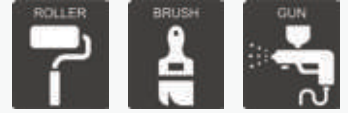


Lankmetal Primer EM500-01

Lankmetal Primer EM500-01 is a two-component anticorrosive epoxy primer. It creates a coloured surface that protects metal surfaces over time. It offers high adhesion and chemical protection against corrosion and weathering.



USES

Ideal for surfaces from:

- Metal structures
- Metal frames
- Industrial buildings
- Metal frames Industrial structures

CHARACTERISTICS

- High traction
- Perfect protection of the metal surface
- High mechanical and chemical resistance
- High performance
- Easy to spread

LIMITATIONS

- Do not apply to external surfaces
- Do not apply at temperatures below 5°C or above 35°C
- Do not apply when the relative humidity exceeds 80 %.
- Wet surfaces should be allowed to dry thoroughly before application.
- The freshly painted surface should be protected from cold and moisture for at least 24hrs.

SPECIFICATIONS

Appearance	Thick Liquid
Color	Gray
Viscosity: (A+B)	1500 – 2000 mPa•s at 23°C
Mixing ratio (A:B)	4Kg A with 1Kg B
Density: (A+B)	1.15 ± 0,02 gr/cm ³
pH	Not applicable
Solids w/w: (A+B)	71.5%
Ideal application and drying temperature	15 – 20°C
Walkability (*)	2days
Coagulation time in container	50min
Deep drying (*)	3days
Full hardening	7days
Attribution	7-9m ² /kg /layer
Full Recommended application thickness	100µm
Luster 60°	95
König hardness after 7 days	50sec
Artificial aging (500hr)	No change
Adhesion to metal (Cross cut)	0-1
Dilution	5-10% Nitro solvent or epoxidic solvents

NOTE (*): The exact time depends on the temperature and relative humidity prevailing during application and drying.

SURFACE PREPARATION

- Removal of silicone and oils that may be present on the metal with Nitro solvent or Epoxy solvent.
- Good and dry cleaning of the application surface.
- Good polishing of the surface with sandpaper.
- Apply the epoxy primer in one or two coats according to the instructions of the product concerned.

APPLICATION

- Mix component A with component B with a low-speed stirrer for 2-3 minutes. Then let the mixture stand for 30sec and then repeat the stirring for 1 minute more.
- Attention! The entire amount of ingredient A and ingredient B must be stirred in the ratio given in each set. If a smaller amount of final product is to be applied then weighing the ingredients in the same ratio by weight is required.
- Care should also be taken not to leave final material (A+B) in the container for more than 50min without working it because the material will start to set and it will be impossible to work it afterwards.
- Apply the product in one or two layers. For better workability, it can be diluted with 5-10% NITROUS SOLVENT or SINGLE SOLVENT. The next coat is applied after the previous one has dried (always after testing).
- Caution: at temperatures above 35 °C the adhesion of the product may be reduced.

CLEANING OF TOOLS

During the work keep the tools "wet" in the paint container or tub. Thoroughly drain paint from tools back into the can and clean them with Nitro Thinner or Epoxy Thinner.

STORAGE

One year in a closed container and storage temperatures between 5°C -35°C

PRECAUTIONS

COMPONENT A: Liquid and vapours flammable. Harmful by inhalation. Causes severe eye irritation. Causes skin irritation. May cause an allergic skin reaction. Contains epoxy compounds. May cause an allergic reaction. Keep away from heat, hot surfaces, sparks, naked flames and other sources of ignition. Do not smoke. Keep container tightly closed. Avoid breathing dust / fumes / gases / concentrations of droplets / vapours / effluents. Wash hands thoroughly after handling. Contaminated work clothing must not be taken out of the workplace. Wear protective gloves/personal protective equipment for eyes/face.

IN CASE OF SKIN CONTACT (or hair): remove all contaminated clothing immediately. Rinse skin with water / in the shower. Call the CALL CENTER/doctor if you feel unwell. If skin irritation or rash occurs: consult a doctor.

COMPONENT B: Liquid and vapours flammable. Harmful if swallowed. Harmful if inhaled. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Harmful to aquatic organisms, with long-term effects. Keep away from heat, hot surfaces, sparks, naked flames and other sources of ignition. Do not smoke. Keep the container tightly closed. Avoid breathing dust / fumes / gases / concentrations of droplets / vapours / effluents. Wash hands thoroughly after handling. Contaminated work clothing must not be taken out of the workplace. Wear protective gloves / protective clothing / personal protective equipment for eyes / face. IN CASE OF INJURY: call the CALL CENTER / doctor if you feel unwell.

IN CASE OF BREATHING: take the person to fresh air and let him/her rest in a position that facilitates breathing. For more information, consult the Safety Data Sheet.

VOC CATEGORY

Product category A/i (D) 'Special two-component coatings' of European Directive 2004/42/EC. Class VOC limit value: 500gr/lit. Maximum VOC content of the ready-to-use product is 499gr/lit. Compliant product also after the year 2010 (Phase II).