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***Navastone***  
*Project No. 0610-15 PTP*

Seven types of concrete pavers were submitted to AMT Laboratories by PROSOCO, Inc. with a request to determine the optimal concentration of cleaner for removal of laboratory applied mortar while leaving the external surface looking most like the natural through-body color of the concrete paver during new construction cleaning operations. Additionally, the effectiveness of water repellents, stain repellents and color/sheen enhancement products suitable for concrete pavers was evaluated. **New Construction Cleaning** was performed to evaluate the effectiveness of the selected PROSOCO products at removing excess Type N and S Mortar, and related new construction soiling, while limiting potential surface alterations to the finish. **Protective Water Repellent** testing was performed to evaluate which PROSOCO water repellent(s) are most effective at providing protection from wind driven rain. **Stain Repellency** testing was conducted to determine which PROSOCO product(s) are most effective at repelling and facilitating the removal of stains. **Color and Sheen Enhancement** was evaluated to determine which PROSOCO product(s) are most effective at providing color and/or sheen enhancement to the submitted 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 are also provided in the chart below.

**Recommendations**

Sample	New Construction Cleaning	Protective Water Repellents	Stain Repellency	Color and Sheen Enhancement
<b>“Shale Black”</b>	<p><b><u>Type S Mortar (14 Day Cleaning)</u></b>            Paver Kare® Cleaner/Brightener            (1:2) OR (1:3)            OR            Sure Klean® Custom            Masonry Cleaner (1:6)</p> <p><b><u>Type N Mortar (14 Day Cleaning)</u></b>            Paver Kare® Cleaner/Brightener            (1:2) OR (1:3)            OR            Sure Klean® Custom            Masonry Cleaner (1:6)</p>	<p>*Paver Kare® Paver            Enhancer            OR            Consolideck® Saltguard®            WB            OR            Stand Off® SLX100 Water            &amp; Oil Repellent</p>	<p style="text-align: center;"><b><u>Stain Repellent</u></b></p> <p>Stand Off® SLX100 Water &amp; Oil Repellent            OR            Stand Off® Stone, Tile &amp; Masonry Protector            (STMP)</p> <p style="text-align: center;"><b><u>Maintenance Cleaner</u></b></p> <p>Enviro Klean® 2010 All Surface Cleaner            (1:10)</p>	<p style="text-align: center;"><b><u>Color Enhancement</u></b></p> <p>*Paver Kare® Paver Enhancer            OR            *Stand Off® Gloss ‘N Guard            OR            *Paver Kare® Deep Sheen            OR            Paver Kare® Deep Sheen WB</p> <p style="text-align: center;"><b><u>Sheen Enhancement</u></b></p> <p>*Stand Off® Gloss ‘N Guard            OR            *Paver Kare® Deep Sheen            OR            Paver Kare® Deep Sheen WB</p>
<b>“Limestone White”</b>	<p><b><u>Type S Mortar (14 Day Cleaning)</u></b>            Paver Kare® Cleaner/Brightener            (1:2) OR (1:3)            OR            Sure Klean® Custom            Masonry Cleaner (1:6)</p> <p><b><u>Type N Mortar (14 Day Cleaning)</u></b>            Paver Kare® Cleaner/Brightener            (1:2) OR (1:3)            OR            Sure Klean® Custom            Masonry Cleaner (1:6)</p>	<p>*Paver Kare® Paver            Enhancer            OR            Consolideck® Saltguard®            WB            OR            Stand Off® SLX100 Water            &amp; Oil Repellent</p>	<p style="text-align: center;"><b><u>Stain Repellent</u></b></p> <p>Stand Off® SLX100 Water &amp; Oil Repellent            OR            Stand Off® Stone, Tile &amp; Masonry Protector            (STMP)</p> <p style="text-align: center;"><b><u>Maintenance Cleaner</u></b></p> <p>Enviro Klean® 2010 All Surface Cleaner            (1:10)</p>	<p style="text-align: center;"><b><u>Color Enhancement</u></b></p> <p>*Paver Kare® Paver Enhancer            OR            *Stand Off® Gloss ‘N Guard            OR            *Paver Kare® Deep Sheen</p> <p style="text-align: center;"><b><u>Sheen Enhancement</u></b></p> <p>*Paver Kare® Deep Sheen            OR            Paver Kare® Deep Sheen WB</p>

