

PRODUCT TECHNICAL STATEMENT

Product range: Aqua Flash – Full Adhesive Lead Alternative

Issued by: Aquarius Rubber (Aust) Pty Ltd T/as Aquarius Distribution

Reference: AQUAFLASH-01

Version: 1

Date of issue: 23/01/2025

1. Product Description

1.1 Aqua Flash Black

Size width: 280mm, 370mm and 560mm

Size length: 5m

Size thickness: 2mm

Weight (280mm x 5m): 4.60kg

Weight (370mm x 5m): 6.05kg

Weight (560mm x 5m): 9.70kg

Material: EPDM with reinforced aluminium mesh and full adhesive butyl
Colour: Black

1.2 Aqua Flash Grey

Size width: 280mm, 370mm and 560mm

Size length: 5m

Size thickness: 2mm

Weight (280mm x 5m): 4.60kg

Weight (370mm x 5m): 6.05kg

Weight (560mm x 5m): 9.70kg

Material: EPDM with reinforced aluminium mesh and full adhesive butyl
Colour: Grey

1.3 Aqua Flash Red

Size width: 280mm, 370mm and 560mm

Size length: 5m

Size thickness: 2mm

Weight (280mm x 5m): 4.60kg

Weight (370mm x 5m): 6.05kg

Weight (560mm x 5m): 9.70kg

Material: EPDM with reinforced aluminium mesh and full adhesive butyl
Colour: Red

2. Application

WINDOW CASINGS

Aqua Flash can be used as a water barrier under window casings.

CHIMNEY

Aqua Flash can be used at the intersection between chimney bases and roof tiles.

RIDGES

Aqua Flash can be used as a water barrier on the ridge of a (tiled) roof.

DORMER

Aqua Flash can be applied to the base of dormers and skylights as a waterproofing layer at the joint between dormer side walls and tiled roofs.

3. Compliance

SUMMARY OF TESTS PERFORMED:

	Results
The flashing sample material has been assessed to the following Clauses of AS/NZS 2904:1995 Damp Proof Courses and Flashings	
Clause 6.2: Impermeability to water AS/NZS 4347: Method 1: Determination of water permeability	Complied
Clause 6.5: Pliability AS/NZS 4347: Method 3: Determination of pliability of bitumen coating on metal centres	Complied
Clause 6.6: Compressive Modulus and Compressive Strength AS/NZS 4347: Method 5: Determination of compression properties Compressive elastic modulus: Compression set:	E = 1.89MPa C = 26.02%
Clause 6.7: Impact Resistance AS/NZS 4347: Method 6: Determining impact resistance (falling dart test)	Complied
Clause 7.2.2 Thickness AS/NZS 4347: Method 9: Determination thickness	1.94mm

4. Limitations of use

- Temperatures are not to exceed the working temperature range -40°C to 100°C (-40°F to 212°F)
- Not to be stretched more than 50% (along the length).
- Not to be stretched more than 15% (along the width).
- BAL19: Suitable for tiled roofs only on roof pitch angle of more than 18°.

5. Condition of use

- The installation must be in accordance with NCC 2019 Building Code of Australia Volume 2, Clause 3.5.2.3

