



TECHNICAL DATA SHEET

WALL-TECH A.G.

Two Component Water Based Polyurethane Coating

Thortex Wall-Tech A.G. is a high performance graffiti resistant coating system designed for application to masonry surfaces.

Thortex Wall-Tech A.G. is based on a complex blend of water-borne acrylic and urethane polymers which in combination produces a system that offers outstanding adhesion and graffiti resistance.

Thortex Wall-Tech A.G. is easy to use by brush or spray and with two coats offers effective protection to most masonry surfaces, and being fast drying the two coats can be applied in the same day.

Thortex Wall-Tech A.G. does not change the natural appearance of the surface and being microporous allows the masonry to breathe.

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 oil, grease and loose material.

MIXING

Thortex Wall-Tech A.G. is a two component material which must be mixed together prior to use.

First the Activator component must be diluted 1:1 by volume with clean water and thoroughly mixed.

The base component should be thoroughly stirred, and whilst continuing stirring the diluted activator component should be added, and mixing continued until a completely homogeneous product results.

The mixed **Thortex Wall-Tech A.G.** should be used within 8 hours of mixing at 20°C (68°F).

APPLICATION

Do not apply when the relative humidity exceeds 85% or when the surface to be coated is less than 3°C (36°F) above the dew point. The minimum temperature for application is 7°C (45°F).

Thortex Wall-Tech A.G. can be applied by brush or spray and should be liberally applied on to the surface at a nominal wet film thickness of 90 microns (3½ mils) per coat, with a minimum of two coats being required for most masonry surfaces.

All equipment must be cleaned IMMEDIATELY after use with clean water. Any stubborn deposits should be removed with **Thortex Universal Cleaner**.

Theoretical Coverage Rate

11.3 m² / litre at 15 microns dft (121 ft² / litre at 0.6 mil dft)

Recommended Film Thickness

Wet 90 microns (3 ½ mils)
Dry 15 microns (0.6 mil)

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

PHYSICAL CONSTANTS

Mixing Ratio 50 parts base to 1 part activator by volume.

Appearance Base Opaque Liquid
Activator Clear Viscous Liquid

Drying & Cure

times at 20°C (68°F)	Usable Life	8 hours
	Touch Dry	30 minutes
	Hard Dry	3-4 hours
	Minimum Overcoating	3-4 hours
	Maximum Overcoating	3 days
	Graffiti Resistance	24 hours
	Full Cure	7 days

Volume Solids	17%
V.O.C.	65 gms/litre
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 **Thortex Wall-Tech A.G.** can be safely used.

Adequate ventilation should be provided in confined areas.

Rubber gloves should be used.

Chemical goggles in case of splashing.

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

PACKAGING

Supplied in 5 litre 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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