

FARCO PRIME 107-5

RED IRON OXIDE ZINC PHOSPHATE EPOXY PRIMER

Product information

- 1-Poly amide epoxy primer.
- 2-Excellent rust inhibitive shop primer in corrosive environments.
- 3-High chemical and water resistance.

Physical data

Colour: Finish:

Flash point:

resin: 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):

cure:

Application methods:

Recoat intervals*:

(mild condition): Min:

Recommended thinner: Recommended cleaner:

Curing mechanism:

Substrate:

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

red - brown Flat

34°c 36°c 28°c

60±5%

60 -70 microns 1.68± 0.08gr/cm³ 10 m2/lit (at 60 µ D.F.T)

2 hrs 6-8hrs 7days

8 hrs at 25 °c:

refer to can label refer to can liable

conventional spray or brush or airless spray or roller

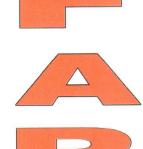
12 hrs 5 hrs 18 hrs 36 hrs

40°c

FARCO THINN 10 FARCO CLEAN 10

agent and resin

by solvent release and reaction by curing





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Typical uses

As a blast primer for epoxy systems According to specification.

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 red iron oxide 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.

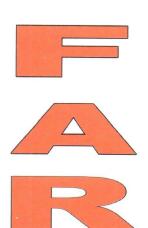
- 1-Airless spray:standard airless spray equipment having a 28:1 or higher pump ratio and a fluid tip with a 0.017 to 0.019 inch orifice.
- 2-Conventional spray:Industrial equipment with suitable aircap having a fluid tip with a 1.8-2 mm orifice.
- 3 -Mixer: mixer must be powered by an air motor or an explosion proof electric motor.
- 4-Brush or 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

- 4- Thinning with FARCO THINN 10 as 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 a standard Sa 2.5 - Sa3, SIS 05 5900, ISO 8501-1. The surface profile must be min 50 -75 micron.

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