

ACRYLIC - ALIPHATIC POLYURETHANE TOP COAT

RAMCOAT[®] THANE 341

Product Description

RAMCOAT[®] THANE 341 is a 100% Non-Yellowing Acrylic Aliphatic Polyurethane Finish Paint suitable for Exterior and Interior applications. RAMCOAT[®] THANE 341 is a two component Polyurethane based Top Coat developed as a high performance coating for use in Chemical Plants, Fertilizer Plants, Petrochemical Complexes and wherever high chemical resistance, solvent resistance with abrasion resistance and decorative finish are required.

Recommended Use

- Chemicals & Fertilizer Industries, Petrochemical Complexes, Refineries, Bulk Storage Tanks, Plants Equipments, Structures etc.
- Maintenance Coating, Mild Steel, Stainless Steel, GI, Aluminum, Plastics, ABS, FRP, Wood, Acrylics, Polystyrene Polycarbonates, Cement, Concrete, etc.
- Original Equipment Coating
- Hygienic Wall Coating

Technical Information

PROPERTY	SPECIFICATION
Type	Two pack, cured with Aliphatic Polyisocyanate
Finish	Glossy, Semi Glossy, Matt
Colour	As per your requirement.
Mixing Ratio	Base : Hardener — As per recommendation
Maturation Time	10-15 Minutes
Pot Life @ 30 °C	3 ±1
Volume Solid, %	40 + 2%
Recommended WFT	75-87.50 µ
Recommended DFT	30-35 µ / Coat
Covering Capacity (TCC)	13.33 m ² / l @ 30 µ 11.428 m ² / l @ 35 µ

Drying Time (At 30 °C & 65 % Relative Humidity)

STAGE	TIME
Touch	20-25 min
Handle	1 hr
Hard	Overnight

Over Coating Interval : MIN: 6 hr MAX : 30 Day

Provided surface should be free from oil, grease, mil scale, rust & other contaminants and surface should be sufficiently roughen by sand paper no # 150 before application of further coat.

Flash Point

COMPONENT	FLASH POINT
Base	Above 25 °C
Hardener	Above 25 °C

Recommended Thinner :

RAMCOAT[®] Polyurethane Thinner

Shelf Life:

12 months under normal storage conditions in original containers at 30°C

SURFACE PREPARATION:

- Clean the surface and remove grease, oil, water, dust and other Contaminants.
- Steel blast cleaning upto SA 2 ½ Grade for better performance and if blast cleaning is not practical, make full use of mechanical tools along with manual chipping and wire brushing to lose rust and scale upto St 2/ St 3 Grade.
- Excessive burnishing of metal substrate is to be avoided.
- The surface should be clean & dry before application of appropriate primer.

SURFACE PREPARATION:

- Mix the base and hardener in recommended ratio keeping in mind pot life of the mixed material.
- Apply directly without thinner. However, 5% – 7% Thinner may be used depending upon climatic condition.
- Brush – Apply preferably without thinning.
- Conventional Spray – Use 5-7% Thinner if required.
- Airless Spray – Airless spray essential to achieve high DFT and uniform finish.
- Suggested Tip Size : 16-21 thou
- Output fluid pressure : 2600-3100 psi

Do not apply paint when temperature falls below 10°C or rises above 50°C and when humidity rises above 85%. Also do not apply during Rain, Fog or Mist.

Apply the paint in well ventilated area with suitable personal protective equipments.

PACKING :

- Packing : 20 L., 4 L

The information given in this literature sheet is, to the best of our knowledge, true and accurate. Their accuracy, completeness or appropriateness under the actual conditions of any intended use is not guaranteed.

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