



# MARSTON-DOMSEL GmbH

## Adhesive and sealing technology

### MD-MEGABOND 3000

#### Physical Appearance

##### **Adhesive Part A**

Chemical Type

Appearance

Specific Gravity

Viscosity @20°C mPa·s Brookfield

Flash Point

##### **Activator Part B**

Chemical Type

Appearance

Specific Gravity

Viscosity @20°C mPa·s Brookfield

Flash Point

##### **Mixture A&B**

Appearance

Viscosity @20°C mPa·s Brookfield Helipath < 4Min

Mix Ratio by weight

Mix Ratio by volume

Working time in nozzle

Fixture time

Shelf life 20°C

Final cure

Methyl Methacrylate

off white paste

0,97 (approx)

150.000 to 250.000

11°C

Epoxy Peroxide

black gel

1,15 (approx)

80.000 to 120.000

11°C

black thixotropic Gel

60.000 to 200.000

9:1

10:1

2 to 4 minutes

8-10 minutes

6 months

24h



# Technical Data Sheet



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### Typical Properties Cured Material

Tensile Strength	19-22 N/mm <sup>2</sup>
Elastic Properties	up to 140 %
Cohesive Strength (D1002)	up to 15 N/mm <sup>2</sup>
Gap Filling Ability	up to 10 mm
Heat Resistance	-°C to 150°C



### Suitable substrates

ABS	Styrenes	Aluminium	Gelcoats
Acrylics	Urethanes	GRP	Polyesters
FRP	Vinyl	Steel	St Steel

### Chemical Resistance

Excellent Resistant to:

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

### Description

Megabond 3000 is a high strength, ultra 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. Although primarily designed to bond Thermoplastics, this grade is capable of achieving excellent adhesion to composites, and most metals. Megabond 3000 is a high strength, ultra 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. Although primarily designed to bond Thermoplastics, this grade is capable of achieving excellent adhesion to composites, and most metals.

### Packaging:

Article-no.: MMB.3.K380      6 Cartridges/carton

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