



TECHNICAL DATA SHEET

FLOOR-TECH F.B. PRIMER

Single Component Solvent Based Polyurethane Primer

Thortex Floor-Tech F.B. Primer is a high performance, low viscosity primer designed for use as a multi-purpose floor sealing and priming system for porous asphalt and concrete floors prior to application of Thortex Flexible Flooring systems.

Thortex Floor-Tech F.B. Primer is based on a specially selected polyurethane resin combined with organic solvents to produce a primer/sealer with optimum level of penetration, adhesion and overcoatability.

Thortex Floor-Tech F.B. Primer is simple and easy to apply by brush or roller and is an ideal priming system for porous asphalt and uneven or worn floor areas prior to the application of Thortex Polyurethane Floor Finishes to provide long term protection to industrial floors and other surfaces operating in the most aggressive environments.

Thortex Floor-Tech F.B. Primer can also be used as a dust proofing system for concrete floors.

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. 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. 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 moisture content of less than 7%.

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

MIXING

Thortex Floor-Tech F.B. Primer is a single component material and should only require stirring prior to use to incorporate any slight separation.

Thortex Floor-Tech F.B. Primer does not require thinning when used as a primer. When used as a concrete dustproofing sealer, the first coat of **Thortex Floor-Tech F.B. Primer** should be thinned 25% with **Thortex Polyurethane Thinners**.

APPLICATION

Thortex Floor-Tech F.B. Primer should not be applied when the relative humidity exceeds 85% or when the surface to be coated is less than 3°C above the dew point.

Thortex Floor-Tech F.B. Primer should be applied to the prepared surface by brush 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.

NOTE: On very porous surfaces, a second coat of **Thortex Floor-Tech F.B. Primer** will be required. A second coat will also be needed when used as a dust proofing sealer.

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

Theoretical Coverage Rate

8.6 m²/litre at 75 microns dft (92.5 ft²/litre at 3 mils dft).

Recommended Film Thickness

Wet 115 microns (4½ mils)

Dry 75 microns (3 mils)

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

PHYSICAL CONSTANTS

Mixing Ratio Supplied ready for use.

Appearance Clear Amber Liquid

Drying & Cure Times at 20°C/68°F

Touch Dry	2 hrs
Min Overcoating	2 hrs - with solvent based products 4 hrs - with solvent free products
Max Overcoating	24 hrs- with solvent based products 16 hrs- with solvent free products

Volume Solids 65%

V.O.C. 324 gms/litre

Shelf Life Use within 2 years of purchase. Store in original sealed containers at temperatures between 5 °C (40°F) and 30°C (86°F).

HEALTH AND SAFETY

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

Good ventilation should be provided in confined areas.

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 5 and 25 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.



www.thortex.co.uk

Thortex Division of E. Wood Ltd.

Standard Way, Northallerton, N. Yorks. U.K. DL6 2XA

Tel: +44(0)1609 780170 Fax: +44(0)1609 780438 & 777905

E Mail: thortex@ewood.co.uk

Buy online: www.thortex.co.uk/shop

FOR FURTHER INFORMATION PLEASE CONTACT