

P.V.C INTERMEDIATE COAT RANA 423 I

Product information

- 1-Good yellowing resistance
- 2-Tough and abrasion resistant
- 3-Excellent resistance to alkali and acidic materials
- 4-Excellent resistance to water and sea water

Physical data

Colour:	Customer request		
Finish:	Flat		
Flash point:	24 °C		
Volume solids:	40 ±2%		
D.f.t:	50-60 microns		
Specific gravity:	1.2 ±0.05 gr/cm ³		
Theoretical coverage:	8 m ² /lit (at 50µ d.f.t)		
Drying time at 25 °C:			
Touch dry:	30 minutes		
Dry to handle:	2 hrs		
Full cure:	72 hrs		
Component:	1		
Application methods:	Conventional spray or brush or Airless spray or roller		
Recoat intervals*:	10 °C	25 °C	40 °C
(mild condition) : Min:	8 hrs	4 hrs	2 hrs
Max:	48 hrs	18 hrs	12 hrs
Recommended thinner:	RANA THINN 41		
Recommended cleaner:	RANA CLEAN 41		
Shelf life:	6 months when stored indoors in unopened Original containers at 5 to 40 °C (cool and dry Place).		
Curing mechanism:	By solvent release		
Substrate:	primed steel		

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

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Typical uses

As a intermediate coat interior and exterior in moderate to severely corrosive environment on steel structures

Application information

This RANA CHEM's product is a poly vinyl chloride intermediate 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 0.381 to 0.457 mm orifice.

2-Conventional spray: industrial equipment with suitable aircap having a fluid tip with 6 -1.8 mm orifice .

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

4-Brush or roller.

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 paint applies is

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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.

6-Use fresh air masks and explosion proof equipment.

Application procedure

1-Flush equipment with recommended cleaner before use.

2-Stir all material thoroughly before applying.

3- For spray application ,thin only as needed for work ability.

4-In confined areas ventilate with clean air during application and drying until all solvents are removed.

Temperature and humidity of ventilating air must be such that moisture condensation will not form on surface.

5-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 .old primed surface must be smoothly wire brushed.