

Epoxy Resin Putty

Technical Datasheet

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The kneadable universal repair compound

WEICON Epoxy Resin Putty is pasty (kneadable), mineral-filled, and temperature-resistant up to +200°C (+392°F). It is processed with a mixing ratio of 1:1 and is machinable and overpaintable after curing.

WEICON Epoxy Resin Putty adheres to metal, wood, glass, rubber, ceramics, concrete and most plastics. It is resistant to petrol, oil, ester, saltwater and most acids and lyes.

WEICON Epoxy Resin Putty is suited for the sealing of pipelines and tanks, the fastening of screws and hooks, the reconditioning and repair of castings, the rebuilding of shafts, slide bearings, pumps and housings, the renewal of defective threads, the pr

WEICON Epoxy Resin Putty can be used in machine construction, tool construction, model and mould making, and in many other industrial applications.

Technical data

Composition	putty, high-temp. resistant
Pot life at 25 g material and at +20 °C	30 Min.
Density of the mixture	2,00 g/cm ³
Processing temperature	+10 bis +35 °C
Curing temperature	+6 bis +40 °C
Colour after curing	green
Gap covering power to maximum	15 mm
Capable of bearing mechanical loads(50% strength/+20 °C) after	2 h
Final strength (100%) at +20 °C after	3 h
Pressure (DIN 53281-83)	80 N/mm ²
Shore hardness D	87
ac. to DIN 53283	30 N/mm ²
Temperature resistance	-35 bis +200 °C

Pretreatment of the surface

To ensure a perfect bond, the surfaces to be joined must be clean and dry (e.g., clean and degrease using Cleaner S or Plastic Cleaner). Smooth surfaces should be roughened, e.g. by sandblasting.

Processing

Mix resin and hardener in a ratio of 1:1 and knead thoroughly until mixture has turned into a uniform green. Then apply mastic onto the cleaned surface. On large crack holes, wire screen or glass cloth may

be recommended to bridge the gap.

The hardened material can be machined (drilled, filed, tapped) and painted without any pre-treatment.

Storage

When kept at a constant room temperature of about +20°C and unopened in dry conditions, WEICON Epoxy Resin Putty will keep for at least 24 months.

Avoid direct sunlight.

Note

Any product specifications and recommendations given herein must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do warrant the continuously high quality of our products being free from defects in accordance with and subject to our General Sales Conditions. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

Health and Safety

When using WEICON products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

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