

POLY-TECH B.P. PRIMER

Single Component Solvent Based Primer

Thortex Poly-Tech B.P. has been specifically developed as a high performance sealer for porous and bituminous surfaces prior to the application of **Thortex Poly-Tech** and **Thortex Therma-Tech R.G.**

Thortex Poly-Tech B.P. Primer is based on a complex blend of penetrative resins and solvents reinforced with a special blend of fillers to produce a primer with excellent adhesion and overcoating properties.

Thortex Poly-Tech B.P. Primer is simple and easy to use and is suitable for use on substrates such as concrete, asbestos, bitumen and felt.

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 all dust and loose material. Surfaces subjected to fungal growth should be first treated with fungicidal wash.

Blisters on asphalt roofs should be cut out and the void filled with polymer screeds.

Severe blisters on felt roofs should be cut open and bonded flat.

MIXING

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

APPLICATION

Thortex Poly-Tech B.P. Primer should be applied with a good quality brush or broom (not plastic) evenly over the surface avoiding excessive thickness or ponding. A guide to the practical coverage rates is given overleaf and should be used when estimating the quantity required.

Thortex Poly-Tech B.P. Primer should not be overcoated until the film is completely dry and free from solvent. The following table gives a guide to the minimum overcoating times for **Thortex Poly-Tech B.P. Primer** at different temperatures on a still day.

50°F - 16 hours

68°F - 4 hours

86°F - 1½ hours

Factors other than temperature can greatly alter these overcoating times. These factors are:

Wind Conditions - on a windy day, overcoating times will be much shorter than on a still day.

Absorbance of the Substrate - certain bituminous materials can retain solvent even though the surface of the primer may appear dry and if in doubt, the **Thortex Poly-Tech B.P. Primer** should be allowed extra time on such substrates to become completely dry.

Relative Humidity - the higher the humidity, the slower the drying and subsequent overcoating of the primer.

As a general guide, the **Thortex Poly-Tech B.P. Primer** should not be overcoated until it is sufficiently hard to permit light foot traffic.

In hot windy conditions or when coverage rates are not being achieved, **Thortex Universal Cleaner** can be added to improve coverage.

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

Practical Coverage Rate Guide (one coat/liter)

Smooth Asphalt of Felt	90 ft ²
Mineral Felt or Small Chippings	50 ft ²
De-Chipped Felt	40 ft ²
Concrete or Brick	50 ft ²
Asbestos Cement New	90 ft ²
Asbestos Cement Weathered	50 ft ²

Recommended Film Thickness

Wet - 5 mils
Dry - 1 mil

Detailed working Recommendations are available from the Technical Center on request.

PHYSICAL CONSTANTS

Mixing Ratio Supplied ready for use.

Appearance Blue Liquid

Drying & Cure times at

68°F	Touch Dry	2 hours
	Minimum Overcoating	4 hours
	Maximum Overcoating	Indefinite providing surfaces are clean

Volume Solids 20%

V.O.C. 795 gm / liter

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

FOR FURTHER INFORMATION PLEASE CONTACT

HEALTH AND SAFETY

TX56/0705

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

Thortex Poly-Tech B.P. is flammable and should be stored away from sources of ignition.

Rubber gloves should be worn.

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

PACKAGING

Supplied in 5 and 20 liter 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.



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