

MD MEGABOND 3000 10:1

29.11.2016

firetests



Physical Appearance

Adhesive Part A

Chemical Type	Methyl Methacrylate
Color	off white paste
Density	approx. 0,96 g/cm ³
Viscosity @20°C mPa·s Brookfield	100.000 to 125.000

Activator Part B

Color	black
Density	approx. 1,07 g/cm ³
Viscosity @20°C mPa·s Brookfield	50.000 to 70.000

Mixture A&B

Color	black thixotropic gel
Mix ratio by volume	10:1
Processing time	4 to 6 minutes
Fixture time	15 to 18 minutes
Functional cure	1-3 hours
Shelf life 20°C	12 months

Typical properties cured material

Tensile strength	22 - 25 MPa
Elastic properties	up to 140%
Shore Hardness ASTM D 2240	74
Gap filling	up to 10 mm
Temperature resistance	-55°C to +150°C

The values are average values. They serve merely for your information, but assume no warranty.

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The information in this product has been compiled to the best of our knowledge and is intended purely for information purposes. No claims can be inferred therefrom. Before use, thorough experiments should be carried out. Our brochure represents a basis. Responsibility for possible measures to protect property and persons lies with the user. Safety data sheets on the required standard are available for all products on request.



Suitable substrates

Carbon Steel, Styrene, Steel Gelcoats, Polyesters, FRP, Nylon, PPO, FRT, ABS, Wood, Aluminium, PBT, Stainless Steel, Fibreglass etc.

Chemical resistance

Excellent resistant to

- Hydrocarbons
- Acids and Bases (3-10ph)
- Salt Solutions

Description

MEGABOND 3000 is a high strength, fast curing two-part structural adhesive system, designed to offer high impact strength and fatigue endurance. On application, the grade's high viscosity is ideal for both gap filling and vertical surface applications, whilst also providing a degree of flexibility. For the bonding of, inter alia, Thermoplastics, but also excellent adhesion to Composites, and many metals, in most cases, without a primer.

Processing information (50 g)

The bonding surfaces must be clean, oil and grease free (e.g. with Marston Cleaner). Excellent results are obtained by a mechanical roughening of the adhesion surfaces. Insert the cartridge into the dispensing gun and then close. Twist off cap, attach and tighten the mixing nozzle. Push the material out with the dispensing gun and discard the first 2 g, as they are not yet mixed at 1:1. Setting time can be curtailed at high temperatures. Join work pieces together and fix. Store opened cartridge in a cool, dry place.

RoHS conform

Packaging

Item number

9 cartridges á 50 g

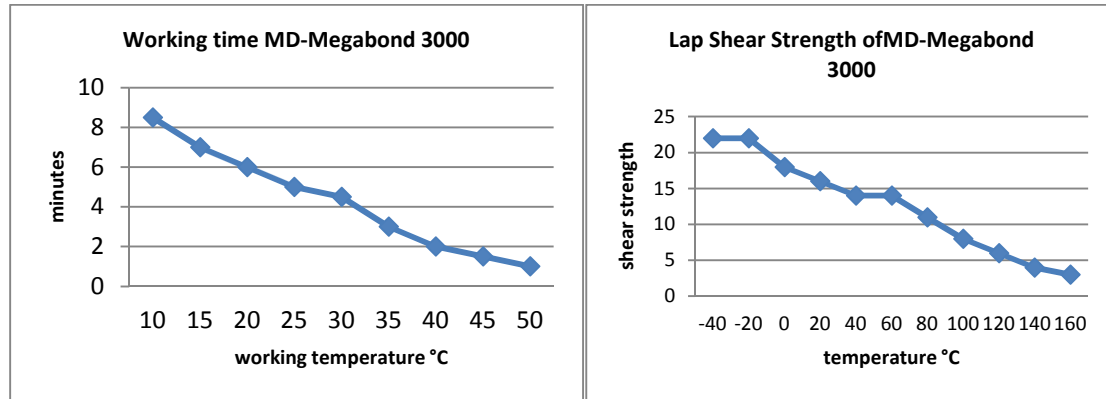
MMB.3.S50

6 cartridges á 380 g

MMB.3.S380

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