

EPOXY LIGHTPRIMER 5:1



Technical Information

Product for professional use only

Product Contents

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

Product description



High-quality 2-component epoxy ground-coat. Excellent foundation for paints and surface varnishes.

- ✓ Excellent adhesion to various types of surfaces and high flexibility.
- ✓ No sanding required.
- ✓ Easy to mix components and apply ground coat.
- ✓ Spreads easily for a perfect finish.
- ✓ Highly thixotropic - can be applied in one thick layer without dripping on vertical surfaces.

Recommended use

Recommended specially for priming yachts and water craft above and below the water line. For use on fibreglass reinforced hulls and as a between layer on the other surfaces . Works perfectly with surface coats.

Physiochemical Characteristics:

Colour: white
Surface: matte
Stable matter: 65%
Theoretical Output: about 10-11 m²/dm³ (90 µm wet/ 60 µm dry)
Coat thickness (WFT): 90 µm
Finish thickness (DFT): 60 µm
Density: 1,4 kg/dm³

Preparing the surface:

Clean and sand surface with sanding paper P100-P240. In next step remove dust and degrease with Sea-Line Cleaner

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.

Method of application:

Spray gun, brush, roller.

Component mixing proportions

	Ground coat : Hardener
Parts by weight: (g)	100 : 12
Parts by volume: (ml)	5 : 1

Miting

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
- 5-25% for roll/brush application
- 5-50% to spray gun application

Usable time of mixture:

2h (20°C) with the spray applicator
6h (20°C) with the brush or roller

Number of coats:

- protection against osmosis: 2-4 coats (225 µm)
- middle coat: 1-2 coats

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Spray gun application:



- thin layer of air spray application (90÷100 µm wet): Thinner : 40÷50%

Gravity Fed □: 1,4÷1,6mm,
Working pressure : 2,0 bar

- thick layer of air spray application (< 300 µm wet): Thinner : 5÷10%

Gravity Fed □: 1,6÷2,2mm,
Working pressure : 2,0÷2,5 bar

Hardening the surface:

	20°C	10°C
Dry to the touch:	3-4 hours	16 hours
Fully hardened:	7 days	14 days
Elapsed time before applying next coat:	min 5h max 5 days	min 6h max 10 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 Poliester System,
- all Sea-Line Polyurethan 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 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.