

ANTICORROSIVE EPOXY PRIMER (GROUND COAT)



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 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

Specially 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 (85 µm wet/ 60 dry)
Coat thickness (WFT): 85 qm
Finish thickness (DFT): 60 qm
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	hardening agent
parts by weight: (g)	100	: 15
parts by volume: (ml)	4	: 1

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

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

Usable time of mixture:

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

Spray gun application:



- thin layer of air spray application (80÷90 µm wet): Thinner : 40÷50%

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

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

Gravity Fed Ø: 1,6÷2,2mm,

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Working pressure : 2,0÷2,5 bar

Number of coats:

1 ÷ 4 layers (225 µm dry)

Hardening the surface:

20°C

10°C

Dry to the touch:

5 hours

6 hours

Fully hardened:

2 days

3 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 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. Ząbrowo.