

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 sea-water.

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

Color / appearance	schwarz / black
Base	MS Polymer
Thermal stability	-40°C bis +120°C, kurzzeitig bis 180°C / - 40°C to +120°C, short term up to +180°C
Processing temperature	°C +5 bis +35 / +5 to +35
Chemical resistance	gut: gegen Wasser, aliphatische Lösungsmittel, verdünnte anorganische Säuren und Laugen, Öle und Fette / against water and aliphatic solvents, dilute inorganic acids and alkalis, oil and greases weniger gut: aromatische Lösungsmittel, konzentrierte Säuren und chlorierte Kohlenwasserstoffe / aromatic solvents, concentrated acids and chlorinated hydrocarbons
Shrinkage	< 3 %
Form	pastös / paste-like

Technical data

Odor	mild
Hardness, Shore A	~ 58 DIN 53505
Density at 20 °C	1,45 g/ml
Tear propagation	~ 16 N/mm DIN 53515/ISO 34
Curing system	härtet durch Luftfeuchtigkeit aus / cured by moisture in the air
Ultimate elongation	~ 225 % DIN 53504/ISO 34
Skin formation time at 20 °C/65 % relative humidity	< 15 min
Curing rate at 20 °C / 65 % rh	~ 3 mm in 24h
Combined tension and shear resistance	~ 2,5 - ~3,3 MPa
Shelf life in original sealed container	18 Monate

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 provide better adhesion. Liquimate Super Adhesive

Product information

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8050 MS can be applied with a hand cartridge gun, compressed-air cartridge gun or with the Liqui-Akkufix.

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.