



# Aquaproof 4M

4mm Mineral Slate Finish, APP Torch Applied Membrane

## Features

- ▶ Thickness 4mm
- ▶ Mineral Slate Finish
- ▶ APP Bituminous Membrane
- ▶ Extremely Flexible
- ▶ Excellent Adhesion
- ▶ Watertight
- ▶ Tear Resistant
- ▶ Non-Toxic
- ▶ Balconies
- ▶ Below Ground
- ▶ Podiums

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

### Product Description

**Aquaproof 4M** is a high quality, slate mineral finished torch applied bituminous sheet waterproofing membrane with a non-woven spunbound polyester carrier. This combination gives **Aquaproof 4M** excellent tensile strength and tear resistance, suitable for a variety of waterproofing applications.

### Features & Benefits

- Excellent UV Resistance
- High tensile Strength
- Excellent adhesion
- Suitable for low temperature
- Excellent elongation
- Watertight
- Tear resistant
- Uniform thickness

### Uses

- Roof-tops
- Podiums
- Terraces
- Balconies

## APPLICATION INSTRUCTIONS

### Substrate preparation

- All surfaces must be structurally sound and free of dirt, dust, grease, paint, oil, form release, curing agents and other contaminants.
- All protrusions are to be removed and all voids, cracks, joints etc. filled prior to membrane application.
- Ensure substrate has adequate falls i.e. 1:100 for balconies podiums.

### Application

- Installation shall be in accordance with the manufacturers recommendations.
- Prime all surfaces using Aquaprime WB Bitumen. Primer and allow to dry. Coverage depends on substrate porosity.
- Install a 50 x 50mm sand/cement coving to all internal horizontal corners.
- **First Layer Aquaproof 3** is fully bonded to the substrate with 100mm side laps and 150mm end laps. All laps are to be sealed using a gas torch.
- **Second Layer Aquaproof 4M** is fully bonded to **Aquaproof 3** with 75mm side laps and 100mm end laps. All laps are to be sealed using a gas torch.
- Please contact Pasco to discuss individual specifications for your project/application as **Aquaproof 4M** can be used in various applications.

### Precautions

- Ensure sheet flooring is appropriately fixed as per manufacturers' instructions.

### Coverage

- 10m<sup>2</sup> not including side and end laps.



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## Clean Up

Cured material may be removed by mechanical means and the use of **Pasco Xylene**.

## Packaging

Roll size: 1m x 10m.

## Storage

**Aquaproof 4M** should be stored in an upright position.

## 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 4M**.

## Typical Physical Properties

| Physical Property          | Test Method   | Value                 |
|----------------------------|---------------|-----------------------|
| Roll length                | TS EN 1849-2  | 10m                   |
| Roll width                 | TS EN 1849-2  | 1m                    |
| Membrane thickness         | TS EN 1849-2  | 4mm                   |
| Reinforcement type         | -             | Non-Woven Polyester   |
| Reinforcement weight       |               | 180 Gr/m <sup>2</sup> |
| Softening point            | ASTM D36      | >150°C                |
| Penetration at 25°C        | ASTM D5       | 20-30dmm              |
| Flow resistance            | TS EN 1110    | 120°C                 |
| <b>Tensile strength</b>    |               |                       |
| • Longitudinal             | EN 12311-1    | 850 N/5cm             |
| • Transversal              |               | 600 N/5cm             |
| <b>Membrane elongation</b> |               |                       |
| • Longitudinal             | EN 12311-1    | 40%                   |
| • Transversal              |               | 45%                   |
| <b>Tear strength</b>       |               |                       |
| • Longitudinal             | EN 12310-1    | 180 N                 |
| • Transversal              |               | 120 N                 |
| <b>Puncture resistance</b> |               |                       |
| • Static                   | EN 12730:2001 | L <sub>4</sub>        |
| • Dynamic                  |               | I <sub>4</sub>        |

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