



Product Description Sheet

3024 Gelcoat Filler

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PRODUCT DESCRIPTION

Product 3024 Gelcoat Filler is a two-part Polyester specially formulated for repairing minor damage, such as osmosis blisters, scratches and small holes, in glassfibre substrates. The product cures to form a hard white finish, it is waterproof and may be over-painted if required.

TYPICAL APPLICATIONS

This is an excellent product for repairing damage, such as osmosis blisters, scratches and small holes, in glassfibre parts. Gelcoat Filler may also be used to repair damaged enamel coatings. Product 3024 cures in 10 minutes at 20 °C and is sandable after one hour. To repair major damage, this product should be used in combination with glassfibre mat

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	Dibenzoyl 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

Use of 3 to 4 percent by weight hardener to paste, the mixture will set in approx. 10 min. at +20 °C. Low temperature will prolong setting time.

TYPICAL PROPERTIES OF CURED MATERIAL

Physical properties

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

PERFORMANCE OF CURED MATERIAL

Adhesion

Mild steel	+160
°C	

Chemical resistance

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

GENERAL INFORMATION

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

Directions for use

For best performance abrade and degrease all surfaces. The two components should be mixed thoroughly, 3 to 4 percent by weight hardener to 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, grooves and surface irregularities, then fill immediately to required thickness. Best results are achieved in dry conditions above +10 °C.

Setting time

Approx. 10 min. at +20 °C. Fully cured in one hour. Clean tools with acetone, ethyl acetate, cellulose thinners or similar immediately after use.

Storage

The product has a storage life of 2 years from date of manufacture. Product shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° C to 21°C unless otherwise labelled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container. For further specific shelf life information, contact your local Technical Service Centre.

Note

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