

BD54230LW Epoxy Adhesive

1. DESCRIPTION:

BD54230LW is a two-part, room temperature cure epoxy adhesive designed for honeycomb edging and repairs. It cures to a tough semi-rigid material, and has very low density. It gives good resistance to water, salt spray, inorganic acids and bases, and most organic solvents. Product is self-extinguishing when exposed to fire.

A handling cure is normally achieved at room temperature within 80 minutes with a full cure at room temperature within 24 hours. To accelerate the final cure, or to quicken the handling simply elevate the temperature.

2. CHARACTERISTICS:

Room Temperature Cure Properties

Work Time:	13 minutes (at 75°F/ 24°C)
Fixture Time:	80 minutes (at 75°F/ 24°C)
Full Cure:	24 hours for full properties
Operating Temp.	-40°F to 220°F
Mixed Density:	5 lbs/gal
Flash Point:	Greater than 200°C (392°F)
Viscosity:	Resin (Part A) Paste Hard (Part B) Paste
Color:	Resin (Part A) White Hardener (Part B) Light green Mixed: Light green
Mix Ratio:	4 to 1 by volume 100 to 22 by weight
Hardness:	70 Shore D
Tensile Strength:	10,900 psi
Elongation:	6%
Impact Resistance:	0.6 ft-lb/inch
Glass Transition Temp:	212°F
Water Absorption:	< 0.5% (24 hours)
Shelf Life:	24 Months (unopened container)

3. Handling and Storage:

- A. Bring both components to room temperature prior to mixing. Mix 4 parts A to 1 part B thoroughly
- B. Dispense mixed material over properly positioned devices to be glued together. Do not pour more than 1/2" thick as the product may exotherm too high and may boil.

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.