



Aquaproof 201FR

One Part, Pre Mixed Fibre Reinforced Acrylic

Features

- ▶ Fibre Reinforced
- ▶ One Part
- ▶ 460% Elongation
- ▶ Fast Curing
- ▶ Easy to Apply
- ▶ Superior Adhesion Compliant
- ▶ AS4858
- ▶ AS4654.1
- ▶ Low VOC
- ▶ Water Based
- ▶ Class 3
- ▶ > 65% Solids

www.pasco.net.au

Product Description

Aquaproof 201FR is a one part premixed high build liquid applied waterproofing membrane that contains microfibres, giving it high strength and eliminating the need for a separate reinforcing fabric. Once fully cured **Aquaproof 201FR** provides a flexible and seamless waterproof membrane, specifically designed for use under tiles or screed.

Features & Benefits

- Fibre reinforced
- One part
- Water based
- Low VOC
- Easy to apply
- Flexible 460% Elongation
- Complies to AS4858
- Complies to AS4654.1
- Low Odour
- Fast curing
- Superior adhesion

Uses

- Under tiles in bathrooms
- Shower recesses
- Balconies
- Laundries

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 Xylene** prior to application of primer.
- Sheet flooring must be installed to manufacturers specifications prior to membrane installation.
- Ensure substrate has adequate falls i.e 1:80 for wet areas and 1:100 for balconies and deck.

Priming

- Prime all internal surfaces using **Aquaprime WB** and allow to dry. For external applications prime area to be waterproofed with either **Aquaprime WB**, **Aquaprime SB** or if the surface is slightly damp use **Aquaprime WBE**.
- All non-porous surfaces such as PVC angles, pipes, metal flashings, Scyon/Secura™ etc. must be primed with **Aquaprime NP**.
- All PVC and metal surfaces are to be primed with an etching primer.



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Application

- Cracks greater than 2mm are to be routed out and filled with **PascoFlex PU25** or **Pasco Hypersil GP**.
- Movement joints are to be filled with **PascoFlex PU25** or **Pasco Hypersil GP** with a 50mm bond breaker tape over the joint.*
- Seal perimeter of taps and shower head with **PascoFlex PU25** or **Pasco Hypersil GP**.*
- Apply a 12mm bead of **PascoFlex PU25** or **Pasco Hypersil GP** to all internal horizontal and vertical corners, tool to a smooth concave shape and allow to cure.**
- As a wet area membrane, **Aquaproof 201FR** requires a suitable bond breaker at all substrate junctions. **Aquaband Bondbreaker Tape** is recommended to be used or equivalent bond breaking methods compliant with local waterproofing standards and building recommendations.
- Apply the first coat of **Aquaproof 201FR** to the entire area that needs to be waterproofed, using a roller or brush and allow to dry.
- Apply the second coat of **Aquaproof 201FR** to the same area at a 90° angle to the first coat ensuring no pinholes or bubbles. Recoat if necessary and allow to cure.
- If **Aquaproof 201FR** becomes dirty or damaged between coats wash thoroughly with water and recoat.

*Allow sealant to cure prior to membrane application.

Although **Aquaproof 201FR does not require reinforcement, all internal corners may be reinforced to assist in controlling the wet film thickness. It is recommended that any change in floor substrates i.e. hobless showers, box gutters, metal flashing to be reinforced.

Curing

- Touch dry: 2-4 hrs
- Recoat time: 4-6 hrs
- Full cure is achieved after 24-48 hours. Curing time is dependent on temperature.

*Based on normal ambient conditions of 23°C and 50% RH.

Coverage

- Apply **Aquaproof 201FR (2 coats minimum)**
 - Floor: 0.75L per m² per coat. DFT 1mm
 - Wall: 0.46L per m² per coat. DFT 0.6mm
- Apply **Aquaprime WB Primer** at approximately 7-9m² per litre.
- Apply **Aquaprime SB Primer** at approximately 7-9m² per litre.
- Apply **Aquaprime WBE Primer** at approximately 7-9m² per litre.
- Apply **Aquaprime NP Primer** at approximately 10-12m² per litre.

Flood Testing

Flood testing is recommended prior to tiling to ensure that membrane application has been completed correctly. After 7 day full cure of **Aquaproof 201FR**, block all outlets, water shall cover a depth of 25mm for approximately 24 hours.

Precautions

- Do not apply below 9°C.
- Not to be used for waterproofing of chlorinated swimming pools.
- Not to be applied on damp substrates.
- Do not apply when rain exposure is likely within 24 hours of application.
- 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.

Safety Data Sheets must be read and understood prior to using **Aquaproof 201FR**.



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Packaging

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

Colour

Pasco Aquaproof 201FR is available in Dark Grey & Light Blue.

Shelf Life

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

Technical Information

Viscosity	Paste
Solids Content (By Volume)	> 65%
VOC	< 85 ppm
Touch Dry @ 23°C and 50% RH	2 - 4 Hrs
Recoat Time @ 23°C and 50% RH	4 - 6 Hrs
Wet Film per coat	0.8mm
Dry Film (2 coat)	Floor 1mm, Wall 0.6mm
Floor Coverage	Min 2 coats, each coat @ 0.75 litre/m ²
Wall Coverage	Min 2 coats, each coat @ 0.46 litre/m ²
Elongation @ 25°C	> 460%
Shore A Hardness	68
Water Vapour Transmission	0.5g/24h/m ²
Tensile Strength	> 1.1 MPa
Adhesion to Concrete	> 1MPa

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