

Product Description

Bondchem M129 is a two component structural methacrylate adhesive, designed for the bonding of high strength metal and composite applications.

Typical Applications

Bondchem M129 is very versatile, and can bond a wide variety of substrates without the need for surface primers or conditioners. Typical examples shown below:

- Sign fabrication and installation
- Bonding magnets to motor housings
- Bonding automotive carbon fibre body panels
- Bonding dissimilar metals for trailer fabrication

Instructions For Use

1. Always consult MSDS before using M129 for the first time.
2. Carry out surface preparation where required.*
3. Remove cap, and attach mixer nozzle.
4. Dispense sufficient adhesive to ensure equal mix.
5. Apply adhesive to one surface and assemble components carefully, clamping if required.
6. It is always easier to remove any excess adhesive prior to cure using a suitable cleaner *
7. Allow the adhesive sufficient time to achieve handling strength before moving or unclamping components.

**Contact your Bondchem representative for full information and usage instructions.*

Properties of Uncured Material

Resin	Methyl Methacrylate
Colour	Green/Pink
Appearance	Liquid
Viscosity Brookfield T Bar	4000cps
Cure System	Exothermic
Open Time	2-4 Minutes @ 20°C
Handling Strength	4-7 Minutes @ 20°C

Performance of Cured Material

ASTM D1002 Lapshear	
Steel	27 Nmm ²
Aluminum	14 Nmm ²
Polycarbonate	12 Nmm ² (Substrate Failure)
ABS	8 Nmm ² (Substrate Failure)
Temperature Range	-35°C to 180°C

Packaging

Bondchem M129 is available in 25ml, 50ml and 400ml Nylon cartridges for use with a dispensing gun.

Storage & Shelflife

Bondchem M129 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 M129 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.