



# MARSTON-DOMSEL GmbH

## Adhesive and sealing technology

### MD-Mix Aluminium



Basis	Epoxyharz
Color (mixed)	aluminium
Work life	3 til 4 minutes
Curing time	8 til 10 minutes
Full strength	24h
Working temperature	+10°C til +30°C
Curing temperature	+6°C til +30°C
Shear Strength (DIN 53283) N/mm <sup>2</sup>	4,5
Mix rate	1:1
Shore Hardness D	87
temperature resistance:	-50 til 180°C (short 300°C)
Shrinking %	ca. 0,05
Thermal Conductivity W/mK	0,60 W/m-K
Dielectric capacity kv/mm	3,0 kV/mm
Gap filling mm	15

For making repairs to reforming, rebuilding and patching anything made out of Aluminium such as:

HVAC parts, Refridgeration units, Air Conditions units, machine parts, Alu-Roofing and Siding, Flagpoles, Shelving, Platforms, Walkways, Campers, Road Vehicles, Canopies, Gutters, Truck and Trailer Bodies, Wheels, Manifolds, Stripped Threads, Marine Hardware and Casings.

# Technical Data Sheet

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Revision 08/2011 Page 1 of 2

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## Adhesive and sealing technology

- MD-Mix repairs incorrectly drilled holes, cracks and broken threads on metal, wood and plastic.
- Fills cracks and holes
- Temperature resistant up to +180°C and up to +300°C for short periods
- For on-the-spot repairs
- MD-mix is easy to use. The material is worked like modelling clay.
- MD-mix has an extremely high Shore hardness D of 80 (concrete 60).
- MD-mix can be worked mechanically.



### Working instructions:

The parts to be repaired must be clean and oil and grease-free. Roughening increases the strength of the bond. Cut off the required quantity of MD-mix and knead it for approximately 2 minutes until an even colour has been produced and the material becomes warm. Then apply MD-mix to the parts and mould it. Mechanical working can be done after approximately 20 minutes. Final hardening occurs after 24 hours. Do not work at outdoor temperatures below 5°C.

### Application examples:

Repairing incorrectly drilled boreholes, holes in pipes, cavities and all cracks in metal, wood and plastic. Mechanical working is possible after a short time. Parts can be ground, milled, bored and painted over.

### Packing units:

24 pcs. á 56 g  
12 pcs. á 115 g

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Art.No. MIX.A.115

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