

Physical Properties

Pot Life at 70°F.....	20 - 30 minutes
Mix Ratio.....	1 part hardener (A) to 2 parts resin (B)
Hardness, Shore D.....	ASTM D-1706.... 70 - 80
Tensile Strength.....	ASTM D-638..... 3,000 psi minimum
Flexural Strength	ASTM D-790..... 4,000 psi minimum
Compressive Strength.....	ASTM D-695..... 16,000 psi
Bond Strength to Concrete.....	ACI - 403..... Concrete fails before loss of bond
Ultimate Elongation.....	ASTM D-638..... 20%
Thermal Shock.....	MIL F-52505..... No cracking or loss of adhesion
Abrasion Resistance, Taber Abrader, CS-17 Wheels, 1000 gm. load, 1000 cycles ...ASTM D-4060.....	.035 gm loss

Chemical Resistance

Acetic Acid 20%	OS	Chromic Acid 20%	NR*	Naptha
Acetone	OS	Citric Acid 50%	G	Nitric Acid 20%
Alcohol (methyl)	OS	Ethylene Glycol	OS	Oils - Mineral
Alcohol (ethyl, propyl, etc.)	G	Formaldehyde	G	Perchloroethylene
Aluminum Chloride 60%	G	Formic 10%	OS	Phosphoric Acid 80%
Ammonium Chloride 60%	G	Gasoline	G	Potassium Hydroxide 40%
Ammonium Hydroxide 30%	OS*	Glycerine	G	Skydrol
Beer	G	Hydrochloric Acid 30%	OS	Sodium Chloride (salt)
Benzene	NR	Hydrofluoric Acid 10%	OS	Sodium Hydroxide 40%
Butyl Acetate	OS	Hydrogen Peroxide	G	Sulfuric Acid 50%
Calcium Chloride 50%	G	JP5 Jet Fuel	G	Trichlorethylene
Calcium Hypochlorite - Sat.	G	Kerosene	G	Trisodium Phosphate - Sat.
Calcium Hypochlorite 15%	OS	Lactic Acid 20%	G	Urea
Carbon Tetrachlrde	G	Methylene Chloride	NR	Xylene

LEGEND - G = Good, OS = Occasional Spills, NR = Not Recommended, * = Will Stain

Dur-A-Flex, Inc.



G
OS*
G
OS
G
G
G
G
G
G
OS
G
G
G