

SOLVENT FREE EPOXY COATING(HOT APPLY)

Product information

- 1- Excellent mechanical strength
- 2- Excellent resistance to abrasion
- 3- Excellent resistance to chemical material and water
- 4- Excellent resistance to oil

Physical data

Colour:	light green
Finish:	Semigloss-gloss
Flash point:	100 °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 40 °C:	
Touch dry 40 °C:	2-3 hrs
Full cure 25 °C:	7days
Component:	2
Pot life at 60 °C:	5 minutes
Mixing ratio (by volume):	
Resin:	refer to label of can
Cure:	refer to label of can
Application methods:	hot airless , Special machinery
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 steel industrial subjected to where chemical, solvents, mechanical and water strength is required. and use in the water pipelines.

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.

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 5 minutes at 60°C.
- 4-Stir during application to maintain uniformity of material and apply a wet coat in even parallel passes and cross coat.
- 5-Clean all equipment with cleaner immediately after use.

Environmental condition

Environmental temperature must be 10-40°C.
Surface temperatures must be at least 3°C 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 100-125 microns.

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