

Metal Putty

Description

Adherent 2-component epoxy resin putty with very good chemical resistance. Ideally suited for permanent quick repairs such as sealing cracks or repairing damaged threaded holes in iron, cast iron and other surfaces. Also suitable for magnesium. After curing, the repaired site can be machined, ground and painted over.

Properties

- outstanding chemical resistance
- rapid curing
- permanent quick repairs
- after curing, suitable for machining
- can be ground and painted over
- cures even under water

Technical data

Base	2-K-Epoxydharz - Metall gefüllt / 2-c-epoxy resin metal filled
Color / appearance	dunkelgrau / dark grey
Processing time	ca. 3-4 min
Initial strength	8-10 min
Final strength	24 h
Processing temperature	+10 bis +30 / +10 to +30 °C
Curing temperature	+6 bis +30 / +6 to +30 °C
Combined tension and shear resistance	4,5 N/mm ² DIN 53283
Mixing ratio	1:1
Shore D hardness	87
Operating temperature range	-50°C bis +180°C (kurzfristig bis +300°C) / -50°C to +180°C (short term to +300°C))
Shrinkage	ca. 0,05 %
Thermal conductivity	0,60 W/m·K
Capacity for electrical breakdown	3,0 kV/mm
Bridging of adhesive gap	15 mm
Shelf life in original sealed container	36 months
Recommended storage temperature	20 °C



Areas of application

For sealing cracks in housings, for repairing damaged threaded holes and for securing stud bolts, etc.

Application

To obtain the optimum adhesion, the area to be treated should be free from dirt, grease and oil residues. For cleaning, we recommend Cleaner and Thinner (part no. 6130). Use a knife to cut off the required length of metal putty from the roll and knead it well.

Note:

The two components are mixed together by kneading them together and the metal putty begins to cure. Processing should be performed within 3-4 minutes. The mechanical processing can be performed after approx. 20 minutes.

Available pack sizes

56 g Blister	6187
	D-GB-F-I-E-NL-P

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