

Liquimate Super Adhesive 8050 MS

Description

Liqui Moly Liquimate Super Adhesive 8050 MS is a single-component, high-viscosity, air-humidity-cured structural adhesive based on MS polymer for a high-strength, permanently elastic adhesive bond. Liquimate Super Adhesive 8050 MS 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, metals, aluminum and zinc without a primer. Furthermore, Liquimate Super Adhesive 8050 MS does not contain solvent, isocyanate or silicones and shows outstanding resistance to seawater.

Properties

- can be used without primer
- extremely high UV resistance
- can be painted over wet-in-wet
- 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 %



Technical data

Thermal stability	-40 - +120, short term up to +180 °C
Processing temperature	+5 - +35 °C
Color / appearance	black
Recommended storage temperature	+5 - +30 °C
Shelf life in original sealed container	18 months

Areas of application

Liquimate Super Adhesive 8050 MS is used for making permanently elastic bonds between almost all materials in vehicle construction and caravan, container and ship building as well as aviation and the construction industry.

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
	D-GB-F-I-E-NL-P

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