



# Technical datasheet

## MD SCREW RETENTION

### MD MSS. 520.290

Edition: February 22

#### high strength | low viscous | heavy removable

Base	Methacrylatester
Color	green
Smell	typical
Viscosity (25°C)	70-90 mPa.s
Density (25°C)	1,10 g/cm <sup>3</sup>
Temperature resistance	-55°C to +150°C
Max. Gap Filling	0,07 mm
Locking Torque Breakaway: MLB (DIN EN ISO 10964)	15-25 Nm
Shear strength (DIN 54452)	8-12 N/mm <sup>2</sup>
Curing time- handling	10-20 min.
Curing time- functional	1-3 hours
Final cure	12 hours
Shelflife	24 months
Max. thread	6
Consistant class (DIN 30661)	2
Flashpoint:	>100°C

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

#### Features screw retention

- Vibration-resistant
- One-component – clean and easy to apply
- Suitable for all thread types and shapes
- Seals inside the thread immediate

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- Anaerobic adhesive is a one-component adhesive which cures on contact with metal under air conclusion.
- Anaerobic adhesive glues, seals and protects screws connecting, adhere, screw thread sealing, safe and permanent.
- Anaerobic adhesive replaces conventional attachment methods like split pins, lock-washers and discs.

### Description to use:

Clean the two pieces which have to be bond with MARSTON CLEANER. Apply enough adhesive on the surfaces and mont them. An immediate assembly is not required, because the material only reacts after connecting the parts. Anaerobic fluid synthetic materials don't react with metal -plastic combinations, in that case you have to work with an activator. Different types with several firmness and viscosity enable an exact coordination with your individual application case and are important for the success of the bonding. The Curing can be accelerated by activators.

### RoHS compliant

Packaging	Item number
12 bottles à 20 g / display	MSS.520.F20
12 bottles à 50 g / display	MSS.520.F50
6 bottles à 250 g	MSS.520.F250
12 pump dispenser á 15 g / display	MSS.520.P15
12 pump dispenser á 50 g / display	MSS.520.P50

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