

# EPOXY PHENOLIC LACQUER

R  
A  
N  
G  
A  
N  
  
F  
A  
R

## Product information

- 1- Designed for can coatings especially food package.
- 2--Excellent resistance to water and saline water.
- 3-Excellent resistance to alkali and acidic material, oil, animal and vegetable oils.
- 4-Hard, tough, flexible and abrasion resistant.
- 5- Designed for application directly over steel.

## Physical data

Colour:	transparent
Finish:	gloss
Flash point:	28 <sup>°C</sup>
Volume solids:	38±2%
D.f.t:	15 ± 2 microns
Specific gravity:	0.98 ± 0.05gr/cm <sup>3</sup>
Theoretical coverage:	25.3 m <sup>2</sup> /lit (at 15 μ d.f.t)
Baking condition:	
Flushing time:	10 minutes
Stoving time:	10 - 15 minutes
Stoving temp.	200 <sup>°C</sup> -220 <sup>°C</sup>
Component:	1
Application methods:	conventional spray or brush or Roller
Recommended thinner:	FARCO THINN 18
Recommended cleaner :	FARCO CLEAN 18
Shelf life:	12 months when stored indoors in unopened Original containers at 5 to 40 <sup>°C</sup> (cool and dry Place).
Curing mechanism:	heat curing
Substrate:	steel



## Typical uses

As a coating for interior of food grade cans and drums. Or as a coating for interior of drums containing oils ,acid, alkali, solvents and chemical materials .

## Application information

This Rangan Far's product is a epoxy phenolic lacquer which has excellent resistance to chemical, alkali and acidic oil and water .

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-Conventional spray:industrial equipment with suitable aircap having a fluid tip with A 1.4-1.6mm orifice.

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

## 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 dequate 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.

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

6-Use fresh air masks and explosion proof equipment.

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



## Application procedure

- 1-Flush equipment with recommended cleaner before use.
- 2-Stir paint for 5 minutes.
- 3- For spray, thin only 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 temperature must be at least 3°C above dew point to prevent condensation. At freezing temperature 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.

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