

# APCOTHANE 1K 142



## PRODUCT DESCRIPTION

Air drying, single component, aliphatic polyurethane coating

## FEATURES AND RECOMMENDED USE

- Designed as a single pack isocyanate free polyurethane finish
- Excellent recoatability over a wide range of alkyd /epoxy primers or intermediate coats
- Good colour and gloss retention
- Good air drying properties
- Good mechanical properties
- Excellent finish with high gloss

## TECHNICAL DATA

Colour	Range
Gloss	Glossy
Volume Solids	Approx. 43 %
Recommended DFT / Coat	25 – 35 $\mu$ m
Theoretical Coverage Capacity	17.2 sq.mtr/l @ 25 $\mu$ m DFT 12.3 sq.mtr/l @ 35 $\mu$ m DFT
Drying time at 30°C	Surface dry : 60 minutes Hard dry : 8 hours Full cure : 7 days
Over coating interval at 30°C	Min. : 8 hour Max.: Unlimited, provided surface is free from any contamination, corrosion and zinc salt

The data given is for guideline only. The physical values are subject to normal manufacturing tolerances, colour and testing variances. The actual drying time/ overcoat interval may be shorter or longer, depending on film thickness, ventilation, humidity, temperature etc. The information provided above is at 30 °C and 65 % relative humidity

## DIRECTIONS FOR USE

### Surface Preparation

#### General

- Suitable alkyd or epoxy primer or intermediate coat, dry and free from any contamination. In case of aged alkyd or epoxy coating, the surface should be sufficiently roughened if necessary

### Application Conditions

- Substrate temperature should be at least 3°C above dew point but not above 50°C
- Relative humidity should be below 85%
- Good ventilation is required in confined areas to ensure proper curing

## Application

<b>Brush/Roller</b> Thinner Volume of Thinner	T – 284 0 – 10 % *
<b>Air Spray</b> Recommended thinner Volume of thinner Nozzle orifice Nozzle pressure	T – 284 5 - 20 %* 1.8 - 2.0 mm 0.3 - 0.4 MPa (= approx. 3-4 atm; 43-57 p.s.i)
<b>Airless Spray</b> Recommended thinner Volume of thinner Nozzle orifice Nozzle pressure	T – 284 0 – 5 % * 0.28 - 0.33 mm 10 - 13 MPa (= approx. 100 - 130 atm; 1400 - 1800 p.s.i)

### Note :

- Maximum film build in one coat is best attained by airless spray
- Depending on recommended thickness & application condition \*

## Cleaning

- Do not allow the product to remain in hoses, gun or spray equipment. Clean all equipment's immediately after use with Thinner T – 284

<b>PACK SIZE</b>	20 L & 1 L
<b>STORAGE</b>	<b>Shelf Life:</b> At least 12 months at 30°C for original unopened pack, subject to inspection thereafter. Store in a cool, dry place and in accordance with local regulations
<b>REGULATORY INFORMATION</b>	<b>Flash point:</b> Not less than 30°C <b>VOC:</b> 458 ± 20 g/ ltr as per USA-EPA Method 24 <b>Product Weight:</b> 0.96 ± 0.05 kg/ ltr

## SAFETY INFORMATION

- As a general safety measure, inhalation of solvent vapours or paint mist and contact of liquid paint with skin & eyes should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin and eye protection is always recommended while spraying paint
- Please refer our Material Safety Data Sheet prior to using the product

*Disclaimer: To the best of our knowledge the information provided herein is true and accurate at the date of issuance. Since we have no control over the quality or condition of the substrate or the various factors affecting the use and application of the product, we do not accept any responsibility or liability arising out of use of the product. The company reserves the right to modify data contained herein without prior notice. Any change in data would normally be followed by issue of a new data-sheet. The user should check with the nearest sales office of the company and confirm the validity of the information, prior to using the product*

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