MARSTON-DOMSEL GmbH
Adhesive and sealing technology

MD-Megabond 2000

5 minutes

Physical Appearance

Adhesive Part A

Chemical Type	Methyl Methacrylate
Appearance	milky
Specific Gravity	0,97 (approx)
Viscosity @20°C mPa·s Brookfield	130.000 to 150.000
Flash Point	11°C

Activator Part B

Chemical Type	Methyl Methacrylate
Appearance	milky
Specific Gravity	0,95 (approx)
Viscosity @20°C mPa·s Brookfield	150.000 to 200.000
Flash Point	11°C

Mixture A&B

Appearance	milky
Specific Gravity	0,97 (approx)
Viscosity @20°C mPa·s Brookfield Helipath < 4Min	150.000 to 200.000
Mix Ratio by weight	1:1
Mix Ratio by volume	1:1
Working time in nozzle	5 to 7 minutes
Fixture time	10-12 minutes
Shelf life 20°C	12 months

Technical Data Sheet

Technical Data Sheet

Typical Properties Cured Material

Shrinkage (7 days)	5%
Temperature resistance	-55°C to +120°C
Elongation at break	2,4 %
Typical Handling Strength	1 hour
Hardness Shore D	75
Gap filling	1-10mm

Typical ASTM D1002 Results after 72 hours @ 25°C

Steel/Steel	up to 30 N/mm²
Aluminium/Aluminium	up to 27 N/mm²
Polycarbonate	up to 13 N/mm²
On ABS/ABS	up to 8 N/mm²

Properties:

- Bonds metal, stone, woods, plastics and ceramics
- Extremely high strength
- Weatherproof
- MD-MEGABOND is easy to use
- MD-MEGABOND achieves higher strength at low/no
- surface treatment
- resistant against petrol and kerosene

Handling and storage

Due to the high reactivity of the product and the associated exothermicity there should be no larger quantities mixed. The resulting heat can cause evaporation or odour nuisance. Do not dispose in plastic containers because they may/might melt.

Storage and shelf life

The storage stability of MD-Megabond 2000 is at <20°C for one year from the date of manufacture. The expiration date is printed on the label. Temperatures above 25°C reduce the storage stability. Lower temperatures (5-12°C) increase the shelf life. Exceeding the storage temperature about 40 ° C and at high humidity the shelf life is reduced to 6 months. The product should be protected from frost not cool

deep). Material removed from containers may be impurified. Do not return product to the original container. It can not be held liable for material that is impurified or was stored in a way that differs from the above-mentioned conditions.

Cleaning

Cleaning is easiest if the product is still liquid. Cured material is need to be removed mechanically (scrape off) and with a solvent such as Acetone.

Remove any residues with an absorbent and dispose it like a flammable.

processing temperature

The processing should be done at room temperature (+20°C). Higher temperatures eg +40°C reduce the positioning and cure time by 30%, low temperatures (approx. 10°C) increase the respective times up to 50%, up from +5°C almost no reaction longer takes place.

precautions

For complete information about safety and proper handling please mention the safety data sheet.

Packaging:

14 pcs. á 25 ml	MMB.S28
8 pcs. á 25 ml (blistered)	MMB.S28-BK
12 pcs. á 56 ml	MMB.S56

Technical Data Sheet