

ACRYLIC - ALIPHATIC HIGH BUILD POLYURETHANE TOP COAT

RAMCOAT[®] THANE HB 344

Product Description

RAMCOAT[®] THANE HB 344 is an acrylic aliphatic high build coating provides excellent durability in chemical and saline coastal environment with long term recoatability. RAMCOAT[®] THANE HB 344 is a two component Polyurethane based high build Top Coat with excellent abrasion and better UV resistance.

Recommended Use

- It is recommended to use as a Top Coat in structural steel, offshore structure, Chemicals & Fertilizer plants, Petrochemical Complexes, Refineries, Bulk Storage Tanks, Plants Equipments, Structures etc.

Technical Information

PROPERTY	SPECIFICATION
Type	Two pack, cured with aliphatic polyisocyanate
Finish	Glossy/ semi glossy/ matt
Colour	Any assorted shade
Mixing Ratio	Base : Hardener – As per recommendation
Maturation Time	30 Minutes
Pot Life @ 30° C	2 – 3 hrs
Volume Solid, %	60 ± 2
Recommended WFT	83.33 – 100μ
Recommended DFT	50–60 Microns per coat
Covering Capacity (TCC)	12.00 Sq. Mt./Ltr. per coat @ 50 micron DFT ; 10.00 Sq. Mt./Ltr. per coat @ 60 micron DFT

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

STAGE	TIME
Touch	1 hr
Handle	6-8 hrs
Hard	Overnight

Over Coating Interval : Min.: Overnight. Max: 6 days.

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

Method Of Application :

Brush, Airless or Conventional Spray

Shelf Life:

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

SURFACE PREPARATION:

- All surfaces to be coated should be clean, dry and free from other contamination and foreign particles and should be cleaned as per SSPC-SPI solvent cleaning.

APPLICATION :

- Mix the base and hardener in recommended ratio keeping in mind pot life of the mixed material.
- Thinner required 5%-10% Thinner may be used depending upon climatic condition.
- Brush – Apply preferably without thinning. If require 2-5% Thinner may be used.
- Conventional Spray – Use 7-10% Thinner if required.
- Airless Spray – Airless spray essential to achieve high DFT and uniform finish.
- If required, Use thinner 5-7% by volume, based on environment condition.
- Suggested Tip Size: 15-19 thou.
- Output fluid pressure: 2000-2200 psi.

Do not apply paint when temperature falls below 10°C or rises above 50°C and when relative humidity is above 85% RH.

Also do not apply during Rain, Fog or Mist. Apply the paint in well ventilated area.

PACKING :

- Packing : 20l

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. For further assistance please contact our technical dept.

Contact Us:

15-D, Kamaldeep Industrial Estate, Opp. Arvind Mill, At: Khatraj – 382721, Taluka: Kalol,
District: Gandhinagar, Gujarat, India.

info@ramcoat.in | www.ramcoat.in