



Polyurethane DTM (Direct-to-Metal) Finish

# REDOTHANE MASTIC 800

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## Description

**REDOTHANE MASTIC 800** is a two Component Physically Drying DTM (Direct to Metal Coating) Polyurethane Paint suitable for active anti-corrosive protection for wide range of surfaces.

## Benefits

- Good adhesion properties over correctly prepared steel and stainless steel
- Provides Good gloss and colour retention

## Application Area

- Use as a single coat primer cum finish coating system to protect Construction and Mining heavy machinery Agricultural equipment, Transportation vehicles, material handling and lifting equipment, Tanks and Vessels, and industrial structures

## Technical Information

PROPERTIES	RESULTS
Color	Grey
Finish	Glossy (70-85GU)
Viscosity (B4 Cup)	420-430 second
Recommended DFT	50-80μ in single coat
Wet Film Thickness	90-145μ in single coat
Specific Gravity	1.60±0.05
Surface Dry	30 min

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

## Direction For Use

- **SURFACE PREPARATION:**

All surfaces to be coated should be clean, absolutely dry and oil or moisture free before painting application. Oil and grease should be removed by solvent cleaning.

- **Primed Surface :**

The primed surface should be dry and free from all contamination and Redothane mastic 800 should be applied within the overcoating intervals specified in primer TDS.

Area of damaged primer or rework etc should be prepared as per specified standards, either by power tool cleaning or other means.

- **Steel :**

Abrasive blast clean to a minimum of Sa2½ (ISO 8501-1:2007). Surface defects revealed by the blast cleaning process should be ground, filled, or treated in the appropriate manner. A surface profile of 30-40 microns is recommended.

- **Stainless Steel :**

Dirt and oils should be removed by solvent cleaning or other suitable cleaner followed by a thorough water rinsing. Sand or abrasive sweep blast to a standard similar to ISO 8501-1:2007 Sa1 to create a surface profile.

- **Application Data :**

Application Method	Spray/ Airless Spray/Brush/ Roller
Mixing Ratio	4 Part (Base) : 1 Part (Hardener)
Pot Life	Three Hours at 30°C
Thinner and Cleaner	PU Thinner
Airless Nozzle	0.35 - 0.45 mm
Orifice Nozzle Pressure	155 kg/cm <sup>2</sup> or 2200 psi

- **Working Precautions:**

Material should not be allowed to remain in pipeline, hoses, gun or spray equipment. Thoroughly flush all equipment with universal thinner. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages, the work should recommence with freshly mixed units.

- **Maintenance:**

Clean all equipment immediately after use with universal thinner. It is good working practice to periodically flush out spray equipment during the course of the working day. All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

## Coverage

- REDOTHANE MASTIC 800 will give coverage of 11.00 sq.mt / lit at recommended DFT of 50μ

## Supply

- It is supplied in 20 lit set (16 lit base & 4 lit hardener).

## Self-Life

- 2 year from the date of manufacturing. This is solvent based coating and the containers should be kept in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed.

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