

WATERBLAZER PU+

An Elastomeric, Water & Weatherproof aliphatic Polyurethane Coating



Product Description

WATERBLAZER PU+ is a single component, water based, UV stable, high solids, elasto-meric aliphatic Polyurethane based Weatherproofing & waterproofing coating. It is a proven solution for applications for use in roof, basement, Podium area's etc and is known for its toughness, strong bonding, abrasion & scratch resistance, wear resistance, water and salt-water resistance, mild acids & alkali solution resistance etc.

WATERBLAZER PU+ cures to a permanently flexible seamless membrane that has good adhesion to a wide range of substrates. Unlike more traditional bitumen-based products.

Application Areas

- For water/damp proofing basements, kitchens, bathrooms, balconies and decks, shower recesses,
- Ideal for waterproofing of concrete roofs including walkways and planter boxes.
- For repair and restoration of leaking roofs as well as a damp proof membrane in sandwich panel construction.
- Suitable for use on many porous substrates including Gyprock, fibre cement, con-crete, render brickwork, render and plasterboard.

Benefits:

- **Single component - ready to use.**
- **Forms a tough but flexible membrane film which eliminates the need for a reinforcing layer.**
- **Environment friendly - no harmful vapours.**
- **Excellent crack-bridging properties**
UV stable, non yellowing, can be used externally
- **Foot Trafficable**

TYPICAL PROPERTIES

Typical Properties (Technical Characteristics):

Appearance	Paste
Colour	White
Cure Time at 25°	4-6 hours, Full cure after 5-7 days
Colour	White
Specific Gravity/Density	1.27 + 0.05 kg/litre (ASTM – 412)
Elongation Break	> 500% (ASTM – D 1475-03)
Crack Bridging	>3 mm
Tensile Strength N / mm ²	3.10 (ASTM – D 412-98a)
Recoating	3-5 hours at 20°C
Coverage	1. sq. meter per 1.3 kg for 1mm thickness
Dry Film Thickness	1000 µm achieved in 2-coats

Direction for use:

Surface Preparation: Surface should be sound, clean and free of dust, oil, grease and curing compound. Loosely adhered particles such as rust scale, cement smears should be thoroughly cleaned with a wire brush or another such implement.

Mixing/ Primer Coat: All surfaces to be primed with the same product diluted with 50% water whilst metal surfaces need to be primed with a suitable water-based primer. The primer can be applied with a brush, roller or squeegee depending on the size of the area required to be primed. Allow 30–45 minutes at a temperature of 20 °C for the primer to dry before commencing to water-proof with WATERBLAZER PU+.



Application process:

Mix the content of pack in its original container by stirring with the help of a wooden stick to a uniform, homogenous free flowing paste consistency. Apply the first coat of WATERBLAZER PU+ by brush or roller generally. Allow the coating to dry for at least 3 hours or being touch dry depending on weather conditions before applying second coat. Minimum two coats are recommended. If required, additional coat may be applied. Allow the coating to dry / cure on its own. External curing is not required.

Cleaning

Tools and equipment to be cleaned with water immediately after the use.

Coverage:

Approx. 1.3 kg/m² @ 1 mm thick in two coats, depending upon site conditions.

Precautions

Do not apply if the temperature is in excess of 45°C or less than 5°C.

Do not use where negative hydrostatic pressure is evident

Packaging

20, 50 Litres.

Storage & shelf life

Shelf life is 12 months in unopened container. Store away from sunlight and preferably below 30°C. Storage should be frost protected.

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