

AQUA PRIMTOP DTM

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AQUA PRIMTOP DTM is a special technology modified acrylic water based Direct-To-Metal (DTM) coating with excellent adhesion to various substrates (Ferrous and non-ferrous) without using primer. Primtop DTM suitable for steel structure and steel construction with excellent corrosion and weather resistance.

FIELD APPLICATION

Steel structure and steel construction for corrosion category C1 to C3 low (according to ISO 12944).

FEATURES AND BENEFITS

1. Environment friendly coating (Low VOC, Water Base)
2. Excellent adhesion to various substrate without using primer
3. Excellent corrosion resistance until 500 hrs (Salt Spray Chamber)
4. Excellent water immersion test (60°C, 48 hours)
5. Fast dry
6. Easy to apply

PRODUCT DATA

Finish	: Gloss
Volume solid	: 42 ± 2 %
Specific Gravity	: 1.20 ± 0.04
VOC contains	: < 70 g/L

APPLICATION

Thinner	: Clean water
Application Condition	: 25 – 35°C, 60 – 80%RH
Application Method	: Air spray Brush/Roller
Thinning Ratio by Weight	: 10-20% 5-10%
Wet Film Thickness	: 95 microns (for DFT 40 mic)
Dry Film Thickness	: minimum 2 x 40 microns
Theoretical coverage	: 8.75 m ² /Kg (DFT 40 mic) before thinning
Coating amount	: 114 g/ m ² (DFT 40 mic)
Re-coating Interval	: minimum 3 hours (30°C)

FILM PROPERTIES

Drying time	: Surface dry = 20-30 mins (30°C)	
	Hard dry = 3 – 4 hours (30°C)	

OTHERS

Storage Stability : Two years if it is stored in cool and dry place, also in its original not opened package. (Do not store below freezing point)

SURFACE PREPARATION

1. All surfaces should be clean, dry and free from contamination.
2. Oil or grease should be removed by solvent cleaning or industrial detergent.
3. Remove the rust with wire brush, sand paper, rust converter ROST X-10.
4. Provide adequate ventilation during application and drying.

INSTRUCTION FOR USE

1. Stir thoroughly, add maximum 10% clean water for air spray application.
2. After 3 hours, apply second coat.

RECOMMENDED COATING

First coat : **AQUA PRIMTOP DTM**
Second coat : **AQUA PRIMTOP DTM**

SAFETY PRECAUTION

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, dust masks, and gloves. Do not breathe the vapor of spray. Ensure adequate ventilation and fresh air entry during application and drying. If there are experiences eye watering, headaches, dizziness or difficult breathing, leave the area to obtain fresh air or respiratory protection.

FIRST AID

Skin contact : wash with soap and water. If irritation occurs, seek medical advice.
Eye contact : rinse immediately with plenty of water for at least 15 minutes; seek medical advice.
Inhalation : remove person to fresh air. Keep patient rested and give artificial respiration.
Ingestion : provide symptomatic treatment and seek medical advice.

DISCLAIMER

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