

TECHNICAL DATASHEET

STALOC K-880 LIQUID METAL

2K – liquid metal

PRODUCT DESCRIPTION

For the repair and maintenance of pipes, valves, motor blocks, coolers and tanks. Temperature resistance from -50°C to +120°C. Very well suited for the repair of hairline cracks and cavities in castings due to its low viscosity. Can be machined (drilled, milled, ground, etc.) after complete hardening.

TECHNICAL PROPERTIES

ATTRIBUTE	UNIT	SPECIFICATION
basis		steel filled epoxy
colour		grey
open time	min	~ 4-5 min.
final cure time	h	24 h
mixing ratio		1:1
shore hardness (ASTM D 2240)		78 to 80
temperature resistance	°C	-50°C to +120°C
working temperature	°C	+10°C to +30°C
shrink		0,3%
thermal conductivity	W/mK	0,1
electrical breakdown capability	kv/mm	50 to 90
shelf life at +25°C		~ 9 months

PRODUCT CHARACTERISTICS

STALOC K-880 liquid metal is a special two component adhesive composed from an epoxy resin and a special hardener. After final cure, the product can be treated mechanically (turning, milling, grinding, etc.).

APPLICATION

Recommended application – further information can be found in the material safety data sheet

Apply mixer and squeeze out STALOC K-880. By using the mixer the mixing ratio is defined automatically which makes the product easy to use. The product cures to its final strength after 24 hours hardening time. After using part of the cartridge, dismount the used mixer and put the original cap onto the syringe / cartridge.

SAFETY INFORMATION

Please send your request for the latest version of the material safety data sheet (MSDS).

PACKAGING / VOLUME

25ml double syringe, 14 pcs. per box
50ml double cartridge, 12 pcs. per box (use STALOC application guns)

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