

EPOXY COATING FOR WELDING AREA

Product information

- 1- Excellent mechanical strength
- 2- Excellent resistance to abrasion
- 3- Excellent resistance to chemical material and water
- 4- Excellent resistance to oil
- 5-used in conjunction with cathodic protection

Physical data

Colour:	customer request (white-green)
Finish:	Semigloss-gloss
Flash point:	
Resin:	24 [°] c
Cure:	24 [°] c
Volume solids:	95 ±3%
D.f.t:	400 - 450 microns
Specific gravity(mixed):	1.5 ±0.08 gr/cm ³
Theoretical coverage:	2.37 m ² /lit (at 400μ d.f.t)
Drying time at 25 [°] c:	
Touch dry:	6 hrs
Dry to handle:	24 hrs
Full cure:	7days
Component:	2
Pot life at 25 [°] c:	30 minutes
Mixing ratio (by volume):	
Resin:	refer to label of can
Cure:	refer to label of can
Application methods:	Brush
Recommended cleaner:	FARCO CLEAN 13
Shelf life:	12 months when stored indoors in unopened Original containers at 25 [°] c (cool and dry Place).
Curing mechanism:	reaction between components
Substrate:	steel , welding area ,concrete

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

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Typical uses

As a self priming and top coat on concrete or steel industrial subjected to where chemical, water, solvents, mechanical strength is required. and use in the water pipelines and conjunction.

Application information

This Rangan Far's product is a two component poly amine cured solvent free epoxy top coat.

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.

- 1- Brush
- 2 -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 applying paint 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 30 minutes at 25°.
- 4-Stir during application to maintain uniformity of material.
 - 5-Clean all equipment with cleaner immediately after use.

Environmental condition

Environmental temperature must be 10-40°.

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

Surface preparation

The surface must be clean, dry and free of grease, mill scale, rust and dirt. Sand blasting to standard Sa 2.5 – Sa3 , SIS 05 5900 , ISO 8501-1 and the surface profile is 80-100 microns.

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