



# GRANIT-ROCK™ Decorative Flooring Systems

## CHEMICAL RESISTANCE GUIDE

The following tests were run on **GRANIT-ROCK DECORATIVE FLOORING SYSTEMS** under close laboratory supervision. The samples for testing were prepared in accordance with standard procedures and cured for 7 days @ 77°F (25°C). The samples were subjected to the chemicals listed below and inspected at each interval indicated. The results and the corresponding recommendations will indicate the potential suitability of this ROCK-TRED product for your particular requirements. All tests were conducted at approximately 77°F (25°C), using **CHEM-ROCK Seal/Coat** as the topcoat for the systems. Please note that other topcoats are offered for different applications. **NOVO-BRITE** is a “water clear” Novolac that exhibits excellent chemical and heat resistance. NOTE: CHEM-THANE SB Aliphatic, CHEM-THANE WB Urethane, or CHEM-ROCK Seal/Coat LT can also be used as topcoats. SEE Data Sheets and Chemical Resistance Guides for each product for specific information.

No warranty is expressed or implied regarding this information. Specific results obtained by the customer are affected by conditions which are beyond ROCK-TRED's control. Therefore customers must make their own tests to determine product suitability for a particular purpose.

### EFFECT CODE

A-None	D- Slight Erosion
B-Stains	E- Moderate Erosion
C-Softens	F- Disintegrates

### RECOMMENDATION CODE

- \* - **NOVO-BRITE** Recommended as Topcoat
- 1- Recommended Constant Exposure
- 2- Recommended Intermittent Exposure
- 3- Recommended with Immediate Washdown
- 4- Not Recommended

ACIDS-INORGANIC				
CHEMICAL	CONC	1-HR	24-HRS	RECOMMENDATION
Boric	30%	A	A	1
Boric	Sat.	B	B	*
Chromic Acid	20%	A	A	1
Chromic Acid	40%	A	A	1
Chromic Acid	60%	B	B	*
Fluoboric Acid	12%	A	A	1
Fluoboric Acid	24%	B	B	*
Hydrochloric	10%	A	A	1
Hydrochloric	20%	A	A	1
Hydrochloric	37%	B	B	*
Hydrofluoric	10%	A	A	1
Hydrofluoric	30%	B	B	*
Hypochlorous	5%	A	A	1
Nitric	10%	A	A	1
Nitric	20%	A	B	*
Nitric	50%	B	D	*
Nitric	Conc	F	F	*
Perchloric	70%	A	B	*
Phosphoric	10%	A	A	1
Phosphoric	50%	A	A	1
Phosphoric	75%	A	A	1
Sulfuric	20%	A	A	1
Sulfuric	50%	B	B	*
Sulfuric	70%	B	B	*
Sulfuric	Conc	C	C	*

AUTO-BRAKE & HYDRAULIC FLUIDS				
CHEMICAL	CONC	1-HR	24-HRS	RECOMMENDATION
Brake Fluid	100%	A	A	1
Hy-JetFuel#3	100%	B	B	*
Motor Oil	100%	A	A	1
Skydrol 500A	100%	B	B	*
Skydrol 500B	100%	B	B	*
Transmission Fluid	100%	A	A	1

ACIDS-ORGANIC				
CHEMICAL	CONC	1-HR	24-HRS	RECOMMENDATION
Acetic	10%	A	A	1
Acetic	20%	A	A	1
Acetic	50%	A	A	1
Acetic	Glacial	C	C	*
Benzoic Acid	Conc	A	A	1
Butyric	10%	A	B	*
Citric	20%	A	A	1
Citric	50%	A	A	1
Cresylic	10%	A	B	*
Formic	30%	A	A	1
Lactic	40%	A	A	1
Lactic	80%	A	A	1
Maleic	30%	A	A	1
Maleic	60%	A	B	*
Malic	50%	A	A	1
Monochloric Acetic	5%	A	A	1
Monochloric Acetic	10%	A	B	*
Trichloro Acetic	5%	A	A	1
Oleic	Sat.	A	A	1
Oxalic	Sat.	A	A	1
Picric	Sat.	A	A	1
Stearic	Conc	A	A	1
Tannic	30%	A	A	1

ALCOHOLS				
CHEMICAL	CONC	1-HR	24-HRS	RECOMMENDATION
Diacetone Alcohol	100%	A	A	1
Ethyl Alcohol	100%	A	A	1
Ethylene Glycol	100%	A	A	1
Glycerine	100%	A	A	1
Isopropyl Alcohol	100%	A	A	1
Methyl Alcohol	100%	A	A	1
Phenol	5%	A	A	1
Triethylene Glycol	100%	A	A	1

ALKALIES & SALTS				
CHEMICAL	CONC	1-HR	24-HRS	RECOMMENDATION
Ammonium Chloride	50%	A	A	1
Ammonium Hydroxide	10%	A	A	1
Ammonium Hydroxide	20%	A	A	1
Ammonium Hydroxide	50%	A	A	1
Ammonium Nitrate	Sat.	A	A	1
Ammonium Persulfate	Sat.	A	A	1
Ammonium Sulfate	Sat.	A	A	1
Calcium Chloride	50%	A	A	1
Calcium Hydroxide	Sat.	A	A	1
Calcium Hypochlorite	15%	A	A	1
Ferric Chloride	Sat.	A	A	1
Ferric sulfate	Sat.	A	A	1
Potassium Hydroxide	40%	A	A	1
Sodium Bicarbonate	Sat.	A	A	1
Sodium Bisulfate	Sat.	A	A	1
Sodium Carbonate	Sat.	A	A	1
Sodium Chloride	20%	A	A	1
Sodium Hydroxide	10%	A	A	1
Sodium Hydroxide	50%	A	A	1
Sodium Sulfate	Sat.	A	A	1
Sodium Sulfide	Sat.	A	A	1
Trisodium Phosphate	10%	A	A	1

