

TECHNICAL DATA SHEET



POLYSET

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Product Description	POLYSET is a repair set which consists of : Preaccelerated polyester resin, fibre glass tissue, hardening component, mixing vessel, mixing tool and application instructions.
Characteristics	<ul style="list-style-type: none">▫ very easy to apply▫ 2-components▫ transparent▫ fast drying▫ permanent very strong repair bond
Application Areas	<ul style="list-style-type: none">▫ Strengthening, reinforcement and replacement of damaged parts in carbodies, polyester, wood▫ Repairing of holes in carbody parts▫ Repair and replacement of rusted parts▫ repair product for larger damage on boats, surfboards etc.
Packaging	Colour : Yellow-Transparent Packaging : Sets of 250 G, 1KG,
Shelf Life	12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.
Technical Data	Base : amine preaccelerated non saturated polyester resins Consistence : Liquid Curing sytem : Chemical reaction Open Time (*) : 10-15 minutes Can be sanded (*) : after 30-45 minutes Specific Gravity : 1,10 Hardness : ca 65 Shore D Temperature Resistance : -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 :

- Cut the glassfibre tissue to the requested size, with an area of 3 cm exceding each side of the substrate to be repaired.
- Mix the amount to be used with 2-4% Hardener in the mixing vessel until the mass is homogenous.
- Apply a layer of the polyester resin mixture with the brush onto the substrate.
- Press the cut glassfibre tissue onto the substrate and apply a new layer of the polyester resin mixture.
- Repeat this procedure after drying, taking care that the next piece of fibre glass tissue will exceed the previous piece by 1cm on each side.
- Sand with rough grained sandpaper after hardening and finish with a thin layer of Metal Plastic.

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

Clean with : acetone

Repair with : Polyset

Transport Safety Information

Road : ADR : ----

Sea : IMDG : Class 3.3 - Marine Pollutant

Air : ICAO/IATA-DGR : Pkg Grp III

UN-Nr : 1866

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Labelling

Symbol : Xn - Harmful
R-Sentences : 10- 20 -36/38
S-Sentences : 23
Contains : Styrene

Safety Recommendations

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

Remarks

- In order to receive a strong bond on metals, apply a thin layer of Metal Plastic Standard before application of the Polyester Resin.

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.