PRODUCT SPECIFICATION

MXBON® Rapid Bond Epoxy Glue

Epoxy Adhesive

Description:

MXBON® Rapid Bond Epoxy Glue is a two-part epoxy adhesive formulated to bond a variety of substrates in 5 minutes. It is mixed in equal volumes, the resin and hardener, resulting in a tough, rigid, high strength bond. **MXBON® Rapid Bond Epoxy Glue** does not shrink and is resistant to water and most common solvents. It can be tinted with earth pigments, cement or sand for colour matching. It can be sanded and drilled. Best used on ceramics, glass, wood, leather, fiberglass, metal, most rigid plastics and more.

Typical Properties of Cured/Uncured Material:

Liquid State		Cured State	
Base	Epoxy	Colour	Clear
Colour	Clear	Application Temperature (°C)	5°C - 35°C
Specific Gravity (20°C)	1.1	Service Temperature (°C)	-40°C - 120°C
Flash Point (°C)	>80°C	Tensile Strength	14 N/mm^2
Shelf Life	12 Months	Compressive Strength	129 N/mm^2
		Impact Resistance	124 N/mm^2

Directions For Use:

1. Make sure the surfaces to be bonded are clean and dry. (Solvent wipe plastics, glass, rubber and acid treat metals)
2. Roughen surface with sandpaper
3. Mix equal amounts of resin and hardener thoroughly, approximately one minute
4. Apply to both surfaces and mate parts together
5. Remove excess epoxy immediately with acetone-based cleaner

Chemical Resistance:

Chemical	Resistance	Chemical	Resistance
Benzene	Excellent	Sodium Hydroxide 10%/50%	Excellent
Gasoline	Excellent	Sulfuric Acid 10%	Excellent
Hydrochloric acid 10%	Excellent	Toluene	Excellent
Kerosene	Excellent	Acetic Acid 10%	Fair
Mineral Spirits	Excellent	Nitric Acid 50%	Fair
Phosphoric Acid 10%	Excellent	Sulfuric Acid 50%	Fair
Potassium Hydroxide 10%	Excellent		

Handling & Storage:

Storage: Keep products in the unopened container in a cool dry location. The product is best when stored at 10 to 25°C. Not damaged by freezing. If frozen, warm to room temperature until resin and hardener become liquid enough to mix.
Handling: Material removed from containers may be contaminated during use. Do not pour back any product to the original container. Misuse of product will void all warranties.

Revision date: 08/2026 - Revision: 01

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Disclaimer:

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