



# ALKYD PRIMER

## Product information

- 1-Excellent spray ability.
- 2-Resists corrosion.
- 3-Recommended for use on steel where a conventional topcoat system is required.
- 4-Corrosion protection for above water .

## Physical data

Colour:	customer request		
Finish:	flat		
Flash point:	28 °C		
Volume solids:	50 ±5%		
D.f.t:	60-80 microns		
Specific gravity:	1.3 ± 0.08gr/cm <sup>3</sup>		
Theoretical coverage:	8.3 m <sup>2</sup> /lit (at 60 µ d.f.t)		
Drying time at 25 °C:			
Touch dry:	2-3 hrs		
Dry to handle:	6-8 hrs		
Full cure:	7days		
Component:	1		
Application methods:	conventional spray or brush or Airless spray or roller		
Recoat intervals*:	10 °C	25 °C	40 °C
(mild condition) : Min:	30 hrs	12 hrs	6 hrs
Max:	748 hrs	24 hrs	12 hrs
Recommended thinner:	FARCO THINN 21		
Recommended cleaner:	FARCO CLEAN 21		
Curing mechanism:	by solvent release and chemical reaction With O <sub>2</sub>		
Substrate:	steel		

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

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## Typical uses

As a universal primer on interior and exterior steel in mildly to moderately corrosive environment.

## Application information

This Rangan Far's product is a universal alkyd primer for above water service.

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 1.6-1.8mm orifice .

3- Mixer

4-Brush

## Caution

1-Handle with care.

2-Harmful or fatal if swallowed; immediately seek medical assistance.

3-Avoid inhalation of possible solvent vapours or paint mist, as well as paint contact with skin and eyes.

4-Apply only in well ventilated areas and ensure that

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- adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant.
- 5-Use fresh air masks and explosion proof equipment.
  - 6-Take precautionary measures against static discharges.

### **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. old primed surface must be smoothly wire brushed. Blasting or wire brushing to a standard of St2, Sa 2.5 – Sa3, SIS 05 5900, ISO 8501-1.

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