

UPS 774 AW

Single Component Solvent Based Acrylic Coating

UPS 774 AW is a high performance all weather coating designed for use for the emergency waterproofing of roof areas with the capability of providing extended waterproofing.

UPS 774 AW 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 **UPS 774 AW** 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 **UPS 774 AW**

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

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

MIXING

UPS 774 AW is a single component material and should only require stirring prior to use to incorporate any slight separation.

APPLICATION

UPS 774 AW 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.

UPS 774 AW can be applied in all weather conditions including falling rain, even in temperatures down to 0°C (32°F).

UPS 774 AW must not be applied over ice.

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

Theoretical Coverage Rate

1.12 m²/kilo at 500 microns dft. (12 ft²/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

Mixing Ratio	Supplied ready for use.	
Appearance	Viscous Coloured Thixotropic Liquid	
Drying & Cure Times at 20°C		
	Touch Dry	4-6 Hours
	Dry to Foot Traffic	24 Hours
	Minimum Overcoating	4-6 Hours
	Maximum Overcoating	Indefinite provided surface is clean
Volume Solids	65%	
V.O.C.	312 gm/litre	
Shelf Life:	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

Tensile Strength	25 kg/cm ² (350 psi)
ASTM D412	
Tear Strength	12 kg/cm (60 pli)
ASTM D624	
Moisture Vapour Permability	2.73 x 10 ⁻⁵ perm.cm
ASTME96	

HEALTH AND SAFETY

As long as normal good practice is observed **UPS 774 AW** can be safely used.

UPS 774 AW 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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