Product information

PI 30/08/17/2026

Liquimate Super Adhesive 8050 MS

Description

1-component, high-viscosity, humidity-curing structural adhesive based on MS polymer for a high-strength, permanently elastic adhesive bond. Has outstanding adhesion properties on almost all substrates and, with the exception of wood and concrete, can be used on all materials such as PVC, metal, aluminum and zinc without a primer. The product is free of solvents, isocyanates and silicone and shows outstanding resistance to seawater.



Properties

- extremely high UV resistance
- can be painted over wet-in-wet
- can be used without primer
- outstanding resistance to salt water
- after drying, very easy to grind
- does not contain solvent, isocyanate or silicones
- outstandingly adherent

Technical data

Base	MS Polymer
Form	paste-like
Curing / setting	moisture
Density	ca. 1,45 g/ml
Skin formation time at 20 °C/50 % relative humidity	ca. 10 min
Curing rate at 20 °C / 50 % rh	ca. 3 mm/24h
Processing time / open time at 20 °C / 50 % rh	<15 min
Hardness, Shore A	ca. 58 DIN 53505
Volume change	< 3 % DIN 52451
Tensile stress at 100 % elongation	ca. 2,5 MPa DIN 53504/ISO 37
Breaking stress	ca. 3,3 MPa DIN 53504/ISO 37
Elongation at break	ca. 225 % DIN 53504/ISO 37
Shear resistance	ca. 3,0 MPa DIN 53283/ASTM D1002
Tear propagation	ca. 16 N/mm DIN 53515/ISO 34
Solvent content	0 %
Isocyanate content	0 %
Thermal stability	-40 - +120, short term up to +180 °C
Processing temperature	+5 - +35 °C
Color / appearance	black

Technical data

Recommended storage temperature	+5 - +30 °C
Shelf life in original sealed container	18 months

Areas of application

For permanently elastic bonds in vehicle construction, RV and caravan building, container and ship building as well as the aviation and construction industries for almost all materials to themselves and to each other.

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Application

The bonding surfaces must be free of dirt, dust, oil and grease. For cleaning, we recommend Liqui Moly Cleaner and Thinner (part no. 6130).

It is advisable to carry out an adhesion test on each substrate first.

Note
With wood and concrete substrates, a primer must be applied first to achieve the bond. Smooth or painted surfaces should be roughened before bonding to improve the bond. Liquimate Super Adhesive 8050 MS can be applied with a manual cartridge gun, a compressed-air cartridge gun, Liquipress Milwaukee (part no. 6247) or with the Powerline telescopic gun (part no. 6256).

Available pack sizes

290 ml Cartridge plastic	6165 DE-EN-ES-FR-IT-NL-PT

Our information is based on thorough research and may be considered reliable, although not legally binding.

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