ROCK TRED
POLYMER COATING SOLUTIONS
Defining Excellence Since 1939

Chemical Resistance Specifier

Resistance Key

The following numerical system is used to rate the resistance of ROCK-TRED Products to the listed chemical

1 – Excellent
2 – Good
3 – Fair
4 – Occasional Spills OK
5 – Not Recommended for this Chemical
6 – Not Tested

Use this information to help determine the suitability of ROCK-TRED Products in different chemical environments.

NOTE: These tests cannot duplicate actual plant conditions where abrasion, chemical combinations and housekeeping procedures may have major effects on the life of a coating system. A test patch is always the best guide to selecting a system for a particular environment.

	ROCK-CRETE SL, TR & DRESSING	NOVO-POXI	CHEM-ROCK LV, MV, HV	NOVO-BRITE	CHEM-THANE 509	CHEM-THANE P100
Acetic Acid 5%	1	1	1	1	3	3
Acetic Acid 10%	2	1	2	2	3	3
Acetic Acid, Glacial	2	1	4	2	5	5
Acetone	2	1	3	2	5	5
Acrylonitrile	4	3	4	4	5	5
Aluminum Chloride <50%	1	1	1	1	2	2
Aluminum Chloride >50%	1	1	1	1	6	6
Ammonium Hydroxide < 20%	1	1	1	1	4	4
Ammonium Hydroxide > 40%	2	2	2	2	5	5
Ammonium Nitrate Sat.	1	1	1	1	3	3
Ammonium Persulfate	1	1	1	1	2	2
Ammonium Sulfate Sat.	1	1	1	1	2	2
Aniline	4	2	4	3	5	5
Alcohol, Methyl	3	2	4	3	5	5
Alcohol, Isopropyl	2	1	2	2	3	3
Amyl Acetate	1	1	1	1	2	2
Beer	1	1	1	1	1	1
Benzoic Acid	1	1	1	1	3	3

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Benzene	3	2	4	4	4	4
Boric Acid 30%	1	1	1	1	1	1
Butyl Acetate	2	1	2	2	4	4
Butyl Lactate	2	1	2	2	6	6
Butyric Acid 10%	3	1	3	3	3	3
Bromine	5	1	5	3	5	5
Calcium Chloride 50%	1	1	1	1	1	1
Calcium Hydroxide Sat.	1	1	1	1	4	4
Ca Hypochlorite < 15%	1	1	2	1	4	4
Carbon Disulfide	5	5	5	5	5	5
Carbon Tetrachloride	1	1	1	1	3	3
Chlorobenzene	1	1	3	1	5	5
Chloroform	5	5	5	5	5	5
Chromic Acid 10%	1	1	1	1	3	3
Chromic Acid 20%	2	1	3	2	5	5
Citric Acid 50%	1	1	1	1	3	3
Copper Flueroborate	1	1	1	1	6	6
Corn Oil	1	1	1	1	1	1

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Cyclohexane	1	1	1	1	4	4
Cyclohexanol	1	1	1	1	6	6
Cyclohexanone	3	2	4	3	5	5
Diacetone Alcohol	1	1	1	1	2	2
Diethyl Phthalate	1	1	1	1	6	6
Diglycolic Acid	1	1	1	1	6	6
Dimethyl Phthalate	1	1	1	1	6	6
Ethyl Acetate	3	2	3	3	3	3
Ethyleneglycol	1	1	1	1	1	1
Ether	2	1	3	2	6	6
Ethylene Dichloride	4	2	5	4	5	5
Fatty Acid	1	1	1	1	3	3
Ferric Chloride	2	1	2	2	4	4
Ferrousulfate	2	1	2	2	6	6
Formaldehyde	1	1	1	1	4	4
Formic Acid < 10%	2	1	3	2	4	4
Formic Acid >10%	3	2	4	3	5	5
Fluoboric Acid	1	1	1	1	6	6
Gasoline	1	1	1	1	1	1
Glutamate	1	1	1	1	6	6
Glycerine	1	1	1	1	1	1
Glyoxal	1	1	1	1	1	1
Hydrochloric Acid 15%	1	1	1	1	3	3
Hydrochloric Acid 37%	2	1	2	2	5	5
Hydro Fluric Acid 5%	2	1	2	2	4	4

