



TDS

MXBON®

Fast Setting Plastic Weld

PRODUCT SPECIFICATION

MXBON®

Fast Setting Plastic Weld

Packaging And Contents

Contents of adhesive: 2x 15ml or 2x 15ml syringe
 Packaging: 2x Aluminum tubes or syringe 1x Blister card 1x Blister shell

Description

MXBON® Fast Setting Plastic Weld is a two part acrylic adhesive formulated to bond a variety of substrates in ten (10) minutes. Best used on: most plastics, ceramics, glass, wood, leather, fibreglass, metal and more.

Physical Properties

Liquid State		Cured State	
Base	Acrylic	Color	Light Yellow
Colour	Light Yellow	Bond strength (tensile shear)	Steel - 4000 psi Aluminium - 3500 psi
Specific Gravity(20°C)	1.1		
Flash Point (°C)	>80°C	Working temperature	-40°C - 121°C
Shelf Life	12 Months		
Working Time	3-5 minutes		
Fixture Time	5-10 minutes		

Directions for Use

1. Surfaces should be clean and dry, free from oil and grease.
2. Roughen surfaces with emery cloth or sandpaper for best results.
3. Mix equal amounts of resin and hardener thoroughly, approximately 1 minute.
4. Apply to both surfaces and mate parts together.
5. Remove excess epoxy immediately with acetone based nail varnish remover.
6. Positioning time 3-5 minutes, fixture in 5-10 minutes, handle after 2 hours, full cure in 24 hours.

* Note: Colder temperatures may slow down fixture and cure speed of product.

Not recommended for drinking water applications.

Not recommended for polyethylene or polypropylene bonding.

Precaution

1. Use with proper ventilation. Avoid contact with skin and eyes.
2. May cause eye/skin irritation with direct contact. In case of direct eye contact, flush with water for 15 minutes and consult physician.
3. Wash hands and skin thoroughly with soap and water after use.
4. If swallowed, seek medical advice immediately and show container label.
5. Keep well out of reach of children and pets.
6. Do not empty into drains.
7. Keep adhesive in a cool, dry place in original packaging for maximum shelf-life.

Disclaimer: The data contained herein is generated using Cartell UK Ltd test methods. Cartell UK Ltd does not assume responsibility for any results obtained by persons over whose methods Cartell UK Ltd has no control. It is the user's responsibility to determine the suitability of Cartell UK's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Cartell UK Ltd's products. Cartell UK Ltd specifically disclaims all warranties express or implied, including warranties of salability and suitability for a particular purpose arising from sale or use of Cartell UK Ltd's products. Cartell UK Ltd further disclaims any liability for consequential or incremental damages of any kind including lost profits.