



# M-Tred Top

## Technical Data Sheet

May 2010

### 1 Product Description

Muralplast M-Tred Top epoxy resin coatings are designed as seamless finishes where high build, hard wearing, chemical, abrasion and impact resistant floor surfaces are required. They are non-toxic, low odour during application and provide a versatile, durable, attractive gloss finish in a range of colours. M-Tred Top finishes have exception adhesion and, whilst being principally designed for coating concrete, they can be applied to a wide range of substrates. They are solvent-free with 100% solids content.



### 2 Properties

- High build coatings are obtainable in one application
- Ventilation for evaporation is not required
- Easily cleaned surfaces, unaffected by strong detergents
- Good colour stability
- Able to be disinfected and sterilized and, therefore, suitable for application where a bacteria-free finish is important
- Aggregate can be incorporated for improved slip resistance, abrasion resistance and wearing properties
- High gloss providing for easy clean, good light reflection and attractive finish
- No shrinkage on curing
- Available in a range of 13 colours

Coverage Rate	Drying Time	Pack Sizes
4 to 5m <sup>2</sup> per kg per coat	Overnight - can accept light foot traffic 7 days - full cure	2.5 and 5 kg

### 3 Where To Use

M-Tred Top floor coatings are suitable for use in most industrial environments on concrete, polymer screeds, asphalt etc, and provide a durable, decorative, attractive and easily cleanable surface. Being low odour, M-Tred Top is ideal for use in the food industry for preparation, processing and storage areas, bakeries, dairies and breweries etc where solvent-based products are unsuitable. The hard wearing and chemical/oil resistant properties also make M-Tred Top ideal for use in showrooms, display areas, supermarkets, warehouses and workshops.



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## 4 Test Data

M-Tred Top has been tested to BS 4247 Part 1 Test A Ease of Decontamination Classification - Excellent.

## 5 Preparation

### 5.1 New Floors

New concrete must be clean, sound, dry and fully cured and surface laitance removed preferably by shot blasting, mechanical abrasion or chemical etching.

### 5.2 Existing Floors

Remove all dirt, oil, grease or other surface contaminants, preferably by shot blasting, scarification or mechanical planing. Fats, oils or grease must be removed by mechanical abrasion and detergent washing.

Alternatively, the substrate may be prepared by an acid etch solution. This must be well rinsed from the surface and the surface allowed to dry. Open, porous substrates may require priming with a suitable product. All local repairs should be carried out using a suitable patch material.

### 5.3 Curing

M-Tred Top achieves the maximum chemical resistance on full cure. Avoid chemical contact or aggressive cleaning within seven days of application. Remove chemical spillages as quickly as possible to prevent concentration by evaporation. Muralplast Technical Department will advise on resistance to specific chemicals.

## 6 Application

The working temperatures of the area should not be allowed to fall below 10°C throughout the application and curing period, otherwise the cure of the material will be retarded and surface finish adversely affected.

Mix the entire contents of the base with the hardener thoroughly, using a slow speed electric mixer.

## 7 Health & Safety

M-Tred Top is manufactured from resins and hardeners which are normally safe to use. However, it is not advisable to allow them to set on the skin and use of a barrier cream and polythene gloves is recommended. After finishing, wash hands with plenty of soap and water.

## 8 Maintenance

M-Tred Top can be cleaned with water or with good quality detergents, or just brushed out.

Avoid exposure to water above 60°C and steam cleaning.

### Technical Assistance

For technical advice and assistance please contact the **Muralplast Technical Office** on the number below.

### Important

The contents of this document are the result of our experience with this product. We cannot be in any way held liable for its use individual cases. For more information, please see the **Material Safety Data Sheet**.

The information given in this data sheet is derived from tests and experience with the products and is believed to be reliable. The information is offered without guarantee to enable purchasers to determine for themselves the suitability of the product for their particular application. Any specification or advice given by the company is based on the information supplied by the purchaser. Muralplast Limited cannot be held accountable for errors or omissions as a result of that information being incorrect or incomplete. No undertakings can be given against infringement of patents.



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