



# TECHNICAL DATASHEET

## WALL-TECH C.S.M.

### Single Component Water Based Embedment Coat



**Thortex Wall-Tech C.S.M.** is a high performance water based embedment coat specifically developed for use as part of a reinforced system for internal wall surfaces.

**Thortex Wall-Tech C.S.M.** is based on a special blend of resins and pigments that when reinforced with **Thortex C.S.M.** produces an impact resistant, easy to clean hygienic system.

**Thortex Wall-Tech C.S.M.** can be applied to any type of wall surface and when used in conjunction with **Thortex Wall-Tech W.B.** or **Thortex Wall-Tech U.V.** and is ideal for use in food preparation areas, hospitals, warehouses, schools, kitchens and abattoirs where resistance to impact is a major concern.

**Before proceeding, please read the following information carefully to ensure that the correct application procedure is fully understood.**

### SURFACE PREPARATION

All surfaces should be clean, dry and free from contamination then prepared as follows:-

**Existing Coatings:** The integrity of the existing coating should be thoroughly checked and the adhesion of the system checked by using V cut or cross hatch adhesion method. Any loosely adhering or suspect coating must be scraped away to provide a firm sound surface then primed with **Thortex Uni-Tech G.P. Primer** in accordance with the product data sheet.

**Tiles:** Surfaces should be thoroughly clean of oils and grease then primed with **Thortex Uni-Tech G.P. Primer** in accordance with the product data sheet.

**Porous Surfaces:** All loose powdery material must be removed and then surfaces sealed with an approved masonry sealer such as **Thortex Wall-Tech B.S.**

### MIXING

**Thortex Wall-Tech C.S.M.** is a single component material and should only require stirring prior to use to incorporate any slight separation.

### APPLICATION

Prepared surfaces must be clean, dry and free from contamination.

**Heavy Duty Reinforced System:** **Thortex Wall-Tech C.S.M.** should be liberally applied by brush or roller to completely wet out the prepared area.

100 gm chopped strand matting should be laid on to the wet film and rolled in ensuring complete wetting of the chopped strand mat. Where a smooth finish is required, a layer of surface tissue should then be laid on the wet surface and rolled in taking care to avoid creases and wrinkles.

Any overlaps in the surface tissue should not coincide with overlaps in the chopped strand mat.

**Light Weight System:** **Thortex Wall-Tech C.S.M.** should be applied by brush or roller to completely wet out the prepared area. Fibre glass surface tissue should then be laid on the wet surface taking care to avoid creases and wrinkles and rolled into the wet **Thortex Wall-Tech C.S.M.**

**Thortex Wall-Tech C.S.M.** reinforced systems should be allowed a minimum of 24 hours in well ventilated environments before overcoating with either **Thortex Wall-Tech W.B.** or **Thortex Wall-Tech U.V.** system.

All equipment must be cleaned IMMEDIATELY after use with clean water.

### Theoretical Coverage Rate

2.7 m<sup>2</sup>/litre (29 ft<sup>2</sup>) (including matting)

Detailed working recommendations are available from the Technical Centre on request.

## PHYSICAL CONSTANTS

**Mixing Ratio** Supplied ready for use

**Appearance** White Thixotropic Liquid

### Drying & Cure Times

at 20°C(68°C)

<b>Minimum Overcoating</b>	
Heavy Duty System	16 hours
Light Weight System	2 hours
<b>Maximum Overcoating</b>	
Indefinite provided surfaces are clean	

**Volume Solids** 50%

**V.O.C.** Nil

**Shelf Life** Use within 12 months of purchase. Store in original sealed containers at temperatures between 5°C (40°F) and 30°C (86°F).  
PROTECT FROM FROST.

## HEALTH AND SAFETY

As long as normal good practice is observed the **Thortex Wall-Tech C.S.M.** system can be safely used.

Rubber gloves should be used.

A fully detailed **Material Safety Data Sheet** is either included with the material or is available on request.

**NOTE:** normal precautions relating to the use of glass fibre material should be taken when working with the chopped strand mat and surface tissue materials.

## PACKAGING

Supplied in 5 litre units.

The information provided in this Product Data Sheet is intended as a general guide only and should not be used for specification purposes. The information is given in good faith but we assume no responsibility for the use made of the product or this information because this is outside the control of the company. Users should determine the suitability of the product for their own particular purposes by their own tests.



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