**Technical Solution Sheet 0.03**

0: Roof Plumbing

## Flashing Roofs to Walls

**AIM**
The aim of this technical solution is to advise roofing practitioners of approved methods and options to install and affix wall flashings including pressure flashings where appropriate (see Figures 1, 2 and 3).

**PLUMBING REGULATIONS 2008**
The *Plumbing Regulations 2008* specifies that roofing (stormwater) work must comply with *SA HB39 Installation code for metal roofing and wall cladding*. The code contains a section on “Roof flashings and cappings”.

### FIGURE 1 – TRADITIONAL RAKED JOINT AND STEP METHOD

Overlap 50mm min.

Brick mortar

Sealing medium

Apron flashing

Over flashing

Anti capillary break

### FIGURE 2 – SLOPPING WALL CUT METHOD

Sloped wall flashing. Incorporate a 10mm weathering fold fixed into a 15mm deep saw cut.

Anti-capillary break

Fasten at 500mm centres

Sealing medium

Apron flashing

Over flashing

50mm min

100mm min upstand
FIGURE 3 – PRESSURE FLASHING

NOTES ON PRESSURE FLASHINGS
Pressure flashings will only be permissible against a flush surface e.g. smooth finished concrete or smooth finished brickwork with flush pointed mortar courses, provided that the following conditions apply:

- The sealant is applied in a sandwiched seal of approximately 20mm in width
- The fixing of the flashing will ensure that a durable seal is maintained
- The seal is protected from any excessive movement due to expansion or contraction
- The fixing intervals have no more than 100mm spacing
- The fixing devices are compatible with the flashing material and comply with the installation requirements of SA HB39.

GENERAL NOTE ON FIXING TO BRICK OR CONCRETE WALLS
Where flashings are large, they are particularly susceptible to movement due to wind pressures, and expansion and contraction. Large flashings should be avoided, however where necessary, should be fixed to brick or concrete walls using compatible expanding metal masonry anchors neatly encapsulated in neutral.