

EPOXY PRIMER HS ANTIOSMOTIC



Product for professional use only

Product Contents

Epoxy ground-coat - composite A
Hardening Agent - composite B

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 water craft above and below the water line. For use fibreglass reinforced or steel hulls. Also for repairs to laminate damage.

Physiochemical Characteristics

Colour: grey
Surface: gloss
Stable matter: 100%
Theoretical Output: about 6-7 m²/ dm³ (150 µm wet/ 150 µm dry)
Coat thickness (WFT): 150 µm
Finish thickness (DFT): 150 µm
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 (with P100-P240 grade sandpaper) 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.

Conditions for application

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.

Number of layers:



Prophylaxis: minimum 1 layer to a thickness of 300 µm (when using a roller, minimum 2 layers to a thickness of 150 µm each).
Fixing indentations: minimum 2 layers to a thickness of 300 µm each (when using a roller, minimum 4 layers to a thickness of 150 µm each).

Method of application:

Spray gun, brush, roller.

Component mixing proportions

parts by weights: (g)
Parts by volume: (ml)

ground-coat : hardener
100 : 48
3 : 2

Mixing:

Mix contents thoroughly. Wait 10 minutes for air pockets to disappear. Mix contents thoroughly. Do not mix more of this product than you intend to use.

Thinner:



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

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Useful time after mixing: 45 minutes (20°C) – 60 minutes (15°C)

Spray gun application: - thick layer of air spray application
(< 300 µm wet):

Thinner : 5%
Gravity Fed Ø: 2,1÷3,0mm,
Working pressure : 2,5 bar

Hardening the surface:

Dry to the touch:	20°C	10°C
Dry for sanding:	10-12 hours	20-24 hours
Fully dry:	about 24 hours	około 48 hours
	7 days	14 days
Elapsed time to application of next layer:	min 8h	min 16h
	max 3 days	max 6 days



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, underlying paint system etc.

Maximum primer recoating without sanding primer is applied only when the surface is free from chalking and other contamination. If the primer coating was exposed to direct sunlight, it must be clean and sanding. The removal of the top layer will provide a good grip.

Further Work

After setting, the surface should be sanded:
- finishing work: P240-P400.

Epoxy Filler can be finished with:
- all Sea-Line Epoxy System,
- all Sea-Line Polyurethane System,

Safety

Please follow safety instructions from the technical data sheet and follow Polish workplace safety laws. Avoid contact with skin and eyes. When using the product in a small, enclosed space you must use forced ventilation. It is also recommended that you protect your respiratory system, eyes, and skin. Be especially aware of fire, as product may explode.

Storage

Product contents should be kept in tightly sealed containers, at a temperature between 5-35°C, far away from sources of fire, heat, and UV rays. Close the containers tightly immediately after every use.

Expiration

Epoxy ground-coat - 24 months from date of production.
Hardening agent - 24 months from date of production.

Quality Guarantee

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

All information is based on scrupulous 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. Zabrowo.