

Wencon Putty

The quick curing, ready to use, mouldable, epoxy repair stick

- Cures in 10-20 minutes
- Simple apply procedure with cut and knead
- Patches and seals cracks, leakages and holes
- Strong adhesion to all metal surfaces
- Fully machinable

Wencon Putty is a very quick curing, two component, epoxy compound supplied in a practical and stick format, which is easy to use. This multipurpose epoxy paste is ideal for wide range of emergency repairs where an ultra quick curing and mouldable compound is required. Typical applications are patching sealing and filling of cracks, leakages and holes in pipes, on flanges, in tanks etc.

The base and activator is co-extruded into a 125g stick. Simply cut off the required amount of repair compound, knead it until an even colour is obtained and apply it to the damaged area. Wencon Putty cures in 10-20 minutes, can be machined after 30 minutes and obtains full mechanical strength after only 2 hours.

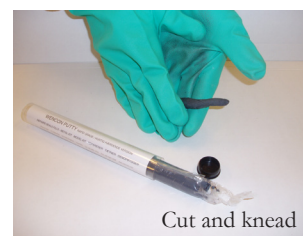
Wencon Putty can be machined, drilled and worked like metal after curing.

Wencon Putty exhibits many of the characteristics of metals, which together with a good adhesion to all metallic surfaces makes the repair compound highly suitable for repair of corroded and worn metals.

Wencon Putty is non conducting and can therefore not corrode or bi-metallic corrode. After curing the compound is resistant to oil, water, saltwater and most diluted acids and a range of solvents. Heat resistance ranges from 60° C (140°F) in corrosive and heavy load environments and up to 250° (482°F) C when applied as a filling compound.



No. 4 - 01.04.2013



Product numbers:

No. 1040 Wencon Putty, 8x125g (8x0,28 lb) unit
 No. 1042 Wencon Putty, 4x125g (4x0,28 lb) unit

IMPA no. 812342
ISSA no. 75.553.40
 812329 N/A

General description

Ultra quick curing two component epoxy repair stick.

Surface preparation

The surface must always be as clean, dry and grease free as possible.

Improved adhesion can be obtained by grinding or shot blasting of the surface prior to application.

Mixing Ratio

Cut off the required amount of repair compound and mix until an even colour is obtained. Each stick contains both base and activator.

Applying

After mixing, place the Wencon Putty on the prepared surface and massage or press it into the surface using the fingers. Heat cold items for better adhesion.

REMEMBER TO WEAR GLOVES.

Pot Life

Depending on amount mixed and temperature. Mixed in small amounts, the pot life is approximately 3-6 minutes at 20°C (68°F)

Curing time

Initial setting will take place in 10-20 minutes and the compound is ready for machining in just 30 minutes.

After 2 hours the compound reaches full mechanical strength.

Machine-ability

After curing the product can be machined just like metal

Technical Data

Hardness Shore D: 85

Tensile strength: 4,6 N/mm² - 655 p.s.i. (DIN 53454)

Compressive strength:

Rcrack: 35,14 N/mm² - 5000 p.s.i. (DIN 53454)

Adhesion to steel: 4,50 N/mm²

Specific volume

500 ccm per kilogramme (30 cu inch/kg)

Temperature Resistance

Corrosion: 60°C (140°F)

Light load: 120°C (248°F)

As filler: 250°C (482°F)

Chemical Resistance

The compound is resistant to oil, water, saltwater and most diluted acids and alkalis as well as a range of solvents.

Shelf life

@ 20°C (68°F): 3 years

Handling Precautions

Read the instructions for use and the Material Safety Data Sheet.