

ZINC PHOSPHATE EPOXY POLYAMINE PRIMER

White

Flat

34°c 36°c

28°c

65±5% 60 - 70 microns

6 hrs

24hrs

7 days

1.43± 0.08gr/cm³

10.83 m²/lit (at 60 µ d.f.t)

Product information

1-Poly amine epoxy primer.

2-excellent adhesion to steel structure.

3-Excellent rust inhibitive shop primer in corrosive

4-excellent resistance to water, solvent and chemicals product.

Physical data

Colour: Finish: Flash point:

cure: solvent:

Volume solids:

Specific gravity(mixed)::

Theoretical coverage:

Drying time at 25°c:

touch dry: dry to handle: full cure:

Component: Pot life:

Mixing ratio(by volume): resin:

cure:

refer to can label refer to can label

20 hrs

74 hrs

4 hrs at 25 °c:

Application methods:

airless spray or roller 10°c 40°c

9 hrs

24 hrs

4 hrs

10 hrs

By solvent release and reaction by curing agent and

conventional spray or

Recoat intervals*: (mild condition): Min:

Max:

Recommended thinner: Recommended cleaner: **FARCO THINN 11 FARCO CLEAN 11**

Curing mechanism: resin

*: For recoating the surface should be free of dust ,grease and contamination .

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Typical uses

As a blast primer for heavy duty epoxy systems according to specification.

Other uses are:

Structural steel, machinery, pipes and tank exteriors decks, hulls, bottoms and super structures of ships, barges and work boats, offshore platforms and related structures.

Application information

This Rangan Far's product is a polyamine cured zinc phosphate epoxy primer for industrial and marine use.

To obtain the maximum performance for which this product is formulated, strict adherence to all application, instructions, precautions, conditions and limitations is necessary.

Application equipment

The following equipment is listed as a guide and suitable equipment from other manufactures may be used. adjustments of pressure and change of tip size may be needed to obtain the proper spray characteristics.

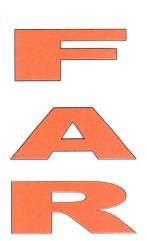
- 1-Airless spray:standard airless spray equipment having
- a 28:1 or higher pump ratio and a fluid tip with a 0.457 to 0.660 mm orifice.
- 2-Conventional spray:industrial equipment with suitable aircap having a fluid tip with a 1.8-2 mm orifice .
- 3 -Mixer:mixer must be powered by an air motor or an explosion proof electric motor.
- 4- roller.

Caution

- 1-Handle with care.
- 2-Avoid inhalation of possible solvent vapours or paint mist, as well as paint contact with skin and eyes.
- 3-Apply only in well ventilated areas and ensure that adequate forced ventilation exists when paint applies is In confined spaces or when the air is stagnant.
- 4-Always take precautions against the risks of fire and explosions.
- 5-Harmful or fatal if swallowed, immediately seek medical assistance.
- 6-Use fresh air masks and explosion proof equipment.

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Application procedures

- 1-Flush equipment with cleaner before use.
- 2-Stir resin to an even consistency with a power mixer.
- 3-Add cure to resin and continue stirring for 5 minutes. Note:since the pot life is limited and shortened by high temperatures ,do not mix more material than will be used in 4 hours at 25 $^{\circ}$ c.
- 4- Thinning with FARCO THINN 11as needed for workability.
- 5-Stir during application to maintain uniformity of material And apply a wet coat in even parallel passes after 20 minutes.
- 6-Clean all equipment with cleaner immediately after use.

Environmental condition

Environmental temperature must be 10-40°c.

Surface temperature must be at least 3°c above dew point to prevent condensation. At freezing temperature surface must be free of ice and relative humidity below 80 %.

Surface preparation

Blasting to standard of Sa 2.5- Sa3 , SIS 05 5900 , ISO 8501-1. The surface profile must be min 50 -75 micron

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