

SEMBOL EPOXY SHOP PRIMER

Definition: It is a two-component, epoxy resin-based pre-fabricating primer with anti-corrosive zinc phosphate pigment, which is used for the protection of abrasive sand-grit blasted steel surfaces against corrosion. Since it has a very good adhesion property, it creates a solid ground for the paints to be applied on it.

Qualities: It is used as an anticorrosive pre-production primer in priming steel surfaces exposed to water, sea water, chemicals and abrasion and in areas where high corrosion resistance is required. Its performance is very good in marine industry, in the structural steel industry and in the protection of other steel surfaces against corrosion.

APPLICATION

Surface Preparation: The surfaces to be applied should be cleaned of all kinds of materials that will reduce adherence. Metal surfaces should be sandblasted (sand rasp) at Sa2 ½ grade (ISO 8501-1, SSPC-SP10). Welding burrs - splashes and any surface defects that may remain on the paint film must be removed. After the surface preparation is finished, it should be primed preferably immediately, within 1-2 hours at the latest.

Application: After mixing in the specified proportions, wait 30 minutes before the application for the pre-reaction. Surface temperature should be at least 10 ° C. No application should be made around the dew point of the water (in the range of 2-5 ° C).

Form of Application: Roller, brush and suction or chamber type gun (Air pressure: 3-4 bar, nozzle diameter 1.5-2 mm) can be used.

Specifications

Application Viscosity: 18 ±2 second/Din Cup 4/23°C

Density: (g/cm³, 20°C) : 1,10-1,20 gr/cm³

Touch drying time: 5 – 7 minutes

Assembly drying ime: at 23°C, 24 hours

Coverage: 15-20 m² / kg * Practical coating area varies according to the amount of surface roughness and splash losses.

Dry film thickness: 10-15 micron

Implementation temperature: 10 °C - 30 °C

Time between layers: Minimum 1-2 hours

Time to gain chemical resistance: 7 days

Pot Life: 8-12 hours

Thinning: 5-10% epoxy thinner

Storage: Store at 10-30 ° C in closed containers, away from direct sunlight. Keep the packaging closed when not in use. Protect from frost. Shelf life: Minimum 6 months

Packaging : (20+4) 24 Kg. Fixed

Safety Warnings:

S2 Keep out of the reach of children.

S7 / 9 Keep container tightly closed and in a well-ventilated place.

S16 Keep away from sources of ignition. - No smoking.

S23 Do not breathe vapor.

S24 / 25 Avoid contact with eyes and skin.

S29 Do not empty into drains.

S37 / 39 Wear suitable gloves, safety glasses and mask.

S46 If swallowed, seek medical advice immediately and show this container or label.

S51 Use only in well-ventilated areas.

Risk Warnings:

R10 Flammable.

R20 Harmful by inhalation.

R38 Irritating to skin.

R48 Danger of serious damage to health under prolonged exposure.

R65 Harmful: May cause lung damage if swallowed

R67 Vapors can cause drowsiness and dizziness.

Hazardous Warnings:

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 Causes allergic skin reactions.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 May be fatal if inhaled.

H332 Harmful by inhalation.

H400 Very toxic in the aquatic environment.

H410 Long lasting, very toxic effect in the aquatic environment.

H411 Long lasting, toxic effect in the aquatic environment.

H412 Long lasting, harmful effect in aquatic environment.

H225 Easily flammable liquid and vapor.

H226 Flammable liquid and vapor.

Precautionary Warnings:

P210 Keep away from heat / sparks / flames / hot surfaces. - No smoking.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

P303 + P361 + P353 If in contact with skin (or hair): Immediately remove / remove all contaminated clothing. Rinse your skin with water / shower.

P308 + P313 Get medical attention / care if exposed or interacted.

P370 + P378 In case of fire: Use foam, carbon dioxide, dry powder or water for extinction.

P403 + P235 Store in a well-ventilated place. Keep it cold.

P501 Dispose of contents / container according to national regulations.