

## ALKYD INTERMEDIATE COAT

### RANA 723 I

#### Product information

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

#### Physical data

Colour:	customer request		
Finish:	flat		
Flash point:	28 °C		
Volume solids:	48 ±2%		
D.f.t:	50 - 60 microns		
Specific gravity:	1.35 ± 0.05gr/cm <sup>3</sup>		
Theoretical coverage:	9.6 m <sup>2</sup> /lit (at 50 µ d.f.t)		
Drying time at 25 °C:			
Touch dry:	2 hrs		
Dry to handle:	5 hrs		
Full cure:	4 days		
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 , primed steel

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

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### Typical uses

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

### Application information

This RANA CHEM's product is a universal alkyd intermediate or 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

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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 paint applies is

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.

**RANACHEM**

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