



EPOXY POLY AMINE SEALER

Product information

- 1- Excellent mechanical strength
- 2- Excellent resistance to abrasion
- 3-Excellent resistance to alkali and weak acidic materials
- 4- Excellent resistance to chemical material
- 5-Excellent resistance in oil
- 6-Excellent permeability to substrate.

Physical data

Colour:	transparent		
Finish:	Flat		
Flash point:			
Resin:	24 °c		
Cure:	24 °c		
Volume solids:	50 ± 5 %		
D.f.t:	10-20 microns		
Specific gravity(mixed):	0.976 ±0.08 gr/cm ³		
Theoretical coverage:	50 m ² /lit(at 10 µ d.f.t)		
Drying time at 25 °c:			
Touch dry:	4 hrs		
Dry to handle:	8 hrs		
Full cure:	7 days		
Component:	2		
Pot life at 25 °c:	40 minutes		
Mixing ratio (by volume):			
Resin:	refer to can label		
Cure:	refer to can label		
Application methods:	Airless or conventional spray or roller		
Recoat intervals* :	10 °c	25 °c	40 °c
(mild condition) : Min:	16 hrs	8 hrs	4 hrs
Max:	48 hrs	16 hrs	8 hrs
recommended thinner:	-		
Recommended cleaner:	FARCO CLEAN 13		
Curing mechanism:	reaction between components		
Substrate:	concrete ,cement		

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

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Typical uses

As a sealer coat for pretreatment of concrete floors subjected to where chemical, solvent resistance and mechanical strength is required.

Application information

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

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 0.457 to 0.660 mm orifice.

2-Conventional spray: Industrial equipment with suitable aircap having a fluid tip with a 1.8-2 mm orifice .

3 -Mixer: mixer must be powered by an air motor or an explosion proof electric motor.

4- 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.

4-Always take precautions against the risks of fire and explosions.

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- 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 40 minutes at 25°C.
- 4-Stir during application to maintain uniformity of material and apply a wet coat in even parallel passes.
 - 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, salt, rust and dirt. concrete must be cured 28 days at 24 °C and 50% relative humidity or equivalent .prepare surface in accordance with ASTM 4258 surface cleaning of concrete and ASTM 4259 abrading concrete

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