

# TECHNICAL DATA SHEET



## POLYFIBER

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<b>Product Description</b>	POLYFIBER is a two component polyester putty based on unsaturated polyester resins. Polyfiber is reinforced with glass fibres for increased structural strength.
<b>Characteristics</b>	<ul style="list-style-type: none"><li>▫ very easy to apply</li><li>▫ 2-components</li><li>▫ fast drying</li><li>▫ can be tooled very quickly</li><li>▫ permanent bond</li></ul>
<b>Application Areas</b>	<ul style="list-style-type: none"><li>▫ Strengthening and reinforcement of rusted parts</li><li>▫ Filling of small wholes in metal, polyester, wood</li><li>▫ repair product for larger damage on carbodyes, boats, surfboards</li></ul>
<b>Packaging</b>	Colour : Light Grey Packaging : metal tins of 250 G, 500 G, 1KG, 1.5 KG
<b>Shelf Life</b>	12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.
<b>Technical Data</b>	<b>Base</b> : amine preaccelerated non saturated polyester resins <b>Consistence</b> : stable paste <b>Curing sytem</b> : Chemical reaction <b>Open Time (*)</b> : 5 minutes <b>Can be sanded (*)</b> : after 20 minutes <b>Specific Gravity</b> : 1,86 <b>Hardness</b> : ca 75 Shore D <b>Temperature Resistance</b> : -30°C until +115°C  (* )these values can vary depending on environment factors such as temperature, humidity and type of substrate

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### Substrates :

**Substrates :** Metals, Polyester, Wood, GRP  
Substrates must be clean, dry and free of dust and grease

**Preparation :** Remove rests of rust, rough sanding will improve adhesion.

### Application :

#### Application Method :

- Mix on a small tray the amount to be used with 2-3% Hardener until the mass is homogenous.
- Do not mix more than can be applied within 5 minutes
- Apply a layer of Polyfiber with a spatula, if necessary in several layers until the mass slightly exceeds the substrate.
- Can be tooled quickly after hardening (sanding, polishing).
- Before varnishing use a layer of Metal Plastic Extra Fine as finishing layer.

**Application Temperature :** +10°C until +25°C

**Clean with :** acetone

**Repair with :** Polyfiber

### Transport Safety Information

**Road :** ADR : Free

**Sea :** IMDG : Class 9 - Marine Pollutant

**Air :** ICAO/IATA-DGR : Pkg Grp III

**UN-Nr :** 3077

### Labelling

**Symbol :** None

**R-Sentences :** None

**S-Sentences :** None

**Contains :**

### Safety Recommendations

- Take the usual hygienic measures
- work area should be well areated

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The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.