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Technical Data Sheet

Product: Gelcoat Filler

(PP 110)

PRODUCT DESCRIPTION

Gelcoat Filler is a specialist marine product for repairing holes and scratches in glass fibre and gelcoat materials. The filler is waterproof but can be overpainted.

Typical applications

Ideal for repairing osmosis and minor surface damage to glass fibre boats, glass fibre car bodies, baths, glass fibre water tanks, shipping containers etc. Can be used with glass fibre mat to repair major damages.

Properties of uncured material

Component A (Paste)

Chemical type	Unsaturated polyester
Appearance	White
Density @ 25 °C, kg/dm ³	1.34

Component B (Hardener)

Chemical type	Dibensoyl Peroxide
Appearance	White
Density @ 20 °C, kg/dm ³	1,16
Viscosity @ 20 °C, Pa•s	200-600

Typical curing performance

Cure speed vs. Time/temperature

By using 3-4 percent hardener in relation to the amount of paste, the mixture will cure in approximately 10 min. at +20 °C. After a further 10 min. the product can be sanded. Low temperatures will prolong setting time.

Performance of cured material

Physical properties

Electrical conductivity (Ω/cm)	10^{14}
Hardness (Shore D)	~80
Tensile strength (N/mm^2)	~22

Adhesion

Mild steel	+160 °C
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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, 3-4 percent hardener in relation to the amount of paste. Do not mix more than will be used in 8 min. Apply a thin layer to the area to be filled, making sure it goes into any gaps, sanding grooves and surface irregularities, then fill immediately to required thickness. Best results are achieved in dry conditions above +10 °C.

Setting time

Approximately 10 min. at +20 °C. Sandable after another 10 min. Wash the surface with acetone to make it easier to sand. Start sanding using 120-240 grit abrasive paper. Clean tools 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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