



**Consolideck® LS™ followed by  
Consolideck® SLX100™ Water & Oil Repellent  
Chemical Resistance Testing Summary**  
For PROSOCO, Inc.  
October 2008

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**TEST METHODS: Stain Resistance – ASTM D 1308**

The treatment was applied in accordance with PROSOCO, Inc. Product Data Sheet instructions and allowed to cure for 7 days prior to testing. The soiling agents were allowed to dwell on the treated and untreated substrates for times of 1 hour and 15 minutes. Evaluation consisted of a visual examination of the tested areas to determine the effect the reagent had on the sample using the following scale:

- E = Excellent (No Adverse Effects)
- G = Good (Limited Adverse Effects)
- F = Fair (Moderate Adverse Effects)
- P = Poor (Unsatisfactory)

| <b>Acids</b>       | <b>Effect<br/>15 min.</b> | <b>Effect<br/>1 Hour</b> | <b>Bases</b>                           | <b>Effect<br/>15 min.</b> | <b>Effect<br/>1 Hour</b> |
|--------------------|---------------------------|--------------------------|--|---------------------------|--------------------------|
| 10% Citric         | G                         | G                        | 5% Ammonium Hydroxide                  | E                         | G                        |
| 10% Acetic         | G                         | F                        | 30% Ammonium Hydroxide                 | E                         | E                        |
| 10% Oxalic         | G                         | F                        | 10% Potassium Hydroxide                | E                         | E                        |
| 10% Hydrochloric   | F                         | G                        | 45% Potassium Hydroxide                | E                         | G                        |
| 35% Hydrochloric   | P                         | P                        | 10% Sodium Hydroxide                   | E                         | G                        |
| 10% Phosphoric     | G                         | G                        | 50% Sodium Hydroxide                   | E                         | E                        |
| 70% Phosphoric     | G                         | E                        |  |                           |                          |
| 10% Sulfuric       | G                         | E                        | <b>Solvents</b>                        |                           |                          |
| 50% Sulfuric       | G                         | G                        | Acetone                                | E                         | E                        |
|                    |                           |                          | Mineral Spirits                        | E                         | E                        |
| <b>Alcohols</b>    |                           |                          | Xylene                                 | E                         | E                        |
| Benzyl Alcohol     | E                         | G                        | MEK                                    | E                         | G                        |
| Ethyl Alcohol      | E                         | E                        |  |                           |                          |
| Isopropyl Alcohol  | E                         | E                        | <b>Hydraulic Fluids / Oils / Fuels</b> |                           |                          |
| Methyl Alcohol     | E                         | G                        | Gasoline                               | E                         | E                        |
| Ethylene Glycol    | G                         | E                        | Brake Fluid                            | E                         | G                        |
|                    |                           |                          | Motor Oil                              | E                         | G                        |
| <b>Salts</b>       |                           |                          | Automatic Transmission Fluid           | E                         | G                        |
| Ammonium Chloride  | E                         | G                        | Skydrol                                | E                         | G                        |
| Calcium Chloride   | E                         | E                        |  |                           |                          |
| Sodium Bicarbonate | E                         | E                        | <b>Other Chemicals / Misc.</b>         |                           |                          |
| Sodium Chloride    | E                         | E                        | Cola                                   | G                         | G                        |
| Sodium Carbonate   | G                         | G                        | Mustard                                | G                         | G                        |
|                    |                           |                          | Ketchup                                | G                         | G                        |
|                    |                           |                          | Red Wine                               | G                         | G                        |
|                    |                           |                          | Balsamic Vinegar                       | G                         | G                        |
|                    |                           |                          | Vegetable Oil                          | G                         | G                        |
|                    |                           |                          | Bleach (Sodium Hypochlorite)           | E                         | G                        |
|                    |                           |                          | Tap Water                              | E                         | G                        |
|                    |                           |                          | Laundry Detergent (Tide)               | E                         | G                        |
|                    |                           |                          | Lemon Juice                            | G                         | G                        |

Test results were obtained under laboratory conditions. Reasonable variations can be expected due to environmental conditions, etc.