6. Installation instruction

1. Ensure the roof is clean and free of dust, oils, grease, wax, and detergents before installing Aqua Flash.

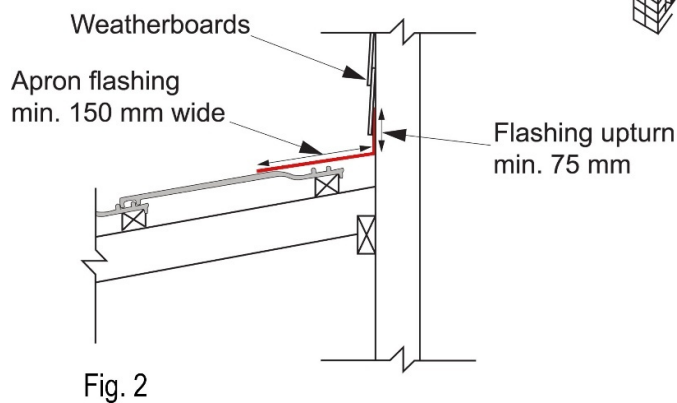
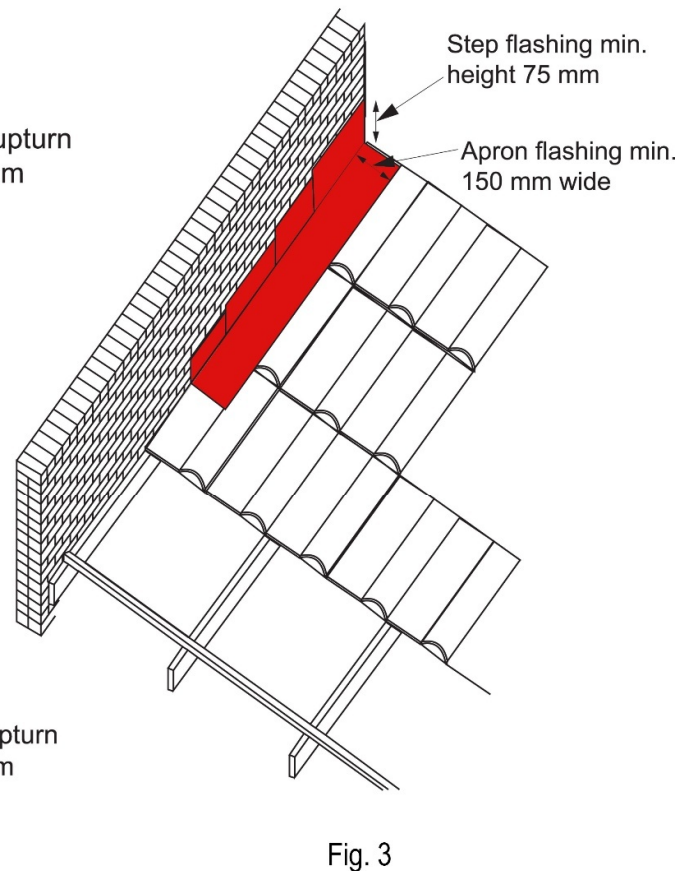
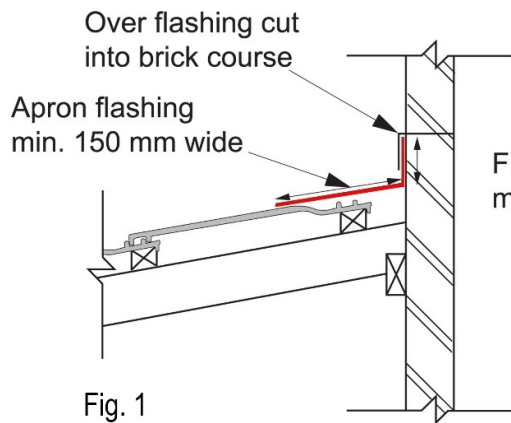
2. Cut Aqua Flash to length with roofing snips or a trade knife.
3. Remove the backing paper and adhere Aqua Flash to the wall.
4. Position correctly, then remove remaining backing paper and form Aqua Flash to roof profile using hands.
5. Overlaps must be 50mm in length and formed to eliminate gaps between flashing and wall/tile.
6. Aqua Flash is malleable and stretchable for easy corner folding.
7. Use Aluminium over flashing strip on vertical surfaces with exposed brick. (Refer to Fig. 1)

6.1 BAL 19 Installation Requirements

- To meet the requirement of AS1530.8.1, Aqua Flash must be installed where the entire roof system meets the requirements of a BAL 19 installation. Aqua Flash must be installed flush to the roof system and cavities/voids are not to be left between the Aqua Flash and the roof components (tile, slate, steel, brick, etc.)

6.2 Installation Requirements

- Ensure the roof surface is cleaned and dried before installation.
- Apply sufficient pressure with hands during installation. Ensure there is sufficient adhesion to the roof surface.
- Clean mortar and paint from surface immediately.
- Refer to installation requirements in the images below (Refer to Fig.1, Fig.2 & Fig 3).
- If installed as step flashing, the flashing should be over flashed (Refer to Fig.3).
- The installation must be in accordance with NCC 2019 Building Code of Australia Volume 2, Clause 3.5.2.3



7. Maintenance instructions

Visual inspection:

- Check to see if flashing is still adhered to wall/tile

8. Support

Aquarius Rubber

Ph: 03 9763 0044

Email: sales@aquariusdist.com.au

Website: www.aquariusdist.com.au