



## **DTM EPOXY 2 PACK ALL RAL SHADES**

### **PRODUCT CHARACTERISTICS**

#### **Description**

Two Pack Epoxy DTM is a high solids with a short drying time. Dry film thickness gives Above 120 microns.

#### **Recommended use**

Two Pack Epoxy DTM is suitable for protection of new-build steel constructions where fast to handle and short over coating times are required, such Pre-Engineering Building.

#### **Service temperature:**

- Room Temperature @ 30°C

#### **Features**

- High Non Volatile Matters.
- Fast drying.
- High DFT
- Avoid Primer

### **PRODUCT SAFETY**

#### **Handling**

Handle with care. Before and during use, observe safety labels on packaging and paint. Always consult Safety Data Sheet for this product along with the Product Data Sheet.

### **PRODUCT DATA**

<b>Product Name</b>	- Two Pack Epoxy DTM
<b>Product components</b>	- Base - Curing agent
<b>Standard shade* / code</b>	- IS / RAL/ as per customer requirement
<b>Gloss</b>	- Sheen, Egg Shell Gloss, Matt
<b>% NVM</b>	- 60 ± 2%
<b>Specific gravity</b>	- Min 1.2 kg/L
<b>Reference dry film thickness</b>	- Above 120 micron.
<b>Supply Viscosity</b>	- 180 +/-10 Sec
<b>Application</b>	- By Spray
<b>Finish</b>	- Smooth & Uniform
<b>Fineness of Grind</b>	- 10 Microns by Hegman Gauge

#### **Covering**

Covering – 8-10 M2/Ltr



## **DTM EPOXY 2 PACK ALL RAL SHADES**

### **Shelf Life**

12 Months from the date of manufacturing. Unopened containers. Storage at room temperature in a closed room.

## **SURFACE PREPARATION**

### **Cleanliness**

- Remove oil, grease and other contaminants.
- Remove other contaminants.
- Either Use 3 in 1 Solution.

## **APPLICATION**

### **Mixing ratio**

Base : Curing agent  
(4 : 1 by volume)

Stir well before use.

### **Thinner**

Thinner

### **Cleaner**

Tool Cleaner

### **Pot life**

Product 30°C

### **Temperature**

Pot life 2- 4 hours

### **Application method**

<b>Tool</b>	<b>Application parameters</b>	<b>Thinning max vol.</b>
Airless spray	Nozzle pressure: 2-25 bar	10

If brush or roller application is used, more coats will be necessary to achieve the specified dry film thickness. Spray data are indicative and subject to adjustment.

The hardener component of this product must be mixed thoroughly with the base component and allowed to pre-react (induct) for a period of 15 minutes before proceeding to application. Without pre-reaction, this product may result in a greasy/tacky surface, incomplete cure and/or discoloration.



## **DTM EPOXY 2 PACK ALL RAL SHADES**

### **Film thickness**

### **Specification range**

Wet film thickness	-	180 - 200 Microns
Dry film thickness	-	120 Micro
Theoretical spreading	-	8 - 10 m <sup>2</sup> /L

### **Application conditions**

- Optimal paint temperature for proper mixing, and spraying room temperature.  
To avoid condensation, apply on a clean and dry surface.

## **DRYING**

### **Drying time**

Surface Dry	-	Minutes 45
Touch Dry	-	Hours 6
Hard Dry	-	Hours 24

Determined for dry film thickness Above 120 micron at standard conditions, As per coat.

### **Drying conditions**

- To obtain the drying time stated, it is important to maintain sufficient ventilation during application, drying and curing.

## **DRY TEST**

### **Cross Cut Adhesion**

No visible damage or detachment after 48 hrs.

### **SST**

No sign of corrosion after 500 Hrs.

## **STORAGE**

### **30°C**

Base	-	12 months
Curing agent	-	12 months

Shelf life from date of production, when stored in original, unopened containers. Thereafter, the product quality must be re-inspected. Always check the best before date or expiry date on the label.

### **Storage conditions**

- Product must be stored according to local legislation, without direct sunlight and protected from rain and snow.