



EPOXY PHENOLIC TOP COAT

Product information

- 1-Excellent resistance to water, saline water and solvents.
- 2-Excellent resistance to alkali, acid and oils.
- 3-Excellent protective coating in corrosive environments.

Physical data

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| Colour: | customer request (white-grey) |
| Finish: | Semi gloss-semiflat |
| Flash point: | |
| resin: | 34 °C |
| cure: | 36 °C |
| solvent: | 28 °C |
| Volume solids: | 65 ±5% |
| D.F.T: | 100-150 microns |
| Specific gravity(mixed): | 1.35 ± 0.08gr/cm ³ |
| Theoretical coverage: | 6.5m ² /lit (at 100 µ D.F.T) |
| Drying time at 25 °C: | |
| touch dry: | 3 hrs |
| dry to handle: | 8 hrs |
| full cure: | 12 days |
| Component: | 2 |
| Pot life: | 2 hrs at 25 °C |
| Mixing ratio(by volume): | |
| resin: | refer to can label |
| cure: | refer to can label |
| Application methods: | conventional spray or brush or airless spray or roller |
| Recoat intervals at 25 °C: | 12-36 hrs |
| Recommended thinner: | FARCO THINN 16 |
| Recommended cleaner: | FARCO CLEAN 16 |
| Curing mechanism: | by solvent release and reaction by curing agent and resin |
| Substrate: | primed steel |

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

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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 two component 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 68:1 or higher pump ratio and a fluid tip with a 0.019 to 0.025 mm orifice.

2-Conventional spray: industrial equipment with suitable aircap having a fluid tip with a 2-1.8mm 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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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 2 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

The surface must be clean and dry .all dirt, grease and other foreign materials should be removed
old primed surface must be special surface preparation with smoothly wire brushed and washed with thinner.

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