Product information

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Liquid Metal

Description

Fast-curing 2-component epoxy adhesive. Very high strength. For filling or troweling flaws in a variety of materials such as aluminum, copper, steel, brass, concrete, FRP/SMC, wood, glass, plastic, ceramic, painted metal, graphite, polyurethane, galvanized metals, hard plastic, etc. or for bonding different materials. After curing, repaired areas can be machined, ground or painted over. Full adhesive strength after approx. 24 hours.

Properties

- good adhesion
- after curing, suitable for machining
- high strength
- outstanding chemical resistance
- universal application
- permanent quick repairs
- can be ground and painted over
- rapid curing

Technical data

Base	Epoxy
Color / appearance	gemischt/mixed: grau/grey
Processing time	5 min
Initial strength	15 min
Final strength	24 h
Density	1,4 g/ml
Shore D hardness	60±10
Combined tension and shear resistance	ca. 16 N/mm² DIN 53283
Mixing ratio	1:1
Thermal stability	-40 °C bis +120°C / -40°C to +120°C
Shrinkage	<1% (gemixt/mixed) ASTM D2566
Bridging of adhesive gap	ca. 2-3 mm
Processing temperature	ca. 23 °C
Shelf life in original sealed container	12 months
Recommended storage temperature	20 °C

Areas of application

For filling and troweling cracks, holes, misborings and shrink holes as well as repairs to pipes, tanks, threads and car-body and machine parts or for bonding different materials to themselves and to each other. Replacement mixer (Mixer tip with thread, part no. 6029)

Application

The mixing ratio of both components is set correctly automatically thanks to filling in a twin syringe. Surfaces to be treated must be dry and free of oil, grease, dust and other dirt residues. Apply adhesive to the area to be treated and smooth with a trowel if necessary. After curing, the repaired area can be machined, ground or painted over.

Available pack sizes

25 ml Blister	6193 D-GB-F-I-E-NL-P

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

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