



CURATIVE AND PREVENTIVE OSMOSIS TREATMENT

TO26

Dual component, thick epoxy resin containing no solvent, for watertight polyester hulls.

CHARACTERISTICS

This dual component epoxy resin, containing no solvent, for thick application, is recommended for total protection of boats affected by osmosis (600 microns dry) or as a preventive treatment for polyester (400 microns). It offers excellent resistance to water.

PHYSICAL CHARACTERISTICS

Hardening mechanism: Chemical reaction.
Density 1.17 (base) / 0.991 (hardener)
Flash point: /
Viscosity: 93 p +-30 A6V10 (base) / 87'' +- 5'' NF4 (hardener)
Thickness of the dry film per layer: 200 microns.
Recommended total thickness: 600 microns for curative treatment.
..... 400 microns for preventive treatment.
Practical coverage per layer: 5 m²/l
Finish of the film: Glossy, blue toned.

PREPARATION OF THE SURFACE

Curative treatment: This treatment can only be applied to a perfectly dry boat (check with humidity tester).

Remove the gel coat completely and the layers of material damaged by osmosis by sanding or planing them down. Rinse with fresh water and leave the boat to dry in order to eliminate any humidity from the hull. Check the amount of humidity with a humidity tester. When the boat is dry, apply the treatment.

Preventive treatment: De-wax – remove grease carefully from the new gel coat with the de-waxer **DCR900**. Then sand the surface of the gel coat lightly (to dull the surface).

PREPARATION OF THE PAINT

Thoroughly mix the product after having added the two components. For greater precision, mixing by weight is recommended. This product must not be diluted; it contains no solvent.

Ratio of the mixture by volume

Compound A: 61
Compound B: 39

Ratio of the mixture by weight

Compound A: 65
Compound B: 35

Thinner to clean the roller or brush: **Thinner for TO26** (ex D200)
Time for the mixture to mature: 5 minutes
Mixture's pot life: 1h30 at 20°C

APPLICATION

Curative treatment: Apply a coat of epoxy resin **TO26** with a brush making sure the resin penetrates all the holes and imperfections in order to wet the fibres thoroughly. Leave to dry for 24 hours. Apply putty if necessary. Apply three 200-micron coats of resin **TO26** with a roller, leaving 24 hours between each coat, i.e. 600 microns. Leave to dry for 24 hours then apply the primer PR20, then the antifouling. If the last layer remains sticky, rinse with a damp sponge.

CHARACTERISTICS FOR USE

Application material: Brush or roller
For brush or roller : No dilution.
Use thinner TO26 (ex D200) for the cleaning of material.

Temperature range for use: +15 to +35°C
Relative humidity: < 75%

Reminder: The temperature of the surface must be at least 3°C above the dew point in order to avoid the formation of condensation.

Drying (at 20°C) for a 200-microns layer:

Sanding: 24 hours
Overcoating: 16 to 48 hours
Full polymerisation: 10 days at ambient temperature

CHARACTERISTICS OF THE POLYMERISED RESIN

Resistance to water: Excellent performance in salt and fresh water.
Resistance to abrasion: Excellent.

PACKING AND STORAGE

Packaging : 750 ml and 2.5 litres

Storage : 24 months in unopened original container, kept away from humidity.

PRECAUTIONS FOR USE

Wear gloves, goggles, a solvent breathing mask and protective clothing. During application and drying time there must be sufficient ventilation.

HEALTH AND SAFETY

See data sheet

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