



# **Consolideck® Concrete Protector WB Chemical Resistance Testing Summary** For PROSOCO, Inc. May 2017

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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 substrate for 15 minutes, 1 hour, and 4 hours. 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)

## **Polished Concrete**

	Concrete Protector WB			Underlying Substrate				Concrete Protector WB			Underlying Substrate		
	15 min	1 hr	4 hr	15 min	1 hr	4 hr		15 min	1 hr	4 hr	15 min	1 hr	4 hr
<b>Acids</b>							<b>Bases</b>						
10% Citric	F	F	F	F	F	F	5% Ammonium Hydroxide	E	E	E	E	E	E
10% Acetic	P	P	P	P	P	P	30% Ammonium Hydroxide	E	E	E	E	E	E
10% Oxalic	E	G	G	E	G	G	10% Potassium Hydroxide	E	G	G	G	G	G
10% Hydrochloric	P	P	P	P	P	P	45% Potassium Hydroxide	E	G	G	G	G	G
35% Hydrochloric	P	P	P	P	P	P	10% Sodium Hydroxide	E	E	G	G	G	G
10% Phosphoric	F	P	P	F	P	P	50% Sodium Hydroxide	E	E	G	G	F	F
70% Phosphoric	F	P	P	F	P	P	<b>Solvents</b>						
10% Sulfuric	F	P	P	F	P	P	Acetone	E	E	E	E	E	E
50% Sulfuric	P	P	P	P	P	P	Mineral Spirits	E	E	E	E	E	E
<b>Alcohols</b>							Xylene	E	E	E	E	E	E
Benzyl Alcohol	E	E	E	E	E	E	<b>Hydraulic Fluids / Oils / Fuels</b>						
Ethyl Alcohol	E	E	E	E	E	E	Gasoline	E	E	E	E	E	E
Isopropyl Alcohol	E	E	E	E	E	E	Brake Fluid	E	E	E	E	E	E
Ethylene Glycol	E	E	E	E	E	E	Motor Oil	E	E	E	E	E	E
<b>Salts</b>							Automatic Trans. Fluid	E	E	E	E	E	E
Calcium Chloride	E	E	E	E	E	E	Skydrol	E	E	G	E	E	E
Sodium Bicarbonate	E	E	E	E	E	E	<b>Other Chemicals / Misc.</b>						
Sodium Chloride	E	E	E	E	E	E	Cola	E	E	E	E	E	E
							Mustard	E	E	E	E	E	E
							Ketchup	E	E	E	E	E	E
							Red Wine	E	E	E	E	E	E
							Balsamic Vinegar	E	E	E	E	E	E
							Vegetable Oil	E	E	E	E	E	E
							Bleach	E	E	E	E	E	E
							Tap Water	E	E	E	E	E	E
							Laundry Detergent (Tide)	E	E	E	E	E	E
							Lemon Juice	E	E	E	E	E	E

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