

TECHNICAL DATA SHEET

UPS 602 FP External Wall Coating

Single Component Water-Based Weatherproofing Coating

UPS 602 FP is a high performance flexible anti carbonation protection system for external walls.

The **UPS 602 FP** formulation contains a complex blend of acrylic resins and aliphatic hydrocarbon polymers reinforced with abrasion resistant pigments and fillers to produce a system which offers outstanding weatherproofing properties with optimum levels of UV resistance, flexibility, adhesion and durability for exterior masonry surfaces including concrete, plaster, brick and asbestos cement.

UPS 602 FP is microporous allowing the substrate to breathe, but has excellent resistance to carbon dioxide permeation and reduced the likelihood of carbonation. The system also provides excellent long term resistance to dirt pick up.

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 other contamination. Any areas of moss or lichen growth should be cleaned then treated with **UPS Fungicidal Wash**.

Any surfaces contaminated with dirt, oil or grease should be detergent pressure washed allowed to dry. Surfaces should then be swept free of all dust and loose materials.

MIXING

UPS 602 FP is supplied ready for use and requires no mixing, however stirring the product to incorporate any slight separation is advised before use.

APPLICATION

UPS 602 FP should not be applied below 5°, when rain is falling, or rainfall is imminent, or when humidity exceeds 90%. In winter months due consideration must be given to the early onset of condensation formation in early afternoon and application must be discontinued well before this time.

Wall surfaces do not normally require priming, however on certain very porous surfaces the application of a 'sealer coat' of **UPS 602 FP** thinned 10-15% to ensure a uniform finish is achieved.

Brush and Roller Applications: **UPS 602 FP** should be applied using good quality brushes and medium pile rollers, to give an even coating. On rough surfaces, the **UPS 602 FP** should be worked into the surface to ensure complete coverage.

Spray Application: **UPS 602 FP** can be applied by airless spray with a spray pressure of 2500psi. the spray top should be 19 – 21 thou orifice. No thinning of the products is required for spray application

UPS 602 FP should be applied to achieve a total dry film thickness of 100 microns, this will require two coats by brush or one coat by spray.

All equipment must be cleaned with water IMMEDIATELY after use, stubborn deposits can be removed using **UPS Universal Cleaner**.

PHYSICAL PROPERTIES**Theoretical Coverage Rate**3m² / litre at 200 microns dft**Recommended Dry Film Thickness**

200 – 250 microns

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

PHYSICAL CONSTANTS

Mixing Ratio Supplied ready for use.

Appearance Viscous Coloured Liquid.

Drying & Cure Times at 20°C

Touch Dry	30 minutes
Minimum Overcoating	2 hours
Maximum Overcoating	Indefinite
	Providing surfaces Are clean

Volume Solids 60%

V.O.C. Nil

Shelf Life

Use within 5 years of date of purchase.
Store in original sealed containers at temperatures between 5°C (40°F) and 30°C (86°F).

Direct Pull Adhesion

ASTM D4541

28kg/cm² (400psi) – concrete failure**Water Vapour Permeability**

ASTM E96 – 95

1.035 x 10⁻⁴ perm.cm**Tensile Strength**

ASTM D412

56kg/cm² (800psi)**Elongation**

ASTM D412

100%

Tear Strength

ASTM D624

12.34 kg/cm² (69 pli) unreinforced**Water Vapour Transmission**

ASTM E96-95

5.73gm/hour/m²**HEALTH AND SAFETY**

As long as normal good practice is observed **UPS 602 FP** can be safely used.

Good ventilation should be provided in confined areas.

The use of protective gloves is advisable during use.

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

PACKAGING

Supplied in 20 litre units

COLOURS

White and Light Grey

The information provided in this Product Data Sheet is intended as a general Guide only and should not be used for specific 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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