



Data Sheet and Application Guide

Product Description

Thortex Floor Tech SP Primer has been specifically developed as a low viscosity primer/sealer for concrete and cementitious surfaces prior to application of other Thortex 100% solids epoxy systems.

Product Features

- Combines good application characteristics with excellent corrosion protection and chemical resistance.
- Designed for application by brush or roller.
- Designed for use on concrete surfaces but can be used on other porous mineral substrates.

Surface Preparation

New concrete surfaces should be lightly abrasive blast cleaned, scarified or mechanically abraded to remove laitance 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. Surfaces should now be cleaned by abrasive blasting or scarifying. All dust and resulting debris should be removed by sweeping or vacuum cleaning. All surfaces should have a moisture content of less than 7% prior to coating application.

Product Mixing

The Base Component should be stirred, and while continuing stirring the contents of the Activator container should be added and mixed until completely homogenous. The use of a slow speed mechanical mixer is advisable to ensure complete mixing.

Application Procedures

The product should not be applied when the relative humidity exceeds 85% or when the surface to be coated is less than 3°C (5°F) above the dew point. Application is best carried out when surfaces are above 10°C (50°F).

The product is intended for application by brush or roller, and should be applied to give a uniform even thickness to completely seal the surface, avoiding ponding.

If a second coat is required for any reason, over-coating must be carried out within 24 hours of application of the preceding coat. If the over-coating time is extended thorough mechanical abrading or brush blasting of the first coat should be carried out once the coating is hard dry.

All equipment must be cleaned IMMEDIATELY after use with solvent-based cleaner.

Properties

| Property | Value |
|---|-------------------------------|
| Color | Clear |
| Ratio | 2:1 By volume |
| Drying & Cure times at 20°C (68°F) | |
| Useable Life | 30 mins |
| Touch Dry | 2 hours |
| Hard Dry | 16 hours |
| Minimum Overcoating* | 2 hours |
| Maximum Overcoating | 24 hours |
| Note: When used as a tack primer for Thortex Epoxy Screed this is the maximum overcoating time | |
| Full Cure | 7 days |
| Volume Solids | 100% |
| Specific Gravity (Average Mixed) | 1.1 |
| (Average Mixed) V.O.C. | 0 g/L |
| Film Thickness (Typical) | Wet/Dry 100 microns (40 mils) |
| Note: The actual thickness to be applied will depend on the porosity of the substrate, however the product must be applied to seal the surface and may be higher or lower than the quoted typical value. Detailed system recommendations are available on request. | |

Theoretical Coverage Rate

9.2 sqm/kg (99 sqft/kg)
@ 100 microns (40 mils) DFT

Packaging and Storage

Supplied separately in 2 kg and 5 kg units.

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

Handling and Safety Precautions

Read all Health Hazard, Precautionary and First Aid, Material Safety Data Sheet, and/or product label prior to handling or use.

Ordering Information/Customer Service

For ordering technical or product information, or a copy of the Material Safety Data Sheet, please contact us:

Phone: 610-831-0222

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