

**OVERVIEW OF TESTING CONDUCTED BY PROSOCO, Inc.**  
**FOR COLD SPRING GRANITE COMPANY**

**PROJECTS No. 0403-06**

Twenty-three types of granite samples were submitted to PROSOCO's Testing Laboratory with a request to determine if application of the products evaluated would produce any surface alteration during new construction cleaning operations. Additionally, the effectiveness of water repellents and stain repellents, suitable for granite substrates, were evaluated. **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 granite 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. **Stain Repellency** testing was conducted on the granite to determine which PROSOCO product(s) are most effective at repelling and facilitating the removal of stains. **Color Enhancement** evaluation was based on the ability of PROSOCO product(s) to enhance the natural color of the submitted granite 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 for cleaning, limiting surface alterations, water repellent, color enhancement, and stain repellency treatments for each type of granite are also provided in the chart below.

**RECOMMENDATIONS - CLEANING**

Sample	<b>New Construction Cleaning (3 day cleaning):</b>		
	<i>Pro-Lastic® Polymer Admixture</i>	<i>Plaster of Paris</i>	<i>Marble &amp; Granite Premium Mortar</i>
“A-2”, “A-8”, “A-11”	Sure Klean® Vana Trol® 1:6		
“A-5”, “A-11” granite samples		Sure Klean® Vana Trol® 1:6	Sure Klean® Vana Trol® 1:6 OR 1:8
“A-15” granite sample	Sure Klean® Vana Trol® 1:6	Sure Klean® Vana Trol® 1:6 OR Enviro Klean® Safety Klean 1:2	
“A-5”, “A-7” granite samples	Sure Klean® Vana Trol® 1:8		
“A-4”, “A-9” granite samples			Sure Klean® Vana Trol® 1:6 OR Enviro Klean® Safety Klean 1:2
“A-1”, “A-6” granite samples	Sure Klean® Vana Trol® 1:6 OR Enviro Klean® Safety Klean 1:2		
<b>All other submitted granite</b>	Enviro Klean® Safety Klean 1:3 OR Sure Klean® Vana Trol® 1:8	Sure Klean® Vana Trol® 1:8 OR Enviro Klean® Safety Klean 1:3	Sure Klean® Vana Trol® 1:8 OR Enviro Klean® Safety Klean 1:3

**RECOMMENDATIONS – LIMITING SURFACE ALTERATIONS**

Sample	Limiting Surface Alterations		
	<i>Pro-Lastic® Polymer Admixture</i>	<i>Plaster of Paris</i>	<i>Marble &amp; Granite Premium Mortar</i>
“A-2”, “A-8” granite samples	Sure Klean® Vana Trol® 1:6		
“A-11” granite sample	Sure Klean® Vana Trol® 1:6		Sure Klean® Vana Trol® 1:6 OR 1:8
“A-7” granite sample	Sure Klean® Vana Trol® 1:8		
“A-15” granite sample	Sure Klean® Vana Trol® 1:6	Sure Klean® Vana Trol® 1:6 OR Enviro Klean® Safety Klean 1:2	
“A-1”, “A-6” granite samples	Sure Klean® Vana Trol® 1:6 OR Enviro Klean® Safety Klean 1:2		
“A-5” granite sample	Sure Klean® Vana Trol® 1:8	Sure Klean® Vana Trol® 1:6	Sure Klean® Vana Trol® 1:6 OR 1:8
“A-4”, “A-9” granite samples			Sure Klean® Vana Trol® 1:6 OR Enviro Klean® Safety Klean 1:2
All other submitted granite	Enviro Klean® Safety Klean 1:3 OR Sure Klean® Vana Trol® 1:8	Sure Klean® Vana Trol® 1:8 OR Enviro Klean® Safety Klean 1:3	Sure Klean® Vana Trol® 1:8 OR Enviro Klean® Safety Klean 1:3

**RECOMMENDATIONS – PROTECTIVE WATER REPELLENTS**

Sample	Water Repellent	Dilution
All submitted granite samples	Sure Klean® Weather Seal SL100	Concentrate
	Stand Off® SLX100 Water & Oil Repellent	Concentrate

**RECOMMENDATIONS – STAIN RESISTANCE**

Sample	Stain Repellent	Maintenance Cleaner
<p><b>All submitted granite samples</b></p>	<p>Stand Off<sup>®</sup> SLX100 Water &amp; Oil Repellent OR Stand Off<sup>®</sup> Stone, Tile &amp; Masonry Protector OR Stand Off<sup>®</sup> Impregnator</p>	<p>Enviro Klean<sup>®</sup> 2010 All Surface Cleaner (1:10)</p>

**RECOMMENDATIONS – COLOR ENHANCEMENT**

Sample	Color Enhancer
<p><b>All non-polished granite samples</b></p>	<p>Sure Klean<sup>®</sup> Paver Enhancer</p>

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.