



M-Tred HB

Technical Data Sheet

May 2010

1 Product Description

Muralplast M-Tred HB is a two-pack solvent-free, high build, epoxy resin system for application as a heavy-duty floor coating at a typical thickness from 200 to 500 microns. It provides a coloured gloss finish which is extremely hard wearing and abrasion resistant with good general chemical resistance. Applied by roller or paint brush, the product is low odour, producing a sealed, seamless and hygienic floor surface when cured. Anti-slip finishes can be achieved by the inclusion of bauxite or aluminium oxide aggregate.



2 Properties

- High build finish in one application
- Solvent free
- Hygienic and easily cleaned
- Good colour stability
- Bacteria-free finish
- Anti-slip and increased abrasion resistance with added aggregate
- Excellent high gloss finish
- No shrinkage on curing
- Shelf life 12 months
- Available in a range of 13 colours

Coverage Rate	Drying Time	Pack Sizes
Coverage - 5 kg covers approximately 15m ²	Hard film time - 24 - 36 hours Recoating time - as soon as the surface tackiness has gone i.e. 6 hours onwards	5 kg and 15 kg

3 Where To Use

M-Tred HB is suitable for most industrial floors including concrete, sand and cement screeds and certain types of asphalt and provides a hard wearing, decorative and dust-free finish. Being low odour, M-Tred HB is ideal for use throughout industry including the food sector where solvent-based products are unacceptable. The chemical and oil resistant properties of M-Tred HB make it ideal for engineering units, automotive workshops and factories where a tough, cleanable finish is required.



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4 Preparation

4.1 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.

4.2 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 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.

6 Health & Safety

M-Tred HB is formulated from materials designed to achieve the highest level of performance as safely as possible. However, specific components require proper handling and suitable equipment, this information is given in the relevant safety data sheets. In all cases, spillages or skin contamination should be cleaned as soon as practically possible, by dry wiping of the affected area, and thorough washing with soap and water. Consult the appropriate Safety Data Sheet.

7 Maintenance

M-Tred HB 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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