PRODUCT SPECIFICATION

MXBON® Rapid Bond Epoxy Putty

Epoxy Adhesive

Description:

MXBON® Rapid Bond Epoxy Putty is a solid co-extruded hand kneadable fast setting epoxy putty used for rust free maintenance and repair. The product is suitable for repairing and rebuilding most metal equipment such as garden tools, bicycles etc. **MXBON® Rapid Bond Epoxy Putty** can repair cracks, dents and breaks on metal surfaces and once fully cured it can be drilled, sanded and filed.

Typical Properties of Cured/Uncured Material:

Liquid State		Cured State	
Base	Epoxy	**Colour**	Grey
Colour	White/Beige	**Hardness, ShoreD** (full cure, 24h)	75-85
Specific Gravity (20°C)	~2.18	**Lap Shear Strength (steel, N/mm²)**	~6
Flash Point (°C)	>100°C	**Compressive Strength (N/mm²)**	45-80
Shelf Life	12 Months	**Shrinkage**	<1%
Working Time	3-6 minutes	**Non-Volatile Content**	100%

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. Ensure you are wearing suitable gloves.
3. Cut the required amount of putty from the stick using a blunt knife.
4. Knead the putty until it is a uniform colour. The putty will remain workable for about 3-6 minutes depending on the ambient conditions.
5. Apply to the surface being repaired, force into cracks/holes to be filled and remove excess before putty starts to cure.
6. Good contact is essential to ensure maximum strength.
7. Remove excess epoxy with acetone-based cleaner.

Handling & Storage:

Storage: Keep products in the unopened container in a cool dry location. The product is best when stored at 5 to 25°C.
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.

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