

EPOXY PRIMER HS ANTIOSMOTIC 3:2



Technical information

Product components:

Epoxy ground-coat - component A
Polyamidic Hardening Agent - component B

Volume:

component A + component B : 750 ml, 7,5 l.

Product Description:



2-component solvent-free, thick-coating epoxy ground-coat which guarantees excellent protection against osmosis. Forms a flexible, hard, and waterproof coating. Perfect ground-coat for all types of antifouling paint.

- ✓ Easy to apply and mix.
- ✓ Easy to spread for a perfect surface.
- ✓ Highly thixotropic - can be applied in one thick layer without running down vertical surfaces.
- ✓ No sanding required between layers.
- ✓ Relatively low weight - does not put an excessive on the hull
- ✓ Protects laminates against osmosis and steel against corrosion.

Recommended use:

Recommended especially for the protection of yachts and boats below the water line. For the use on hulls made of materials reinforced by fibreglass (GRP) or steel. Also for repairs of laminate damage.

Physiochemical Characteristics:

Colour: grey
Surface: gloss
Stable matter: 100%
Theoretical Output: about 6-7 m²/ dm³ for the thickness of 150 µm
Coat thickness (WFT): 150 µm (wet)
Finish thickness (DFT): 150 µm (dry)
Density: 1,3 kg/dm³

Preparing the surface:



Remove salt and other contaminants with pressurized fresh water. Wait until the surface is dry. Sand laminate surfaces to uniform roughness (the sandpaper of P100-P240 gradation). Clean steel surfaces with a polishing stream up to Sa 2,5. On small surfaces, use a cornering sander. Remove dust and clean with Sea-Line's de-greasing formula.

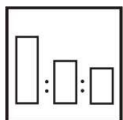
Application conditions :

Surface must be clean, dry, and maintained at a temperature above the dew point, to prevent condensation. Air temperature should be at least 10°C, while the surface under repair should be at least 15°C.

Method of application:

Airless spray gun, pneumatic spray gun, brush, roller.

Component mixing proportions :



	ground-coat : hardener
parts by weights: (g)	100 : 48
parts by volume: (ml)	3 : 2



Do not exceed the recommended amount of hardener!

Thinner:

When necessary, you may dilute the mixture by adding thinner to Sea-Line epoxy systems at a rate of up to 5%.

Mixing:

Mix contents thoroughly. Wait 10 minutes for air bubbles to appear. Do not mix a bigger amount of the product than the one that can be used within the best-before date.

Useful time after miting :

45 minutes (20°C) – 60 minutes (15°C)

Pneumatic spraying parametres:



- **thick film** pneumatic spraying (up to 300 µm of wet layer):

Dilution: not recommended
Gravity Fed: 2,1÷3,0mm,
Working pressure : 2,5 bar

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Hardening the surface:	20°C	10°C
Dry to the touch:	10-12 hours	20-24 hours
Dry for sanding:	about 24 hours	około 48 hours
Fully dry:	7 days	14 days
Elapsed time to application of next layer:	min 8h	min 16h



The given times must be considered as guidelines only. The actual drying time may be shorter or longer and depends on film thickness, ventilation, humidity, etc.

Number of layers :

Prophylaxis: minimum 1 layer to a thickness of 300 µm (when using a roller, minimum 2 layers of a thickness of 150 µm each).

Fixing indentations: minimum 2 layers of a thickness of 300 µm each (when using a roller, minimum 4 layers of a thickness of 150 µm each).

Further Work :

After setting, the surface should be sanded with a sandpaper of gradation of P240-P400.

Next layer: Sea-Line HS anti-osmotic epoxy primer can be covered by:
- any Sea-Line epoxy system,
- any Sea-Line polyurethane system

Caution: Before setting the polyurethane system such as gelcoat, topcoat, it is recommended to wait minimum 48 hours or cover it with a thin layer of epoxy Sea-Line Lightprimer 5:1.

Remarks: launching should be done only after the last layer of the ground coat and antifouling paint have hardened.

HSE conditions :

Please follow safety instructions from the technical data sheet for hazardous chemical and follow Polish workplace safety laws. The general rule is to avoid contact with skin and eyes. When using the product in a small, enclosed space you must provide forced ventilation. It is also recommended that you protect your respiratory system, eyes, and skin. Be particularly careful of fire as the product may explode.

Storage :



Product components should be kept in tightly sealed containers, at a temperature between 5-35°C, away from sources of fire, heat, and sun rays.

Close the containers tightly immediately after every use.

Expiration date :



Epoxy ground-coat (component A) - 24 months from the date of production.

Hardening agent (component B) - 24 months from the date of production.

Quality Guarantee

Production, quality control, and the realization of deliveries fulfill the demands of ISO 9001 and 14001 standards.

All data in this document have been prepared for informational purposes. We can not take responsibility for the results of user actions over which we have no control. Responsibility of the user is to make the test sample and determine the suitability of the product for individual applications. Sea-Line do not take responsibility for any damages, or loss of profits associated with the improper use of the products.

All information is based on scrupulous laboratory research and many years of experience. Our position of market leadership does not free us from constant quality control of our products. However, we do not accept responsibility for the effects of improper use or storage of our products, or for the effects of using our products in any way contrary to the standards of good workmanship.

TROTON sp. z o.o. Ząbrowo