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

<table>
<thead>
<tr>
<th>Sample</th>
<th>New Construction Cleaning (3 day cleaning):</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><em>Pro-Lastic® Polymer Admixture</em></td>
</tr>
<tr>
<td>“A-5”, “A-7” granite samples</td>
<td>Sure Klean® Vana Trol® 1:8</td>
</tr>
<tr>
<td>“A-4”, “A-9” granite samples</td>
<td></td>
</tr>
<tr>
<td>“A-1”, “A-6” granite samples</td>
<td>Sure Klean® Vana Trol® 1:6 OR Enviro Klean® Safety Klean 1:2</td>
</tr>
<tr>
<td>All other submitted granite</td>
<td>Enviro Klean® Safety Klean 1:3 OR Sure Klean® Vana Trol® 1:8</td>
</tr>
</tbody>
</table>
## RECOMMENDATIONS – LIMITING SURFACE ALTERATIONS

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

## RECOMMENDATIONS – PROTECTIVE WATER REPELLENTS

<table>
<thead>
<tr>
<th>Sample</th>
<th>Water Repellent</th>
<th>Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>All submitted granite samples</td>
<td>Sure Klean® Weather Seal SL100</td>
<td>Concentrate</td>
</tr>
<tr>
<td></td>
<td>Stand Off® SLX100 Water &amp; Oil Repellent</td>
<td></td>
</tr>
</tbody>
</table>
### RECOMMENDATIONS – STAIN RESISTANCE

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

### RECOMMENDATIONS – COLOR ENHANCEMENT

<table>
<thead>
<tr>
<th>Sample</th>
<th>Color Enhancer</th>
</tr>
</thead>
<tbody>
<tr>
<td>All non-polished granite samples</td>
<td>Sure Klean® Paver Enhancer</td>
</tr>
</tbody>
</table>

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.