



CHEMICAL RESISTANCE TESTING SUMMARY (Oct. 2008)

Three (3) Applications of RetroGuard™ - 1500 ft²/gal.

Test Methods: Stain Resistance – ASTM D 1308

The treatment was applied in accordance with the *RetroGuard 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 15 minutes and 1 hour. 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) **F = Fair (Moderate Adverse Effects)**
G = Good (Limited Adverse Effects) **P = Poor (Unsatisfactory)**

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

<i>Chemical</i>	<i>Effect 15 min.</i>	<i>Effect 1 hr.</i>
Acids		
10% Citric	G	G
10% Acetic	E	G
10% Oxalic	G	F
10% Hydrochloric	G	P
35% Hydrochloric	G	P
10% Phosphoric	G	G
70% Phosphoric	E	G
10% Sulfuric	G	G
50% Sulfuric	P	P
Alcohols		
Benzyl Alcohol	P	F
Ethyl Alcohol	E	F
Isopropyl Alcohol	E	E
Methyl Alcohol	E	E
Ethylene Glycol	E	E
Salts		
Ammonium Chloride	E	G
Calcium Chloride	G	G
Sodium Bicarbonate	G	G
Sodium Chloride	E	G
Sodium Carbonate	E	E

<i>Chemical</i>	<i>Effect 15 min.</i>	<i>Effect 1 hr.</i>
Bases		
5% Ammonium Hydroxide	E	E
30% Ammonium Hydroxide	E	G
10% Potassium Hydroxide	G	G
45% Potassium Hydroxide	G	G
10% Sodium Hydroxide	G	G
50% Sodium Hydroxide	G	G
Solvents		
Acetone	G	G
Mineral Spirits	G	G
Xylene	G	G
MEK	G	G
Hydraulic Fluids / Oils / Fuels		
Gasoline	G	G
Brake Fluid	E	E
Motor Oil	G	G
Automatic Transmission Fluid	E	E
Skydrol	G	G
Other Chemicals / Misc.		
Cola	E	E
Mustard	E	G
Ketchup	E	E
Red Wine	G	G
Balsamic Vinegar	G	G
Vegetable Oil	G	G
Bleach (Sodium Hypochlorite)	E	E
Tap Water	E	E
Laundry Detergent (Tide)	E	E
Lemon Juice	G	G