KETONES-ESTERS				
CHEMICAL	CONC	1-HR	24-HRS	RECOMMENDATION
Acetone	100%	A	A	1
Amyl Acetate	100%	A	C	*
Butyl Acetate	100%	A	A	1
Ethyl Acetate	100%	A	A	1
Methyl Ethyl Ketone	100%	A	A	1
Methyl Isobutyl Ketone	100%	A	A	1
PM Acetate	100%	A	A	1

MISCELLANEOUS				
CHEMICAL	CONC	1-HR	24-HRS	RECOMMENDATION
Acrylonitrile	100%	A	B	*
Aniline	100%	A	A	1
Beer	100%	A	A	1
Bromine	100%	B	C	*
Butyl Lactate	100%	A	A	1
Carbon Disulfide	100%	A	A	1
Carbon Tetrachloride	100%	A	A	1
Chloroform	100%	A	A	1
Cola	100%	A	A	1
Corn Oil	100%	A	A	1
Cyclohexane	100%	A	A	1
Diethyl Phthalate	100%	A	A	1
Dimethyl Phthalate	100%	A	A	1

MISCELLANEOUS				
CHEMICAL	CONC	1-HR	24-HRS	RECOMMENDATION
Ethylene Dichloride	100%	C	D	*
Formaldehyde	100%	A	A	1
Fruit Juice	100%	A	A	1
Grease	100%	A	A	1
Hydrogen Peroxide	50%	A	A	1
Ketchup	100%	A	A	1
Lanolin	100%	A	A	1
Lard	100%	A	A	1
Linseed Oil	100%	A	A	1
Mayonnaise	100%	A	A	1
Methyl Salicylate	50%	B	C	*
Milk	100%	A	A	1
Mustard	100%	A	A	1
2-Nitro-Propane	100%	A	A	1
Pyridine	Sat.	B	C	*
Sugar	Sat.	A	A	1
Tannic Acid	Sat.	A	A	1
Tartaric Acid	2%	A	A	1
Tide Solution	100%	A	A	1
Triacetin	100%	A	A	1
Triethanolamine	100%	A	A	1
Turpentine	100%	A	A	1
Urine	100%	A	A	2
Water	100%	A	A	1
Wine	100%	A	A	1

SOLVENTS-ALIPHATIC				
CHEMICAL	CONC	1-HR	24-HRS	RECOMMENDATION
Gasoline	100%	A	A	1
Hexane	100%	A	A	1
Jet Fuel A-1	100%	A	A	1
Mineral Spirits	100%	A	A	1
Naphtha	100%	A	A	1

SOLVENTS-AROMATIC				
CHEMICAL	CONC	1-HR	24-HRS	RECOMMENDATION
Chlorobenzene	100%	A	A	1
SC-100	100%	A	A	1
Toluene	100%	A	A	1
Xylene	100%	A	A	1

SOLVENTS-CHLORINATED				
CHEMICAL	CONC	1-HR	24-HRS	RECOMMENDATION
Dichlorobenzene	100%	A	A	1
Methylene Chloride	100%	B	C	*
Perchloroethane	100%	A	A	1
1,1,1,Trichloroethane	100%	A	A	1
Tetrachloroethylene	100%	A	A	1

GRANIT-ROCK SYSTEM C.R. 06/03

**WARRANTY STATEMENT:**

Information about ROCK-TRED products is given to the best of our knowledge, based on tests and experience. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you will make your own tests to determine the suitability of the product for your particular purpose. As products are often applied or used under conditions beyond our control, ROCK-TRED cannot guarantee anything but the quality of its products. ROCK-TRED warrants that its products meet the specifications set forth by ROCK-TRED, but we reserve the right to change any given specification without prior notice. ROCK-TRED DISCLAIMS ALL WARRANTIES RELATING TO THE PRODUCTS AND THEIR APPLICATION, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Receipt of ROCK-TRED products constitutes acceptance of the terms of this limited warranty and the terms and the conditions set out in our invoice, contrary provisions of buyer's purchase documents not withstanding. Upon receipt of merchandise, purchaser has 30 days to notify ROCK-TRED in writing that materials are defective. In the event ROCK-TRED finds that the product delivered is off specification, ROCK-TRED will, at its sole discretion, either replace the product or refund the purchase price thereof, and ROCK-TRED's choice of one of these remedies is the buyer's sole remedy. In no event shall the liability of ROCK-TRED exceed the purchase price of shipped merchandise. Claims must be in writing. Claims after 30 days are void. ROCK-TRED will under no circumstances be liable for special, incidental or consequential damages. This warranty supercedes all other guaranties, whether oral or written, and whether expressed, implied or statutory. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Certain products may contain chemicals which may cause serious physical injury. Before using, please read the Material Safety Data Sheet and follow all precautions to prevent bodily harm.



Manufacturing and Headquarters: 3415 Howard St., Skokie, IL 60076-4032 U.S.A.  
 (800) ROC-TRED • (800) 762-8733 • (847) 673-8200 • FAX (847) 679-6665  
 www.rocktred.com