



PROSOCO
SINCE 1939

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**Overview of Testing Conducted By PROSOCO, Inc.
Valders Stone & Marble, Inc., Valders, WI
Project No. 0510-10**

Six types of dolomitic limestone, each with a polished, honed, sandblasted, and flamed finish, were submitted to PROSOCO, Inc.'s Testing Laboratory with a request to determine the optimum dilution of appropriate new construction cleaning products to limit any potential surface alterations to the submitted samples. Additionally, the effectiveness of water repellents, graffiti control products, and stain repellents suitable for dolomitic limestone were evaluated. **Limiting Surface Alteration** testing 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 to determine which PROSOCO product(s) are most effective at repelling and facilitating the removal of graffiti. **Stain Repellency** testing was conducted 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 are also provided in the chart below.

Recommendations

Sample	Limiting Surface Alterations	Protective Water Repellent	Graffiti Control	Stain Repellency
"Buff" Polished Dolomitic Limestone	Not Applicable (Sure Klean® Vana Trol® is not suitable for use as a new construction cleaner on polished dolomitic limestone)	Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector	Not Applicable (Sure Klean® Weather Seal Blok-Guard® & Graffiti Control is not suitable for use as a graffiti repellent on polished dolomitic limestone)	<u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)
"Buff" Honed Dolomitic Limestone	Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector	<u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	<u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)
"Buff" Sandblasted Dolomitic Limestone	Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector	<u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	<u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)

Sample	Limiting Surface Alterations	Protective Water Repellent	Graffiti Control	Stain Repellency
“Buff” Flamed Dolomitic Limestone	Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector	<u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	<u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)
“Dove White” Polished Dolomitic Limestone	Not Applicable (Sure Klean® Vana Trol® is not suitable for use as a new construction cleaner on polished dolomitic limestone)	Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector	Not Applicable (Sure Klean® Weather Seal Blok-Guard® & Graffiti Control is not suitable for use as a graffiti repellent on polished dolomitic limestone)	<u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)
“Dove White” Honed Dolomitic Limestone	Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector	<u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	<u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)
“Dove White” Sandblasted Dolomitic Limestone	Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector	<u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	<u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)

Sample	Limiting Surface Alterations	Protective Water Repellent	Graffiti Control	Stain Repellency
<p>“Dove White” Flamed Dolomitic Limestone</p>	<p>Sure Klean® Vana Trol® (1:8)</p>	<p>Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p>	<p><u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe</p>	<p><u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
<p>“Dove White Blush” Polished Dolomitic Limestone</p>	<p>Not Applicable (Sure Klean® Vana Trol® is not suitable for use as a new construction cleaner on polished dolomitic limestone)</p>	<p>Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p>	<p>Not Applicable (Sure Klean® Weather Seal Blok-Guard® & Graffiti Control is not suitable for use as a graffiti repellent on polished dolomitic limestone)</p>	<p><u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
<p>“Dove White Blush” Honed Dolomitic Limestone</p>	<p>Sure Klean® Vana Trol® (1:8)</p>	<p>Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p>	<p><u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe</p>	<p><u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
<p>“Dove White Blush” Sandblasted Dolomitic Limestone</p>	<p>Sure Klean® Vana Trol® (1:8)</p>	<p>Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p>	<p><u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe</p>	<p><u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)</p>

Sample	Limiting Surface Alterations	Protective Water Repellent	Graffiti Control	Stain Repellency
<p>“Dove White Blush” Flamed Dolomitic Limestone</p>	<p>Sure Klean® Vana Trol® (1:8)</p>	<p>Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p>	<p><u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe</p>	<p><u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
<p>“Gray” Polished Dolomitic Limestone</p>	<p>Not Applicable (Sure Klean® Vana Trol® is not suitable for use as a new construction cleaner on polished dolomitic limestone)</p>	<p>Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p>	<p>Not Applicable (Sure Klean® Weather Seal Blok-Guard® & Graffiti Control is not suitable for use as a graffiti repellent on polished dolomitic limestone)</p>	<p><u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
<p>“Gray” Honed Dolomitic Limestone</p>	<p>Sure Klean® Vana Trol® (1:8)</p>	<p>Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p>	<p><u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe</p>	<p><u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
<p>“Gray” Sandblasted Dolomitic Limestone</p>	<p>Sure Klean® Vana Trol® (1:8)</p>	<p>Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p>	<p><u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe</p>	<p><u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)</p>

Sample	Limiting Surface Alterations	Protective Water Repellent	Graffiti Control	Stain Repellency
<p align="center">“Gray” Flamed Dolomitic Limestone</p>	<p align="center">Sure Klean® Vana Trol® (1:8)</p>	<p>Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p>	<p align="center"><u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control</p> <p align="center"><u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe</p>	<p align="center"><u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p> <p align="center"><u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
<p align="center">“River Bluff” Polished Dolomitic Limestone</p>	<p align="center">Not Applicable (Sure Klean® Vana Trol® is not suitable for use as a new construction cleaner on polished dolomitic limestone)</p>	<p align="center">Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p>	<p align="center">Not Applicable (Sure Klean® Weather Seal Blok-Guard® & Graffiti Control is not suitable for use as a graffiti repellent on polished dolomitic limestone)</p>	<p align="center"><u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p> <p align="center"><u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
<p align="center">“River Bluff” Honed Dolomitic Limestone</p>	<p align="center">Sure Klean® Vana Trol® (1:8)</p>	<p>Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p>	<p align="center"><u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control</p> <p align="center"><u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe</p>	<p align="center"><u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p> <p align="center"><u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)</p>
<p align="center">“River Bluff” Sandblasted Dolomitic Limestone</p>	<p align="center">Sure Klean® Vana Trol® (1:8)</p>	<p>Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p>	<p align="center"><u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control</p> <p align="center"><u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe</p>	<p align="center"><u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p> <p align="center"><u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)</p>

Sample	Limiting Surface Alterations	Protective Water Repellent	Graffiti Control	Stain Repellency
“River Bluff” Flamed Dolomitic Limestone	Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector	<u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	<u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)
“Tiger Stripe” Polished Dolomitic Limestone	Not Applicable (Sure Klean® Vana Trol® is not suitable for use as a new construction cleaner on polished dolomitic limestone)	Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector	Not Applicable (Sure Klean® Weather Seal Blok-Guard® & Graffiti Control is not suitable for use as a graffiti repellent on polished dolomitic limestone)	<u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)
“Tiger Stripe” Honed Dolomitic Limestone	Sure Klean® Vana Trol® (1:8)	Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector	<u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control <u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe	<u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector <u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)
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<p>“Tiger Stripe” Flamed Dolomitic Limestone</p>	<p>Sure Klean® Vana Trol® (1:8)</p>	<p>Sure Klean® Weather Seal Natural Stone Treatment WB OR Sure Klean® Weather Seal Blok-Guard® & Graffiti Control OR Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p>	<p><u>Graffiti Repellency</u> Sure Klean® Weather Seal Blok-Guard® & Graffiti Control</p> <p><u>Graffiti Removal</u> Sure Klean® Fast Acting Stripper OR Defacer Eraser® Graffiti Wipe</p>	<p><u>Stain Repellent</u> Stand Off® SLX100 Water & Oil Repellent OR Stand Off® Limestone & Marble Protector</p> <p><u>Maintenance Cleaner</u> Enviro Klean® 2010 All Surface Cleaner (1:10)</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.

