

Wencon Putty

The quick curing, epoxy moldable repair stick for multipurpose use.

- 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

General information

Wencon Putty is a quick curing, two component, epoxy compound supplied in a practical stick format, which is easy to use.

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-conductive and will therefore not cause bi-metallic corrosion. 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.

Application areas

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 sealing, filling of cracks, leakages and holes in pipes, flanges, tanks etc.

Application

The Base and Activator is co-extruded into a 125g stick. Cut off the required amount of repair compound, knead it until an even colour is obtained and apply to the damaged area.



cut and knead



Product numbers:

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

IMPA no.

812342
812329

ISSA no.

75.553.40
N/A

GENERAL DESCRIPTION

Two-component solvent free pasty consistency epoxy repair compound, for applying under water or on wet surfaces.

SURFACE PREPARATION

Before applying, the surface must be clean from loose paint, scales, under water growth, etc. A mechanical cleaning will do, but even better, if possible, hydro jetting.

APPLYING

Mix the product 1:1 on a mixing plate. Then continue in your hands, wearing wet protection gloves. Mix until the product has an even colour without any "stripes" and press/rub the UW Putty hard against the surface, by hand or by using a spatula.

POT LIFE

Depending on amount mixed and the temperature. Mixed in small amounts, the pot life is approximately 25 minutes at 20°C (68°F)

CURING TIME

Curing will take place in 10-18 hours, but only if the temperature allows it to cure. Curing requires a temperature of at least 10°C (50°F), but better at 17-23°C (62-73°F) or higher.

If the coating shall be exposed to chemicals, let it cure for 7 days before exposure.

REDUCED CURING TIME WITH INFRARED

This product is tested with and suitable for infrared curing. Curing with infrared radiation can reduce curing time significantly. Result can vary, depending on circumstances and equipment used.

MACHINABILITY

After curing, the product can be machined, drilled and worked like metal.

TECHNICAL DATA

Hardness Shore D: 76 (**DIN 53505**)

Tensile strength: 17,6 N/mm² - 5094 p.s.i. (**DIN 53454**)

Compressive strength:

Modulus of elasticity: 3400 N/mm² - 375,000 p.s.i. (**DIN 53454**)

Rcrack: 25,3 N/mm² - 19,000 p.s.i. (**DIN 53454**)

Shear adhesion: 15,90 N/mm² - (**ASTM D1002**)

Adhesion to steel: 6,5 N/mm² - (**ISO 4624**)

SPECIFIC VOLUME

556 ccm per kilogramme (35,6 cu inch/kg)

TEMPERATURE RESISTANCE

Corrosion and heavy load: 60°C (140°F)

Light load or no load: 95°C (199°F)

As filler: 95°C (199°F)

CHEMICAL RESISTANCE

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

SHELF LIFE

At 20°C (68°F) : 3 years

HANDLING PRECAUTIONS

Read the Wencon Instruction for Use and the Material Safety Data Sheet.