Sample	New Construction Cleaning	Protective Water Repellents	Stain Repellency	Color and Sheen Enhancement
"Cappuccino"	<p><b><u>Type S Mortar (14 Day Cleaning)</u></b>  Paver Kare® Cleaner/Brightener  (1:2) OR (1:3)  OR  Sure Klean® Custom  Masonry Cleaner (1:6)</p> <p><b><u>Type N Mortar (14 Day Cleaning)</u></b>  Paver Kare® Cleaner/Brightener  (1:2) OR (1:3)  OR  Sure Klean® Custom  Masonry Cleaner (1:6)</p>	<p>*Paver Kare® Paver  Enhancer  OR  Consolideck® Saltguard®  WB  OR  Stand Off® SLX100 Water  &amp; Oil Repellent</p>	<p><b><u>Stain Repellent</u></b>  Stand Off® SLX100 Water &amp; Oil Repellent  OR  Stand Off® Stone, Tile &amp; Masonry Protector  (STMP)</p> <p><b><u>Maintenance Cleaner</u></b>  Enviro Klean® 2010 All Surface Cleaner  (1:10)</p>	<p><b><u>Color Enhancement</u></b>  *Paver Kare® Paver Enhancer  OR  *Stand Off® Gloss 'N Guard  OR  *Paver Kare® Deep Sheen  OR  Paver Kare® Deep Sheen WB</p> <p><b><u>Sheen Enhancement</u></b>  *Stand Off® Gloss 'N Guard  OR  *Paver Kare® Deep Sheen  OR  Paver Kare® Deep Sheen WB</p>
"Sorrento"	<p><b><u>Type S Mortar (14 Day Cleaning)</u></b>  Paver Kare® Cleaner/Brightener  (1:2) OR (1:3)  OR  Sure Klean® Custom  Masonry Cleaner (1:6)</p> <p><b><u>Type N Mortar (14 Day Cleaning)</u></b>  Paver Kare® Cleaner/Brightener  (1:2) OR (1:3)  OR  Sure Klean® Custom  Masonry Cleaner (1:6)</p>	<p>*Paver Kare® Paver  Enhancer  OR  Consolideck® Saltguard®  WB  OR  Stand Off® SLX100 Water  &amp; Oil Repellent</p>	<p><b><u>Stain Repellent</u></b>  Stand Off® SLX100 Water &amp; Oil Repellent  OR  Stand Off® Stone, Tile &amp; Masonry Protector  (STMP)</p> <p><b><u>Maintenance Cleaner</u></b>  Enviro Klean® 2010 All Surface Cleaner  (1:10)</p>	<p><b><u>Color Enhancement</u></b>  *Paver Kare® Paver Enhancer  OR  *Stand Off® Gloss 'N Guard  OR  *Paver Kare® Deep Sheen  OR  Paver Kare® Deep Sheen WB</p> <p><b><u>Sheen Enhancement</u></b>  *Stand Off® Gloss 'N Guard  OR  *Paver Kare® Deep Sheen  OR  Paver Kare® Deep Sheen WB</p>
"Tundra Brown"	<p><b><u>Type S Mortar (14 Day Cleaning)</u></b>  Paver Kare® Cleaner/Brightener  (1:2) OR (1:3)  OR  Sure Klean® Custom  Masonry Cleaner (1:6)</p> <p><b><u>Type N Mortar (14 Day Cleaning)</u></b>  Paver Kare® Cleaner/Brightener  (1:2) OR (1:3)  OR  Sure Klean® Custom  Masonry Cleaner (1:6)</p>	<p>*Paver Kare® Paver  Enhancer  OR  Consolideck® Saltguard®  WB  OR  Stand Off® SLX100 Water  &amp; Oil Repellent</p>	<p><b><u>Stain Repellent</u></b>  Stand Off® SLX100 Water &amp; Oil Repellent  OR  Stand Off® Stone, Tile &amp; Masonry Protector  (STMP)</p> <p><b><u>Maintenance Cleaner</u></b>  Enviro Klean® 2010 All Surface Cleaner  (1:10)</p>	<p><b><u>Color Enhancement</u></b>  *Paver Kare® Paver Enhancer  OR  *Stand Off® Gloss 'N Guard  OR  *Paver Kare® Deep Sheen</p> <p><b><u>Sheen Enhancement</u></b>  *Paver Kare® Deep Sheen  OR  Paver Kare® Deep Sheen WB</p>

