



# Aquaproof 115

UV Stable, Trafficable Polyurethane Membrane Coating System

## Features

- ▶ UV Stable
- ▶ Trafficable
- ▶ 2-Coat System
- ▶ Elastomeric
- ▶ Superior Adhesion
- ▶ Podiums
- ▶ Balconies
- ▶ Roof Tops
- ▶ Plant Room Floors
- ▶ Easy to Apply

[www.pasco.net.au](http://www.pasco.net.au)

### Product Description

**Aquaproof 115UV** is a complete, moisture curing elastomeric polyurethane membrane system. Once cured it forms a tough, highly flexible rubber membrane, exhibiting tenacious adhesion to a variety of substrates. Aquaproof 115UV is a high strength, puncture resistant, monolithic, seamless waterproof membrane with the added advantage of being trafficable and U.V stable.

### Features & Benefits

- U.V Stable
- Self Levelling
- Trafficable
- Easy to apply
- 450% Elongation
- Chemical resistant\*
- Seamless
- Crack bridging
- Fast curing
- Superior adhesion

### Uses

- Roof tops
- Podiums
- Balconies
- Walkways
- Plant Rooms

### Substrate Preparation

- All surfaces must be clean, dry, sound and free from dust, oil, rust, plaster dust, cement droppings, protrusions, old sealant or any other contamination. Surfaces must be free from release and curing agents, please contact Pasco for further information.
- Metal surfaces shall be clean and free of any rust, dirt and grease. Rusted surfaces must be wire brushed or sandblasted and treated with an appropriate rust converter. Metal surfaces must be wiped clean with Pasco Xylol prior to application of primer.

### Priming

- Using Aquaprime PU Primer or Aquaprime WBE prime entire substrate at required coverage rates and allow to dry.
- Install a minimum 12x12mm fillet/cove using PascoFlex PU25 polyurethane sealant to all internal/external corners. Seal all lap joints, floor penetrations, floor wastes, countersunk screws, etc.

### Application

- **Aquaproof 115UV** should be mixed to ensure no settlement is in the bottom of the pail. Mix for approx 3-5 minutes using a low speed drill.
- Using a brush apply a detail coat (approx 200mm) of **Aquaproof 115UV** to all lap joints, internal corners, hobs, floor wastes, floor penetrations.
- Using a brush, roller or a notched squeegee, apply one coat of **Aquaproof 115UV** over the entire area at the required coverage rates.
- Allow **Aquaproof 115UV** a minimum of 24 hours curing, prior to applying a second coat of Aquaproof 115UV.
- If **Aquaproof 115UV** is not top coated within 4 days, the surface must be solvent wiped with Xylol.



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- If a non slip surface is required a light broadcast of sand (16/30 grade) is required in the first coat prior to curing.

## Curing

Do not apply when rain exposure is likely within 24 hours of application. Full cure is achieved after 3 days at 25°C and 50% RH. Curing time is dependent on temperature and humidity.

## Coverage

- Apply Aquaprime PU Primer at approx. 7 - 9m<sup>2</sup> per litre.
- Apply Aquaproof 115UV at 0.8kg per m<sup>2</sup> per coat Dry film thickness of 1mm.

## Precautions

- Do not apply below 5°C
- Not to be used for waterproofing of chlorinated swimming pools.
- Not to be applied on damp substrates
- Not to be applied on unsound substrates.

## Health and Safety

Keep out of reach of children. Wear suitable protective clothing, gloves and eye/face protection. Uncured sealant may cause skin, eye and respiratory system irritation. Use only in well ventilated areas.

In case of contact with eyes, rinse immediately with plenty of water and contact a Doctor or Poisons Information Centre (**Ph 13 11 26**). In case of skin contact, wash affected area with hand cleaner followed by soap and water.

Material Safety Data Sheets must be read and understood prior to using **Aquaproof 115 UV**.

## Packaging

- Aquaprime PU Primer is available in 5lt & 20lt drums.
- Aquaprime WBE is available in 8lt & 20lt kits.
- **Aquaproof 115UV** is available in 25kg pails.

## Colour

**Aquaproof 115UV** is available in grey.

## Shelf Life

12 months minimum, when stored in cool, dry, original containers in conditions below 25°C.

## Typical Physical Properties

Physical Property	Test Method	Results
Viscosity (Brookfield)	ASTM D2196-86 @ 25°C	3000 - 6000
Specific Weight	ASTM D1475 DIN53217 @ 20°C	1.3 - 1.4
Flash Point	ASTM D93 Closed Cup	>42°C
Tack Free Time 25°C		4 hrs
Recoat Time		6 - 24 hrs
Tensile Strength @ break 23°C	ASTM D412 DIN 52455	55 kg/cm <sup>3</sup>
Service Temperature		-40 to 80°C
Max temp. short time shock		200°C
Thermal Resistance (100 days @ 80°C)	EOTA TR011	Passed
Hardness (Shore A)	ASTM D2240 DIN 53505	75
Elongation @ 23°C	ASTM D412 DIN 52455	>450%
Water Vapour Transmission	ASTM E96	0.9 g/m <sup>2</sup> .hr
Adhesion to concrete	ASTM D4541	>20 kg/cm <sup>2</sup>
Hydrolysis (8% KOH, 14 days @ RT)	ASTM G53	Passed 2000 hrs

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