

BD54452 Epoxy Adhesive

1. DESCRIPTION:

BD54452 is a low viscosity epoxy system designed to cure well in the presence of moisture and form a strong bond to damp concrete as well as other typical structural materials.

2. CHARACTERISTICS:

Room Temperature Cure Properties

Pot Life:	18 minutes (at 25°C)
Full Cure:	7 days for full properties
Viscosity:	500 cps mixed
Mix Ratio:	2:1
Heat Deflection Temp:	55°C
Tensile Strength:	8,200 psi
Elongation at break:	2.7%
Flexural strength:	14,000 psi
Flexural modulus:	414 ksi
Compressive yield:	10,300 psi
Izod impact:	0.43 ft. lb/in
Hardness:	86 Shore D
Water absorption:	0.14% (24 hours)
Dielectric constant:	3.87 (100 Hz, 25°C)
Dissipation factor:	0.026 (100 Hz, 25°C)

3. Handling and Storage:

Combine both components in the indicated ratios immediately prior to application. Mix until blended uniformly and apply. Surface should be free of dust, dirt, grease, and weakened concrete laitance.

4. ADDITIONAL INFORMATION

NOTE: Information contained herein is based on tests we believe to be reliable and accurate. It is offered in good faith for the benefit of the consumer. The Company shall not be liable for any injury, loss, or damage in the use or handling of its chemical products since conditions and use are beyond our control. In every case, we urge and recommend the user conduct tests to determine to their own satisfaction that the product is of acceptable quality and suitability for their particular purpose under their own operating conditions. Statements concerning possible use of our products are not intended as recommendations to use our products in the infringement of any patent, or for any particular purpose or application. These products are intended for industrial use only.