Type N cementitious mortar applied 7, 14 and 21 day cleaning)	Limiting Surface Alterations	Water Repellent	Graffiti Control (repellent / remover)		
"English Rose"	Sure Klean® Vana Trol®(1:6)	Sure Klean® Vana Trol®(1:6)	Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) OR (1:14)	Defacer Eraser® Graffiti Barrier S / Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper		
"Mendicino"				Defacer Eraser® Graffiti Barrier S / OR Defacer Eraser® Sacrificial Coating SC-1 / Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper		
"Monterey Bay Flashed Wire Cut"				Defacer Eraser® Graffiti Barrier S / Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper		
"1230 Mountain Rose"			Sure Klean® Vana Trol®(1:6)	Sure Klean® Vana Trol®(1:6)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) OR (1:14)	Defacer Eraser® Graffiti Barrier S / OR Defacer Eraser® Sacrificial Coating SC-1 / Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"Old Sacramento Blend"						
"890 Old Town Red"						
"1717 Sierra Slate"						
"3137 Summer Wheat"						
"Tuscany" Clay Bricks						
"1924 Frosted Almond"						
"French Oak"						
"Monterey Bay Flashed Smooth"	Sure Klean® Vana Trol®(1:8) OR Sure Klean® 600 Detergent (1:8)	Sure Klean® Vana Trol®(1:8) OR Sure Klean® 600 Detergent (1:8)	Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) OR (1:14)	Defacer Eraser® Graffiti Barrier S / OR Defacer Eraser® Sacrificial Coating SC-1 / Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper		
"1379 Spanish Moss"						
"3059 Sutter Gold"						
"Tumbleweed" Clay Bricks						
"Folsom Gold"						
"2879 Tule Fog"	Sure Klean® Vana Trol®(1:8)	Sure Klean® Vana Trol®(1:8)	Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) OR (1:14)	Defacer Eraser® Graffiti Barrier S / OR Defacer Eraser® Sacrificial Coating SC-1 / Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper		
"3062 Bronze Ridge"						
"Railroad Blend"						

Sample Brick or Paver Type	New Construction Cleaning (Ash Grove Type N cementitious mortar applied 7, 14 and 21 day cleaning)	Limiting Surface Alterations	Water Repellent	Graffiti Control (repellent / remover)
"Sierra Gold"	Sure Klean® Vana Trol®(1:8)	Sure Klean® Vana Trol®(1:8)	Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	Defacer Eraser® Graffiti Barrier S / OR Defacer Eraser® Sacrificial Coating SC-1 / Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"Carquinox Antique"			Sure Klean® Weather Seal Siloxane PD OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9) OR (1:14)	Defacer Eraser® Graffiti Barrier S / Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
"Northwest Used"				Defacer Eraser® Graffiti Barrier S / OR Defacer Eraser® Sacrificial Coating SC-1 / Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper
All Other Submitted Clay Brick				
"1535 Iron Spot Wire Cut" Clay Paver	Enviro Klean® Safety Klean (1:3)	Enviro Klean® Safety Klean (1:3)	Consolideck® Saltguard WB OR Sure Klean® Weather Seal Siloxane WB Concentrate (1:9)	Defacer Eraser® Sacrificial Coating SC-1 / Defacer Eraser® Graffiti Wipe OR Sure Klean® Fast Acting Stripper

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 graffiti control products and procedures for a particular project. See product literature for additional application and safety information.

### RECOMMENDATIONS – STAIN REPELLENCY

Recommendations for stain resistance treatment for the clay paver submitted by H.C. Muddox, Sacramento, CA, are provided in the chart below.

Sample	Stain Repellent	Maintenance Cleaner
"1535 Iron Spot Wire Cut" Paver	Stand Off® Stone, Tile & Masonry Protector OR Stand Off® SLX100 Water & Oil Repellent	Enviro Klean® 2010 All Surface Cleaner (1:10)