

ANTICORROSIVE EPOXY PRIMER 4:1 (GROUND COAT)



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 :

High-quality 2-component epoxy ground-coat effectively protects steel against corrosion. Forms a flexible and highly adhesive coating. Does not require polishing.



- ✓ Contents are easy to mix and apply.
- ✓ Spreads easily.
- ✓ Highly thixotropic - does not drip on vertical surfaces.

Recommended Use :

Especially recommended for priming steel foundations above and below the water line. Protects effectively against corrosion and ensures excellent adhesion of subsequent layers.

Physiochemical Characteristics :

Colour: rust red
Surface: matte
Stable matter: 70%
Theoretical output: about 11-12 m²/dm³ for the thickness of 85 qm (wet) / 60 µm (dry)
Coat thickness (WFT): 85 µm (wet)
Finish thickness (DFT): 60 µm (dry)
Density: 1,4 kg/dm³

Preparing the surface:



Remove salt and other contaminants with pressurized fresh water. Wait until the surface is dry. Clean the steel surface with abrasive steam to the degree of Sa 2,5. On small surfaces use an angle grinder. Remove the dust and clean with the use of Sea-Line Cleaner.

Application conditions :

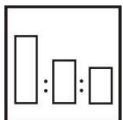
Surface must be clean, dry, and maintained at a temperature above the dew point, to prevent from condensation. Air temperature should be at least 10°C, while the surface under repair should be at least 15°C.

Method of application:

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

Component mixing proportions :

	ground coat	hardening agent
parts by weight: (g)	100	: 15
parts by volume: (ml)	4	: 1



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:

- 5-25% for roll/brush application
- 5-50% for pneumatic spray application



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.

Usable time of mixture:

2 hours (20°C) with the airless spray applicator.
5 hours (20°C) with a brush or a roller

Pneumatic spraying parametres:

- **thin layer** of pneumatic spray application (up to 80÷90 µm of wet layer):

Thinner : 40÷50%



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

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Pneumatic spraying parametres:



- **thick layer** of pneumatic spray application (up to 300 µm of wet layer):

Thinner : 5÷10%

Gravity Fed Ø: 1,6÷2,2mm,

Working pressure : 2,0÷2,5 bar

Hardening the surface:

Dry to the touch:

20°C

5 hours

10°C

6 hours

Fully hardened:

2 days

3 days

Elapsed time before applying
next coat:

min 5h - max 30 days

min 6h - max 60 days



The given times must be considered as guidelines only. The actual drying time may be longer or shorter and depends on film thickness, ventilation, humidity, 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 cleaned through mattifying. The removal of the top layer will provide a good grip.

Number of layers :

2÷4 layers (225 µm).

Further Work :

After setting, the surface should be sanded of P240÷P400 gradation .

Next layer :

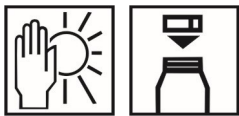
Epoxy Filler can be finished with:

- any Sea-Line epoxy system,
- any Sea-Line polyurethane system,
- any Sea-Line polyester system,

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 the 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.