

# ALKYD PRIMER

## RANA 713P

### 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 ±2%		
D.f.t:	60-80 microns		
Specific gravity:	1.55 ± 0.05gr/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 hrs		
Dry to handle:	8 hrs		
Full cure:	4days		
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:	NONE	NONE	NONE

\*\*Maximum Recoat: Unlimited. Must have a clean, dry surface for top coating. "Loose" chalk or salts must be removed in accordance with good painting practice. Drying time is temperature, humidity, and film thickness dependent

Recommended thinner:	RANA THINN 70
Recommended cleaner:	RANA CLEAN 70
Shelf life:	12 months when stored indoors in unopened Original containers at 5 to 40°C (cool and dry Place).
Curing mechanism:	by solvent release and chemical reaction With O <sub>2</sub>
Substrate:	steel

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### Typical uses

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

### Application information

This RANA CHEM'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.

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- 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 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, parrallel 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

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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. Sand blasting or wire brushing to a standard of St2, Sa 2.5 – Sa3 , SIS 05 5900 , ISO 8501-1.