

## FLOOR-TECH S.P. PRIMER

### Two Component Solvent Free Epoxy Coating



**Thortex Floor-Tech S.P. Primer** is a high performance, low viscosity solvent free coating designed for use as a multipurpose floor sealing and priming system.

**Thortex Floor-Tech S.P. Primer** can also be used to create a damp proof membrane for concrete floors prior to overlayment with cementitious and other high build screed systems.

**Thortex Floor-Tech S.P. Primer** consists of a unique blend of epoxy resin combined with polyamino amine adducts, which have been specifically selected to provide the optimum level of penetration, adhesion and overcoatability.

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

#### SURFACE PREPARATION

All surfaces must be clean, dry and free from oil, grease and loose material.

**New Concrete:** Surfaces should be lightly abrasive blast cleaned, scarified or mechanically abraded to remove laitence and any curing membrane which may be present. Resultant dust and debris should be removed by sweeping or vacuum cleaning.

**Existing Concrete:** Surfaces should be high pressure detergent washed to remove all dirt, oil and grease, heavy oil contamination may require sweating and burning out. Loose, badly adhering existing coatings should be removed by abrasive blasting or scarifying. All dust and resulting debris should be removed by sweeping or vacuum cleaning.

**Note:** All concrete surfaces must have a maximum moisture content of less than 7%.

**Other Surfaces:** Surfaces should be thoroughly degreased then thoroughly abraded with any resulting dust being removed by vacuum cleaning.

#### MIXING

**Thortex Floor-Tech S.P. Primer** is a two component material consisting of a base component and liquid activator component. The base component should be poured into a suitable mixing container and the activator added and thoroughly stirred until a homogeneous mix is obtained.

**To produce a fluid 'self-levelling' material:** Approximately 1 volume of mixed **Thortex Floor-Tech S.P. Primer** should be added to 1 volume of **Thortex Floor-Tech R.S. Screed**, this is equivalent to 10kgs of **Thortex Floor-Tech S.P. Primer** per 25kg pack of **Thortex Floor-Tech R.S. Screed**.

**To produce an economical fill material:** 1 unit **Thortex Floor-Tech S.P. Primer** (2.0kgs) should be mixed with 30-35kgs of 1/4" clean, dry gravel/silica sand mix.

The use of mechanical mixers is advisable when mixing self-levelling or filler mixes.

#### APPLICATION

**Priming / Sealing:** **Thortex Floor-Tech S.P. Primer** should be applied to the prepared surface by stiff brush, squeegee or roller to give a uniform even coating taking care to avoid excessive build up and ponding. On rough, pitted surfaces the product should be worked into the surface to ensure complete wetting of the substrate.

**Self-Levelling Screed:** The **Thortex Floor-Tech S.P. Primer** / **Thortex Floor-Tech R.S. Screed** mix should be poured onto the prepared surface and spread out using a saw toothed float.

**Filling:** The **Thortex Floor-Tech S.P. Primer** / **filler** should be mixed, poured on the area to be repaired and then finished with a float or trowel.

**Damp Proof Membrane:** Two coats of **Thortex Floor-Tech S.P. Primer** should be applied with the second coat completely blinded with kiln dried sand for specific details refer to **Thortex System TXF22-DPM**.

All equipment must be cleaned IMMEDIATELY after use with **Thortex Universal Cleaner**.

### Theoretical Coverage Rate

9.6 m<sup>2</sup>/kilo at 100 microns dft. (102 ft<sup>2</sup>/kilo at 4 mils dft).

When used as a self-levelling material the mix of 10 kgs **Thortex Floor-Tech SP Primer** with 25 kg **Thortex Floor-Tech RS** will cover 7 m<sup>2</sup> (75ft<sup>2</sup>) at 3 mm.

### Recommended Film Thickness

Wet 100 microns (4 mils)

Dry 100 microns (4 mils)

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

## PHYSICAL CONSTANTS

**Mixing Ratio** 2 parts base to 1 part activator by volume.

**Appearance**

Base	Clear Liquid
Activator	Clear Liquid

### Drying & Cure

#### Times at

<b>20°C/68°F</b>	Usable Life	30 Mins
	Touch Dry	2 Hours
	Hard Dry	16 Hours
	* Minimum Overcoating	2 Hours
	Maximum Overcoating	24 Hours
	Full Cure	7 Days

These times refer to **Thortex Floor-Tech S.P. Primer** only. When the product is blended for other uses times will be extended and will depend on the final quantities of the mix.

\* **Note:** When used as a primer / tack coat for **Thortex Floor-Tech R.S.** this is the maximum overcoating time.

**Volume Solids** 100%

**V.O.C.** Nil

FOR FURTHER INFORMATION PLEASE CONTACT

### Shelf Life

Use within 5 years of purchase. Store in original sealed containers at temperatures between 5°C (40°F) and 30°C (86°F)

### Food Contact

Meets U.S.D.A. requirements for incidental food contact.  
Meets FDA Requirements CFR 21.175.300 for food contact.

### Fire Performance

BS476 Part 7 Class 1 Surface Spread of Flame.  
BS476 Part 6 Class 0 in accordance with UK Building Regulations 1991. Approvals Document B2/3/4 Appendix A

## HEALTH AND SAFETY

As long as normal good practice is observed **Thortex Floor-Tech S.P. Primer** can be safely used.

Protective gloves should be worn.

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

## PACKAGING

Supplied in 2, 5 and 20 kg packs.

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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