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Technical Data Sheet

Product: Marine Epoxy

(PP 115)

PRODUCT DESCRIPTION

Marine Epoxy is a two component epoxy filler. Can be used on GRP, wood, aluminium, steel etc. both below and above the water line. Gives a hard and water resistant repair.

Typical applications

Marine Epoxy effectively repairs osmosis damage, holes and scratches on boat hulls etc. Can be painted by one or two component marine paints. An epoxy primer is recommended before applying topcoat.

Properties of uncured material

Component A (Resin)

Chemical type Epoxy resin
Appearance White
Density @ 20 °C, kg/dm³ 1.3

Component B (Hardener)

Chemical type Amine hardener
Appearance Grey
Density @ 20 °C, kg/dm³ 0.91

Typical curing performance

Cure speed vs. Time/temperature

By usage of 1 part hardener in relation to 1 part paste, the mixture will cure in approximately 15 min. at +20 °C. After a further 3-4 hrs the product can be sanded. Low temperature will prolong setting time.

Performance of cured material

Physical properties

Electrical conductivity (Ω/cm) 10^{14}
Hardness (Shore D) ~80
Tensile strength (N/mm²) ~20

Adhesion

Mild steel +60 °C
Aluminium +60 °C

Chemical resistance

Cured material is resistant to water, salt solutions, organic solvents, diluted acids and alkalis.

General information

Directions for use

For best performance abrade and degrease all surfaces. The two components should be mixed thoroughly. Do not mix more than will be used in 15 min. Apply a thin layer to the area to be filled, making sure it penetrates into any gaps, sanding grooves and surface irregularities, Fill immediately to required thickness. Best results are achieved in dry conditions above +10 °C.

Setting time

Temp °C	Potlife (Mins)	Sand after (hrs)	Paint after (hrs)
5°C	30	24	24
15°C	20	4 - 5	5
20°C	15	3 - 4	4

Clean tools etc. with acetone, ethyl acetate, cellulose thinners or similar immediately after use.

Storage

The product has a storage life of 2.5 years from date of manufacture. For maximum storage life, store in a cool place.

Note

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PLEASE CONTACT LOCTITE SWEDEN AB R & D DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS FOR THIS PRODUCT.

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