

PYRO-SEAL

Single Component Solvent Based Finish Coat

Thortex Pyro-Seal is a high performance solvent based coating specifically developed to provide a cosmetic and weather resistant finish for steelwork coated with **Thortex Pyro-Tech S.P.X.** or **Thortex Pyro-Tech S.P.X. 90**.

The **Thortex Pyro-Seal** formulation is based on a complex blend of polyurethane and alkyd resins in combination with colour stable pigments to provide a coating which offers limited weather resistance to steel work coated with **Thortex Pyro-Tech S.P.X.** or **Thortex Pyro-Tech S.P.X. 90**.

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

SURFACE PREPARATION

All surfaces should have first been coated with **Thortex Pyro-Tech S.P.X.** or **Thortex Pyro-Tech S.P.X. 90**, these surfaces should be clean, dry and free from contamination.

MIXING

Thortex Pyro-Seal is a single component material and should only require stirring prior to use to incorporate any slight separation.

APPLICATION

Do not apply when temperatures are below 7°C (45°F) or when the relative humidity exceeds 85% or the surface temperature is less than 3°C above the dew point.

Thortex Pyro-Seal is designed for application by brush, roller or spray.

Thortex Pyro-Seal should be applied to give a smooth uniform film to give a dry film thickness of 50 microns, with two coats being recommended as a finish over **Thortex Pyro-Tech S.P.X.** and **Thortex Pyro-Tech S.P.X. 90**.

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

Theoretical Coverage Rate

6.2 m² / litre at 50 microns dft (66 ft² / litre at 2 mils dft)

Recommended Film Thickness

Wet 160 microns (5 mils)
Dry 50 microns (2 mils)

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

PHYSICAL CONSTANTS

Mixing Ratio Supplied ready for use

Appearance Coloured thixotropic liquid

Drying & Cure times at

20°C (68°F)	Touch Dry	1 hour
	Hard Dry	16 hours
	Minimum Overcoating	4 hours

Volume Solids 31%

V.O.C. 560gm/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).

HEALTH AND SAFETY

As long as normal good practice is observed **Thortex Pyro-Seal** can be safely used.

Vapour masks should be worn for spray application.

The wearing of protective gloves and safety glasses are advisable during use.

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

PACKAGING

Supplied in 5 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.



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