



TECHNICAL DATA SHEET

FLOOR-TECH F.S.

Decorative Floor Finishing System

Thortex Floor-Tech F.S. is a multi-coat flaked system for use on most floor surfaces.

Thortex Floor-Tech F.S. is based on a liquid applied coloured base coat in to which flakes are scattered to give a pleasing multicoloured finish. The system is then sealed with a special water based colour stable clear finish.

The special resin matrix of **Thortex Floor-Tech F.S.** system provides an abrasion resistant durable floor protection system.

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

SURFACE PREPARATION

Thortex Floor-Tech F.S. systems will usually be applied in conjunction with **Thortex Floor-Tech W.B.X.** and surfaces should be prepared in accordance with the **Thortex Floor-Tech W.B.X.** tech sheets.

NOTE: When applying the **Thortex Floor-Tech F.S.** system onto a porous concrete surface, two coats **Thortex Floor-Tech WBX** should be applied.

Thortex Floor-Tech F.S. systems can also be applied in conjunction with **Thortex Floor-Tech F.B.** and **Thortex Floor-Tech P.S.L.** For detailed recommendations using these products consult the Thortex Technical Centre.

APPLYING THE SYSTEM

Application should not be carried out when air and surface temperatures are below 10°C nor when the relative humidity exceeds 75%.

Thortex Floor-Tech W.B.X. should not be over brushed.

Thortex Floor-Tech W.B.X. should be spread evenly over the surface to give a film thickness of nominally 150 microns (6 mil) wet. Periodic thickness checks should be made to ensure the correct uniform thickness is achieved.

Immediately after application of the **Thortex Floor-Tech W.B.X.** and within 10 minutes of application, **Thortex Floor-Tech F.S. Flakes** should be broadcast over the surface to completely obliterate the coated surface. This equates to a spreading rate of 500 gm per square metre.

When the system is dry, after a minimum of 3-4 hours depending on drying conditions, the surface should be swept with a stiff bristled brush to remove excess flakes and 'de-nib' the surface.

Surfaces should now be sealed with **Thortex Floor-Tech F.S. Seal**.

On smooth surfaces, two coats of **Thortex Floor-Tech F.S. Seal** are required to seal the surface and give a durable system.

Thortex Floor-Tech F.S. Seal should be applied at a rate of 5m²/litre for the first coat and 10m²/litre for subsequent coats.

On rough uneven surfaces, or surfaces subject to heavy abrasion, three coats of **Thortex Floor-Tech F.S. Seal** will be required.

All equipment must be cleaned IMMEDIATELY after use with clean water, stubborn deposits can be removed by **Thortex Universal Cleaner**.

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

PHYSICAL CONSTANTS

Refer to individual product tech sheets.

PHYSICAL PROPERTIES

Abrasion Resistance	70 mgm loss per 1000 cycles - 1 kg
ASTMD4060	load-CS17 wheel
Impact Resistance	3.8 joules (33.5 in lbs)
ASTMD2794	
Adhesion	35 kg/cm ² (500 psi) (on concrete)
ASTMD4541	
Scratch Resistance	No failure 2.5 kg (5.5 lbs) load
BS 3900 Part E2	
Scrub Resistance	1000 cycles
ASTMD2486	

HEALTH AND SAFETY

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

Protective gloves should be worn to prevent skin contact.

Fully detailed **Material Safety Data Sheets** are either included with the material or are available on request.

PACKAGING

Thortex Floor-Tech F.S. Flakes supplied in 5 and 10 kilo units.

FOR FURTHER INFORMATION PLEASE CONTACT

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