

## SEAL-TECH A.W.

### Single Component Solvent Based Acrylic Coating

**Thortex Seal-Tech A.W.** is a high performance all weather coating designed for use for the emergency waterproofing of roof areas with the capability of providing extended waterproofing.

**Thortex Seal-Tech A.W.** has outstanding waterproofing and weather proofing properties for any roof surface including asphalt, bitumen, mineral felt, asbestos cement, concrete and metal surfaces in a single application.

The **Thortex Seal-Tech A.W.** formulation comprises polyacrylic and polyacrylate resins in combination with dewatering polymers and surface wetting agents.

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

#### SURFACE PREPARATION

Dirt build up, moss and loose material should be removed by scraping or brushing with a stiff bristled brush.

Any cracks and gaps should be raked out to remove dirt build up.

Large expanses of standing water should be removed by sweeping, small quantities of water may be allowed to remain without affecting the performance of the **Thortex Seal-Tech A.W.**

In cold conditions any ice present on the surface must be removed.

Any oil or grease contamination should be removed by wiping with **Thortex Universal Cleaner** or a detergent solution.

#### MIXING

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

#### APPLICATION

**Thortex Seal-Tech A.W.** should be applied directly to the substrate, no priming is normally required. Application can be carried out by brush or squeegee, best results are achieved when the product is "Stippled" into cracks and rough surfaces.

**Thortex Seal-Tech A.W.** can be applied in all weather conditions including falling rain, even in temperatures down to 0°C (32°F).

**Thortex Seal-Tech A.W.** must not be applied over ice.

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

#### Theoretical Coverage Rate

1.12 m<sup>2</sup>/kilo at 500 microns dft. (12 ft<sup>2</sup>/kilo at 20 mils dft).

#### Recommended Film Thickness

Wet 750 microns (30 mils)  
Dry 500 microns (20 mils)

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

**PHYSICAL CONSTANTS**

<b>Mixing Ratio</b>	Supplied ready for use.	
<b>Appearance</b>	Viscous Coloured Thixotropic Liquid	
<b>Drying &amp; Cure Times at 20°C</b>		
	Touch Dry	4-6 Hours
	Dry to Foot Traffic	24 Hours
	Minimum Overcoating	4-6 Hours
	Maximum Overcoating	Indefinite provided surface is clean
<b>Volume Solids</b>	65%	
<b>V.O.C.</b>	312 gm/litre	
<b>Shelf Life:</b>	Use within 2 years of purchase. Store in original sealed containers at temperatures between 5°C (40°F) and 30°C (86°F).	

**PHYSICAL PROPERTIES**

<b>Tensile Strength</b>	25 kg/cm <sup>2</sup> (350 psi)
ASTMD412	
<b>Tear Strength</b>	12 kg/cm (60 pli)
ASTMD624	
<b>Moisture Vapour Permability</b>	2.73 x 10 <sup>-5</sup> perm.cm
ASTME96	

**HEALTH AND SAFETY**

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

**Thortex Seal-Tech A.W.** is flammable and should be stored away from sources of ignition.

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

**PACKAGING**

Supplied in 1, 5 and 20 kg 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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FOR FURTHER INFORMATION PLEASE CONTACT