



**RANGAN FAR CO.**  
MANUFACTURER OF INDUSTRIAL PAINTS

FARCO SEAL 10

# EPOXY SEALER COAT

## Product information

- 1- Excellent mechanical strength
- 2- Improve adhesion of intermediate coat
- 3- Excellent resistance to alkali and weak acidic materials
- 4- Excellent resistance to chemicals
- 5- Excellent resistance to oil and water

## Physical data

Colour:	Transparent
Finish:	Semi gloss
Flash point:	
Resin:	24 <sup>°</sup> c
Cure:	24 <sup>°</sup> c
Volume solids:	30±5%
D.f.t:	20-30 microns
Specific gravity (mixed):	0.94 ±0.08gr/cm <sup>3</sup>
Theoretical coverage:	15 m <sup>2</sup> /lit (at 20μ d.f.t)
Drying time at 25 <sup>°</sup> c:	
Touch dry:	4-6 hrs
Full cure:	7 days
Component:	2
Pot life at 25 <sup>°</sup> c:	4-6 hrs
Mixing ratio (by volume):	
Resin:	refer to label of can
Cure:	refer to label of can

Application methods: conventional spray or brush or  
airless spray or roller

Recoat intervals\*: Min 4hrs and Max 8 hrs at 25<sup>°</sup>c

Recommended thinner: FARCO THINN 10

Recommended cleaner: FARCO CLEAN 10

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 on concrete or steel industrial subjected to where chemical, solvent resistance and mechanical strength is required.

## Application information

This Rangan Far's product is a two component polyamide cured 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 0.33 to 0.381 mm orifice.
- 2-Conventional spray: industrial equipment with suitable aircap having a fluid tip with a 1.4-1.6 mm orifice.
- 3-Mixer: mixer must be powered by an air motor or an explosion proof electric motor.
- 4-Brush or 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.

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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 4-6 hours

4-Stir during application to maintain uniformity of material and apply a wet coat in even parallel passes after 20 minutes.

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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