

FARCO PRIME 106 - N

M.I.O EPOXY PRIMER COAT

Product information

1-Good adhesion to properly pretreated galvanized steel.

2-Can be used in systems for atmospheric or water immersed exposure conditions.

3-Good abrasion and impact resistance.

4-Good adhesion characteristics for subsequent coats.

5-Good resistance to industrial or chemical contaminated atmospheric exposure conditions.

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:

D.F.T:

Black grey Flat

34°c 36°c 28°c 52±5%

60-70 microns 1.45± 0.08gr/cm³ 8.6m²/lit (at 60 µ D.F.T)

2 hrs 6-8 hrs 7 days 2

8 hrs at 25 °c;

Mixing ratio(by volume):

Resin: Cure:

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Application methods:

conventional spray or brush or

Recoat intervals*: (mild condition): Min:

Max:

Airless spray or roller

10°c 25°c 40°c 25 hrs 12 hrs 5 hrs 70 hrs 36 hrs 18 hrs

Recommended thinner: Recommended cleaner:

FARCO THINN 10 FARCO CLEAN 10

Curing mechanism:

by solvent release and reaction by

Curing agent and resin

Substrate:

steel ,primed steel, galvanized steel





E-mail: info@ranganfar.com

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



Typical uses

- 1-Zinc rich primed steel parts.
- 2-Galvanized steel sheets.
- 3-Steel
- 4-Shop primed steel.

Application information

This Rangan Far's product is a micaceous iron oxide coating 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.

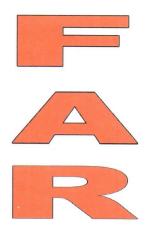
- 1-Airless spray:standard airless spray equipment having a 28:1 or higher pump ratio and a fluid tip with a 0.019 to 0.023 inch orifice.
- 2-Conventional spray:industrial equipment with suitable aircap having a fluid tip with a 2 2.2 mm orifice.
- 3 -Mixer: mixer must be powered by an air motor or an 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.

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- 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.

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 6 hours at 25 °c.
- 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.

The surface must be clean and dry .All dirt grease and other foreign materials should be removed. Old primed surface must be smoothly wire brushed.

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