

BOAT LINE

OSMOSHELL



Solventless epoxy for osmosis treatment

CODE 76-000

DESCRIPTION AND USE

Fiberglass reinforced two-pack solventless epoxy. High structural resistance and strong adhesion to polyester surfaces. Excellent water and abrasion resistance. Designed for osmosis treatment. Thanks to its high chemical resistance, it is ideal for bilges protection. It can be used over metal surfaces.

APPLICATION DATA

16-24h BEFORE SANDING	min 12h max 24h TO RECOAT	1m²/l THEORETICAL COVERAGE 1m²/l PRACTICAL COVERAGE	 SERRATED 2-3 mm SMOOTH	 THINNER 17 AS CLEANING AGENT FOR TOOLS
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TECHNICAL DATA

COMPOSITION	Based on amino-epoxy binders and glass microspheres.
SPECIFIC GRAVITY	1.25±0.05 Kg/L
AVERAGE VISCOSITY	(Brookfield RVT 2 rpm spindle no. 6 at 21°C): 2300 Poi se
FILM THICKNESS	1000 µm
FINENESS OF GRIND	40 µm
SOLIDS BY VOLUME	98±2%
V.O.C. % BY WEIGHT	14.77
FLASH POINT	>55°C
MIXING RATIO BY VOLUME	BASE: 2 CATALYST: 1
POT-LIFE	30 min
COLOURS	Light green
PACKAGING	ml 2500
STORAGE	Store in a cool, dry place with adequate ventilation

PAINT SYSTEM

Surface preparation:

Remove all gelcoat and filling. This way, the fiberglass will dry completely. For an excellent result, we suggest sandblasting.

Clean and degrease several times with high pressure water. Let the boat dry for at least 40 days. Drying time changes according to bottom conditions.

We suggest keeping the boat indoor at a temperature of 20°C. The best moisture content is below 5 (colored scale) on Sovereign moisture meter or below 12 (colored scale) on Skipper Plus Moisture Meter (equal to abt. 20% moisture content on comparative scale).

APPLICATION GUIDELINES

Apply the first coat of Osmoshell with a smooth putty knife, working in all directions to make the product penetrate into all the cracks. Apply the second coat of Osmoshell with a serrated putty knife (2-3 mm serration) applying the product downside up to obtain a uniform surface. Wait the "streaks" left by the putty knife are polymerized. After at least 12 hours, apply a second coat of Osmoshell with a flat spatula to uniform the "streaks". Wait the product is polymerized, sand and remove the largest irregular areas. Trim the hull with Finishing Filler, sand and apply one coat of AntiPest before applying the antifouling.

CONDITIONS FOR APPLICATION

Apply at a temperature between 10°C and 35°C. Do not apply when the surface temperature is below 3°C at dew point.

INSTRUCTIONS FOR USE

Stir well the two components with a putty knife for 2-3 minutes until you obtain a uniform colour. The right mixing ratio is 2:1 and the different colours of the two components will make it easy to prepare the filler to apply without making mistakes or wasting material. We suggest allowing the blend to rest for 15 minutes before use. Carry out a thorough application in order to fill all the cracks.

The technical data are based on a reference temperature of 20°C unless otherwise specified and refer to the product undiluted and ready-to-use.

SAFETY PRECAUTIONS

Wear appropriate personal protective equipment; use safety equipment; use with adequate ventilation. For additional safety information, please see the packaging.

This version supersedes any prior version.

Orazio Brignola S.p.A. reserves the right to update the above data, which are given for information only.

If products are not used beyond our control our liability is limited to the quality of the product itself.