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Hydro Fluric Acid 15%	3	2	2	3	5	5
Hydrogen peroxide 10%	1	1	1	1	4	4
Hypochlorous Acid 5%	1	1	1	1	6	6
JP5 Jet Fuel	1	1	1	1	1	1
Juices, Fruit	1	1	1	1	1	1
Juices, Vegetable	1	1	1	1	1	1
Kerosene	1	1	1	1	1	1
Lactic Acid <20%	1	1	3	1	2	2
Lactic Acid 25%	2	1	3	2	3	3
Lanoline	1	1	1	1	6	6
Lard	1	1	1	1	1	1
Linseed Oil	1	1	1	1	1	1
Maleic Acid 30%	1	1	1	1	6	6
Maleic Acid 60%	2	1	3	2	6	6
Malic 50%	1	1	1	1	6	6
Mayonnaise	1	1	1	1	1	1
Methyl Ethyl Ketone	4	3	5	4	5	5
Methylisobutyl Ketone	4	3	5	4	5	5
Methyl Salicylate 50%	5	3	5	5	5	5
Methylene Chloride	5	5	5	5	5	5
Monochloro Acetic 5%	1	1	1	1	6	6
Momochloro Acetic 10%	3	2	3	3	6	6
Milk	1	1	1	1	1	1
Mineral Spirits	1	1	1	1	1	1
Mustard	1	1	1	1	3	3

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Naptha	1	1	1	1	1	1
Napthalene	1	1	1	1	1	1
Nitric Acid 10%	1	1	1	1	4	4
Nitric Acid 20%	1	1	2	1	5	5
Nitric Acid 30%	2	1	3	2	5	5
Nitric Acid >40%	3	2	4	3	5	5
Oils-Cutting	1	1	1	1	1	1
Oils-Mineral	1	1	1	1	1	1
Oils-Vegetable	1	1	1	1	1	1
Oleic Acid	1	1	1	1	3	3
Oxalic Acid	1	1	1	1	6	6
Peanut Butter	1	1	1	1	1	1
Perchloroethylene	2	1	3	2	4	4
Phenol 5%	4	3	5	4	5	5
Phosphoric Acid <50%	2	1	2	2	4	4
Phosphoric Acid 70%	3	1	4	3	5	5
Phosphoric Acid Con.	4	1	5	4	5	5
Phthalic Acid	4	1	4	4	6	6
Potassium Hydroxide <40%	1	1	1	1	4	4
Pyridine	5	5	5	5	5	5
Sodium Benzoate	1	1	1	1	6	6
Sodium Bicarbonate Sat.	1	1	1	1	3	3
Sodium Bisulfate Sat.	1	1	1	1	2	2
Sodium Bisulfite Sat.	1	1	1	1	2	2
Sodium Chloride Sat.	1	1	1	1	1	1
Sodium Hydroxide 50%	1	1	1	1	3	3

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Sodium Hypochlorite 10%	2	1	2	2	5	5
Sodium Propionate	1	2	1	1	2	2
Sodium Sulfate Sat.	1	1	1	1	1	1
Sodium Sulfide Sat.	1	1	1	1	2	2
Skydrol	1	1	1	1	1	1
Sucrose Sol. Sat.	1	1	1	1	1	1
Succinic Acid	1	2	2	1	6	6
Sulfuric Acid 20%	1	1	1	1	4	4
Sulfuric Acid 50%	2	1	2	2	5	5
Sulfuric Acid 70%	2	1	4	2	5	5
Sulfuric Acid 98%	3	1	5	3	5	5
Tannic Acid Sat.	1	1	1	1	3	3
Tatraric Acid Sat.	1	1	1	1	6	6
Toluene	3	1	4	3	4	4
Triacetin	1	1	1	1	6	6
Trichloroethane	2	1	2	2	4	4
Trichloroethylene	5	5	5	5	5	5
Triethanolamine	1	1	1	1	3	3
Triethylene Glycol	1	1	1	1	4	4
Trisodium Phosphate	1	1	1	1	1	1
Urea	1	1	1	1	3	3
Vinegar	1	1	1	1	4	4
Water	1	1	1	1	1	1
Wine	1	1	1	1	2	2
Xylene	2	1	2	2	3	3
Zinc Nitrate	1	1	1	1	1	1