



# ZINC RICH EPOXY ESTER PRIMER

## Product information

- 1-Good adhesion to substrate.
- 2-Tough and durability of film
- 3- High corrosion resistance
- 4- water and solvents resistance.

## Physical data

Colour:	Grey
Finish:	Flat
Flash point:	23 °C
Volume solids:	56±5%
D.f.t:	60-70 microns
Specific gravity:	1.65 ±0.1 gr/cm <sup>3</sup>
Theoretical coverage:	9.3 m <sup>2</sup> /lit (at 60µ d.f.t)
Drying time at 25 °C:	
Touch dry:	1hrs
Dry to handle:	3hrs
Full cure:	4 days
Component:	1
Application methods:	Conventional spray ,brush , Airless spray or roller
Recoat intervals* :	10 °C      25 °C      40 °C
(mild condition) : Min:	25 hrs      10 hrs      5 hrs
Max:	40 hrs      24 hrs      12 hrs
Recommended thinner:	FARCO THINN 15
Recommended cleaner:	FARCO CLEAN 15

Curing mechanism:	by solvent release and chemical reaction with O <sub>2</sub>
Substrate:	blasted substrate sa2½ .

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

**R**  
**A**  
**N**  
**G**  
**A**  
**N**  
**F**  
**A**  
**R**



## Typical uses

As a primer coat in industrial structures such as tanks, refineries and bridges .

## Application information

This Rangan Far's product is an epoxy ester primer coat for industrial and marine use.

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 0.66 mm orifice.

2-Conventional spray: industrial equipment with suitable aircap having a fluid tip with a 2-2.2 mm orifice .

3- Mixer

4-Brush

## 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.

**R  
A  
N  
G  
A  
N  
  
F  
A  
R**





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

**FARCO PRIME 152**

5-Harmful or fatal if swallowed, immediately seek medical assistance if swallowed.

6-Use fresh air masks and explosion proof equipment.

**Application procedure**

1-Flush equipment with recommended cleaner before use.

2-Stir paint for 5 minutes.

3- Thinning with FARCO THINN 15 as needed for workability.

4-Apply a wet coat in even, parallel passes. overlap each pass 50% to avoid bare areas, pinholes or holidays.

5-Small damaged or bare areas and random pinholes or holidays can be touched up by brush.

6-Clean all equipment with recommended 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 and dry. All dirt grease and other foreign materials should be removed. blasting to standard Sa 2.5 – Sa3 SIS 05 5900, ISO 8501-1.

**R  
A  
N  
G  
A  
N  
  
F  
A  
R**