Sample	New Construction Cleaning	Protective Water Repellents	Stain Repellency	Color and Sheen Enhancement
"Terra Cotta"	<p><b><u>Type S Mortar (14 Day Cleaning)</u></b>  Paver Kare® Cleaner/Brightener  (1:2) OR (1:3)  OR  Sure Klean® Custom  Masonry Cleaner (1:6)</p> <p><b><u>Type N Mortar (14 Day Cleaning)</u></b>  Paver Kare® Cleaner/Brightener  (1:2) OR (1:3)  OR  Sure Klean® Custom  Masonry Cleaner (1:6)</p>	<p>*Paver Kare® Paver  Enhancer  OR  Consolideck® Saltguard®  WB  OR  Stand Off® SLX100 Water  &amp; Oil Repellent</p>	<p><b><u>Stain Repellent</u></b>  Stand Off® SLX100 Water &amp; Oil Repellent  OR  Stand Off® Stone, Tile &amp; Masonry Protector  (STMP)</p> <p><b><u>Maintenance Cleaner</u></b>  Enviro Klean® 2010 All Surface Cleaner  (1:10)</p>	<p><b><u>Color Enhancement</u></b>  *Paver Kare® Paver Enhancer  OR  *Stand Off® Gloss 'N Guard  OR  *Paver Kare® Deep Sheen  OR  Paver Kare® Deep Sheen WB</p> <p><b><u>Sheen Enhancement</u></b>  *Paver Kare® Deep Sheen  OR  Paver Kare® Deep Sheen WB</p>
"Roccia Blu"	<p><b><u>Type S Mortar (14 Day Cleaning)</u></b>  Paver Kare® Cleaner/Brightener  (1:2) OR (1:3)  OR  Sure Klean® Custom  Masonry Cleaner (1:6)</p> <p><b><u>Type N Mortar (14 Day Cleaning)</u></b>  Paver Kare® Cleaner/Brightener  (1:2) OR (1:3)  OR  Sure Klean® Custom  Masonry Cleaner (1:6)</p>	<p>*Paver Kare® Paver  Enhancer  OR  Consolideck® Saltguard®  WB  OR  Stand Off® SLX100 Water  &amp; Oil Repellent</p>	<p><b><u>Stain Repellent</u></b>  Stand Off® SLX100 Water &amp; Oil Repellent  OR  Stand Off® Stone, Tile &amp; Masonry Protector  (STMP)</p> <p><b><u>Maintenance Cleaner</u></b>  Enviro Klean® 2010 All Surface Cleaner  (1:10)</p>	<p><b><u>Color Enhancement</u></b>  *Stand Off® Gloss 'N Guard  OR  *Paver Kare® Deep Sheen</p> <p><b><u>Sheen Enhancement</u></b>  *Stand Off® Gloss 'N Guard  OR  *Paver Kare® Deep Sheen  OR  Paver Kare® Deep Sheen WB</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 stain repellent products and procedures for a particular project. See product literature for additional application and safety information.

**\*NOTE:** Paver Kare® Paver Enhancer and Paver Kare® Deep Sheen are manufactured and marketed in compliance with USEPA AIM VOC regulations (40 CFR 59.403). These products may not be suitable for sale in states and districts with more restrictive AIM VOC regulations.