



Aquaproof 201PU Plus

UV Stable, Low VOC Membrane Coating System

Features

- ▶ UV Stable
- ▶ Trafficable
- ▶ 2-Coat System
- ▶ Elastomeric
- ▶ Superior Adhesion
- ▶ Solvent Free
- ▶ Easy to Apply
- ▶ Low VOC

Product Description

Aquaproof 201PU Plus is based on hybrid acrylic water based polyurethane technology, forming a unique one component solvent free membrane that can be offered as an AS4858 compliant wet area waterproofing membrane and as an exposed weatherproof membrane for external applications. As a solvent and isocyanate free product, when used in wet area applications it will provide a compatible surface for finished surfaces such as tiles, screeds, concrete beds etc. Also compatible with acrylic paints, acrylic textured coatings etc.

Based on unique hybrid technology, **Aquaproof 201PU Plus** provides a user friendly one component membrane that achieves superb film build, with high elastomeric properties. **Aquaproof 201PU Plus** offers excellent adhesion properties over building substrates including concrete, masonry, renders, cement sheeting, wet area sheet surfaces and plaster board surfaces.

Possesses excellent flexibility and elastic recovery, good drying properties and low water absorption properties.

Features & Benefits

- UV Stable
- Self Levelling
- Trafficable
- Easy to apply
- Flexible 380% Elongation
- Chemical resistant*
- Seamless
- Low VOC
- Fast curing
- Solvent Free

Uses

- Roof tops (light foot traffic)
- Podiums
- Balconies
- Parapets
- Box Gutters

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.
- Sheet flooring must be installed to manufacturers specifications prior to membrane installation.



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Priming

- Using **Aquaprime SB 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 201PU Plus** should be mixed to ensure no settlement is in the bottom of the pail.
- As a wet area membrane **Aquaproof 201PU Plus** requires a suitable bond breaker at all substrate junctions. **Pasco Aquaband Bondbreaker Tape** is recommended to be used or equivalent bond breaking methods compliant with local waterproofing standards and building recommendations.
- Using a brush apply a detail coat (approx 200mm) of **Aquaproof 201PU Plus** to all lap joints, internal corners, hobs, floor wastes, floor penetrations.
- Using a brush or roller, apply one coat of **Aquaproof 201PU Plus** over the entire area at the required coverage rates.
- Allow **Aquaproof 201PU Plus** a minimum of 4 hours curing, prior to applying a second coat of **Aquaproof 201PU Plus**.

Curing

When used as an external exposed membrane, must be applied when rain is not imminent. Ponding water is to be avoided for a minimum 72 hours once the membrane is applied externally in normal ambient conditions.

- Recoat: 2-4 hours.
- Dry film: 4-6 hours.
- Tiling/toppings: 48 hours.

Based on normal ambient conditions of 23°C.

Coverage

- Apply **Aquaprime SB Primer** at approx. 7 - 9m² per litre.
- Apply **Aquaproof 201PU Plus** a minimum of 2 coats is recommended to be applied.
- For optimum performance a total minimum coverage of 1.5 litres/m² is recommended.
- On exposed vertical surfaces, optimum results achieved at a coverage 1 litre/m².

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 201PU Plus**.



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Packaging

- **Aquaproof 201PU Plus** is available in 15lt pails.
- **Aquaprime SB** is available in 4lt & 20lt drums.
- **Aquaprime WBE** is available in 8lt & 20lt kits.

Colour

Pasco Aquaproof 201PU Plus is available in Grey.

Shelf Life

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

*Please contact Pasco for further information.

General Technical Data

Wet Form	
Specific gravity of mixed product	1.2kg/litre
Solids Content	> 70%
VOC	< 84ppm
Appearance	High Viscous; Grey Paste
Cured Membrane	
Elongation	380%
Tensile Strength	> 1.15MPa
Adhesion to concrete (primed)	> 1.22MPa
Water vapour transmission	0.94g/24h/m ²
Shore A hardness	60

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