

Product Description

Bondchem M130 is a two component structural acrylic adhesive, developed from low odour non flammable chemistry. This grade is used for the bonding of metal, wood, ceramic, ferrite and plastic materials. **M130** has been formulated from innovative technology, including our revolutionary adhesion system. This unique system enables the **M130** to achieve the ultimate balance of mechanical strength and impact resistance whilst still remaining both simple and quick to use.

Typical Applications

Bondchem M130 is designed to bond metal and composite fixings to glass, and common applications include:-

- Bonding of magnets and ferrites to casings
- Bonding plastic handles to metal shafts
- Bonding metal frames to laminated glass in furniture assembly.

Instructions For Use

1. Always consult MSDS before using **M130** for the first time.
2. Carry out surface preparation where required. *
3. Apply activator to one surface and allow the solvent to flash off.
4. Apply adhesive to mating surface and assemble components carefully, clamping if required.
5. It is always easier to remove any excess adhesive prior to cure using a suitable cleaner *
6. Allow the adhesive sufficient time to achieve handling strength before moving or unclamping components

**(See Bonchem guide to bonding for full information and in depth usage instructions)*

Properties of Uncured Material

Resin	Urethane Methacrylate
Colour	Amber
Appearance	Resin & Activator
Viscosity Brookfield Sp7 @ 20 rpm	20,000 - 30,000 cps
Cure System	Exothermic
Open Time	5-7 Minutes @ 20°C
Handling Strength	8-12 Minutes @ 20°C

Performance of Cured Material

ASTM D1002 Lapshear	Up to 30 Nmm ²
Gap Fill	0.1mm
Temperature Range	-55°C to 120°C

Packaging

Bondchem M130 is available in 100ml tubes and 300g cartridges with 50ml pump spray/bulk activator.

Storage & Shelflife

Bondchem M130 should be stored unopened in a cool dry location, out of direct sunlight. Stored correctly, this grade can offer a 12 month shelf life from manufacture.

Health and Safety in Use

Bondchem M130 is a methyl methacrylate and should not be used without consulting the MSDS, which contains full information regarding the use of this product, including Transport, Disposal, Toxicological, Exposure Controls, Accidental Release and First Aid measures essential to the safe use of this product.