## **Overview of Testing Conducted By PROSOCO, Inc.** McNear Brick & Block: Brick, San Rafael, CA Project No. 0504-11

Eight types of clay brick were submitted for testing to PROSOCO Inc.'s Testing Laboratory with a request to evaluate new construction cleaning products. Additionally, the effectiveness of water repellents and graffiti control products was 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.

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

PROSOCO	Sample	New Construction Cleaning Type N Mortar (21 Day Cleaning)	Protective Water Repellents	Graffiti Control
SINCE 1939 Corporate Office 3741 Greenway Circle Lawrence, KS 66046 (800) 255-4255 (785) 830-9797 Auto attendant (800) 491-2700 Customer Care Fax: (800) 877-2700 e-mail: prosoco@prosoco.com	"Cascada" Clay Brick	Enviro Klean <sup>®</sup> Safety Klean (1:2) OR (1:3) OR Sure Klean <sup>®</sup> Vana Trol <sup>®</sup> (1:6) OR (1:8)	Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control II OR Sure Klean <sup>®</sup> Weather Seal Siloxane PD	<u>Graffiti Repellency</u> Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control II <u>Graffiti Removal</u> Sure Klean <sup>®</sup> Fast Acting Stripper OR Defacer Eraser <sup>®</sup> Graffiti Wipe
	"Hacienda" Clay Brick	Enviro Klean <sup>®</sup> Safety Klean (1:2) OR (1:3) OR Sure Klean <sup>®</sup> Vana Trol <sup>®</sup> (1:6) OR (1:8)	Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control II OR Sure Klean <sup>®</sup> Weather Seal Siloxane PD	<u>Graffiti Repellency</u> Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control II <u>Graffiti Removal</u> Sure Klean <sup>®</sup> Fast Acting Stripper OR Defacer Eraser <sup>®</sup> Graffiti Wipe
	"Harmon" Clay Brick	Enviro Klean <sup>®</sup> Safety Klean (1:2) OR (1:3) OR Sure Klean <sup>®</sup> Vana Trol <sup>®</sup> (1:6) OR (1:8)	Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control II OR Sure Klean <sup>®</sup> Weather Seal Siloxane PD	<u>Graffiti Repellency</u> Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control II <u>Graffiti Removal</u> Sure Klean <sup>®</sup> Fast Acting Stripper OR Defacer Eraser <sup>®</sup> Graffiti Wipe

Sample	New Construction Cleaning Type N Mortar (21 Day Cleaning)	Protective Water Repellents	Graffiti Control
"Melrose" Clay Brick	*Enviro Klean <sup>®</sup> Safety Klean (1:2) OR (1:3) OR *Sure Klean <sup>®</sup> Vana Trol <sup>®</sup> (1:6) OR (1:8)	Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control II	<u>Graffiti Repellency</u> Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control II <u>Graffiti Removal</u> Sure Klean <sup>®</sup> Fast Acting Stripper OR Defacer Eraser <sup>®</sup> Graffiti Wipe
"Old Myford" Clay Brick	Enviro Klean <sup>®</sup> Safety Klean (1:2) OR (1:3) OR Sure Klean <sup>®</sup> Vana Trol <sup>®</sup> (1:6) OR (1:8)	Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control II OR Sure Klean <sup>®</sup> Weather Seal Siloxane PD	<u>Graffiti Repellency</u> Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control II <u>Graffiti Removal</u> Sure Klean <sup>®</sup> Fast Acting Stripper OR Defacer Eraser <sup>®</sup> Graffiti Wipe
"Rawhide" Clay Brick	Enviro Klean <sup>®</sup> Safety Klean (1:2) OR (1:3) OR Sure Klean <sup>®</sup> Vana Trol <sup>®</sup> (1:6) OR (1:8)	Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control II OR Sure Klean <sup>®</sup> Weather Seal Siloxane PD	<u>Graffiti Repellency</u> Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control II <u>Graffiti Removal</u> Sure Klean <sup>®</sup> Fast Acting Stripper OR Defacer Eraser <sup>®</sup> Graffiti Wipe
"Sahara" Clay Brick	Enviro Klean <sup>®</sup> Safety Klean (1:2) OR (1:3) OR Sure Klean <sup>®</sup> Vana Trol <sup>®</sup> (1:6) OR (1:8)	Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control II OR Sure Klean <sup>®</sup> Weather Seal Siloxane PD	<u>Graffiti Repellency</u> Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control II <u>Graffiti Removal</u> Sure Klean <sup>®</sup> Fast Acting Stripper OR Defacer Eraser <sup>®</sup> Graffiti Wipe

\*NOTE: Both dilutions of Enviro Klean<sup>®</sup> Safety Klean and Sure Klean<sup>®</sup> Vana Trol<sup>®</sup>, combined with surface agitation, removed slight amounts of the white engobe finish from the surface of the "Melrose" clay brick.

Sample	New Construction Cleaning Type N Mortar (21 Day Cleaning)	Protective Water Repellents	Graffiti Control
"Santiago" Clay Brick	Enviro Klean <sup>®</sup> Safety Klean (1:2) OR (1:3) OR Sure Klean <sup>®</sup> Vana Trol <sup>®</sup> (1:6) OR (1:8)	Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control II	<u>Graffiti Repellency</u> Sure Klean <sup>®</sup> Weather Seal Blok-Guard <sup>®</sup> & Graffiti Control II <u>Graffiti Removal</u> Sure Klean <sup>®</sup> Fast Acting Stripper OR Defacer Eraser <sup>®</sup> Graffiti Wipe

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.