

EPOXY PHENOLIC TOP COAT

Product information

- 1-Excellent resistance to water, saline water and solvents.
- 2-Excellent resistance to alkali, acid and oils.
- 3-Designed for application directly over steel.
- 4-Excellent protective coating in corrosive environments.

Physical data

Colour: Finish: Flash point:

resin:

solvent:

Volume solids:

Specific gravity(mixed): Theoretical coverage:

Drying time at 25

touch dry: dry to handle: full cure:

Component:

Mixing ratio(by volume):

resin: cure:

refer to can label

Application methods:

airless spray or roller 10°c

Recoat intervals*: (mild condition): Min:

Max:

Recommended thinner: Recommended cleaner:

Curing mechanism:

Substrate:

E-mail: info@ranganfar.com

Flat - Semi flat 34°c

customer request

36°c 28°c

54 ±5%

100-150 microns 1.3 ± 0.08gr/cm³

5.4m²/lit (at 100 µ D.F.T)

3 hrs 6hrs 12days

4 hrs at 25

refer to can label

conventional spray or brush or

25°c

20 hrs 9 hrs 4 hrs 74 hrs 24 hrs 10 hrs

40°c

FARCO THINN 16 FARCO CLEAN 16

by solvent release and reaction by

curing agent and resin

primed steel

FARCO TOP 161



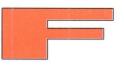
















^{*:} For recoating the surface should be free of dust ,grease and contamination.



Typical uses

As a coating for interior and exterior of pipeline and storage tanks of oils ,acid, alkali, solvents and chemical materials .

Application information

This Rangan Far's product is a epoxy phenolic coating which has excellent resistance to chemical material, alkali, acid, oil and water.

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 fine finish tip with a 0.4 mm to a 0.55 mm or larger.
- 2-Conventional spray: industrial equipment with suitable aircap having a fluid tip with a 1.6-1.8 mm orifice.
- 3-Mixer: mixer must be powered by an air motor or an explosion proof electric motor.

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 if swallowed.
- 6-Use fresh air masks and explosion proof equipment.

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Web site: www.ranganfar.com E-mail: info@ranganfar.com



Application procedure

- 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 °c.

- 4- Thinning with FARCO THINN 16 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

Sand blasting to standard of Sa 2.5 – Sa3, SIS 05 5900, ISO 8501-1. The surface must be clean and dry .all dirt, grease and other foreign materials `should be removed

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