

ORI-Steel

Product Information

Two-part steel reinforced epoxy putty



Product



Description

This is a steel-reinforced epoxy stick, which works on wet or dry surface and under water to repair many kinds of materials.

This stick can be drilled, sanded, machined and cure in one hour. You can use Ori-Steel for pre-treatment of our Magicawrap.

Typical Applications

- Repair leaking pipes and stop leaks in water tanks (filling of uneven surface and step),
- Primary coating before Magicawrap is applied.
- Can be applied to the following materials and parts :
air-duct hole, wall, floor dent, gutter, screw thread, vehicle body dent, filling of crack for water tank, etc.

Physical Properties

	Result
SHELF LIFE AT 75°F (24°C)	minimum 24 months
SHORE D HARDNESS AT FULL CURE (24 hrs)	
LAP SHEAR TENSILE On steel (1" x 1" x 1/16")	900 lbs (6.2 MPa)
COMPRESSIVE STRENGTH	8,000 psi (55 MPa)
DENSITY	18.5 lb/gal (2.2)
SHRINKAGE	<1%
NON-VOLATILE CONTENT	100%
ELECTRICAL RESISTANCE	30,000 megohms
DIELECTRIC STRENGTH	300 volts/mil
UPPER TEMPERATURE LIMITS Intermittent	Continuous 250°F (121°C) 300°F (149°C)

Chemical Resistance

	Result
hydrocarbons	No effect
ketones	No effect
alcohols	No effect
esters	No effect
halocarbons	No effect
aqueous salt solutions	No effect
dilute acids and bases	No effect

Product configuration

OS-901 for industrial use

OS-902 for home use

Heat Resistance : max. 149°C

The product meets by 100% the standard in rubber goods for tap water works by JIS (Japan Industrial Standard)

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