

EPOXY FLOORING TOP COAT

Product information

- 1- Excellent mechanical strength
- 2- Excellent resistance to abrasion
- 3- Excellent resistance to alkali and weak acid
- 4- Excellent resistance to chemicals
- 5- Excellent resistance to oil and water

Physical data

Colour:	Customer request
Finish:	Gloss
Volume solids:	95 ±3%
D.f.t:	1000-3000 microns
Specific gravity (mixed):	1.8 ±0.08 gr/cm ³
Theoretical coverage:	0.95 m ² /lit (at 1000µ d.f.t)
Drying time at 25 °C:	
Touch dry:	10-16 hrs
Full cure:	7 days
Component:	2
Pot life at 25 °C:	30-40 minutes
Mixing ratio (by volume):	
Resin:	refer to label of can
Cure:	refer to label of can
Application methods:	roller, squeegee, trowel spatula
Recommended cleaner:	FARCO CLEAN 70
Curing mechanism:	reaction between components
Substrate:	epoxy flooring coating-epoxy sealer

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Typical uses

As a floor coat on concrete subjected to where chemical, solvent resistance and mechanical strength is required

Application information

This Rangan Far's product is a two component polyamine cured solvent free epoxy floor 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-Squeegee.
- 2-Trowel spatula .
- 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 vapors 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.

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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°C.

4-Stir during application to maintain uniformity of material and apply.

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, and dirt. The grinding machine or scuffier machine or blasting is used for surface preparation. 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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