



## REDOTHANE MASTIC 800

### Polyurethane DTM (Direct-to-Metal) Finish

#### 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.

#### Uses:

- 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

#### Advantages/Characteristics:

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

#### Company Standard Compliance:



#### Technical Information:

Properties	Specification
Color	Grey
Finish	Glossy (70-85GU)
Viscosity (B4 Cup)	420-430 second
Recommended DFT	50-80 $\mu$ in single coat

Wet Film Thickness	90-145 $\mu$ in single coat
Specific Gravity	1.60 $\pm$ 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.

#### Method of Application:

##### 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.

**Packaging:**

REDOTHAN MASTIC 800 is supplied in 20 lit set (16 lit base & 4 lit hardener).

**Storage & Shelf-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.

**Health & Safety:**

This product is for professional use only. The paint applicators should be trained, experienced and have the capability and equipment to mix and apply the coatings correctly as instructed. Applicators should use appropriate protection equipment when using this product.

This is solvent based product and should be use under well ventilated conditions. Do not inhale spray mist. Skin contact should be avoided. In case of spillage on the skin, it should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water.

 <p>Indian Green Building Council</p>	<p>It is the practice of increasing efficiency with which buildings use resources- energy, water and materials-while reducing building impacts on human health and the environment.</p>
	<p>ISO 45001 is the world's international standard for occupational health and safety, issued to protect employees and visitors from work-related accidents and diseases.</p>
	<p>ISO 9001:2015 is a globally recognized standard for quality management systems (QMS). It helps organizations of all sizes and sectors to: Improve performance, Meet customer expectations, Demonstrate commitment to quality, and Identify and improve processes that lack consistency.</p>
	<p>ISO 14001 is the internationally recognized standard for environmental management systems (EMS). It provides a framework for organizations to design and implement an EMS, and continually improve their environmental performance</p>

	<p>This symbol is used to identify Redwop products which give off a low level of volatile organic compounds(VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.</p>
	<p>Our Commitment To The Environment Redwop products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.</p>
	<p>ISO/IEC 17025 enables laboratories to demonstrate that they operate competently and generate valid results, thereby promoting confidence in their work both nationally and around the world.</p>

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