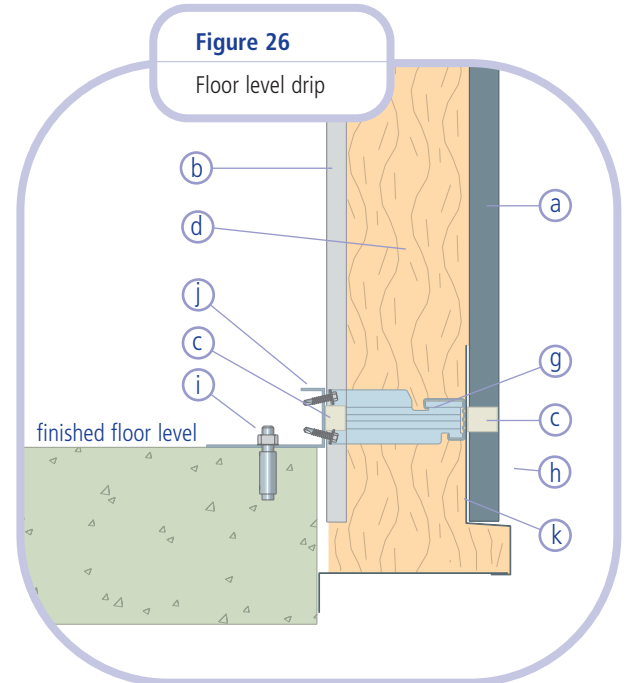


**Figure 25**

End lap fixing

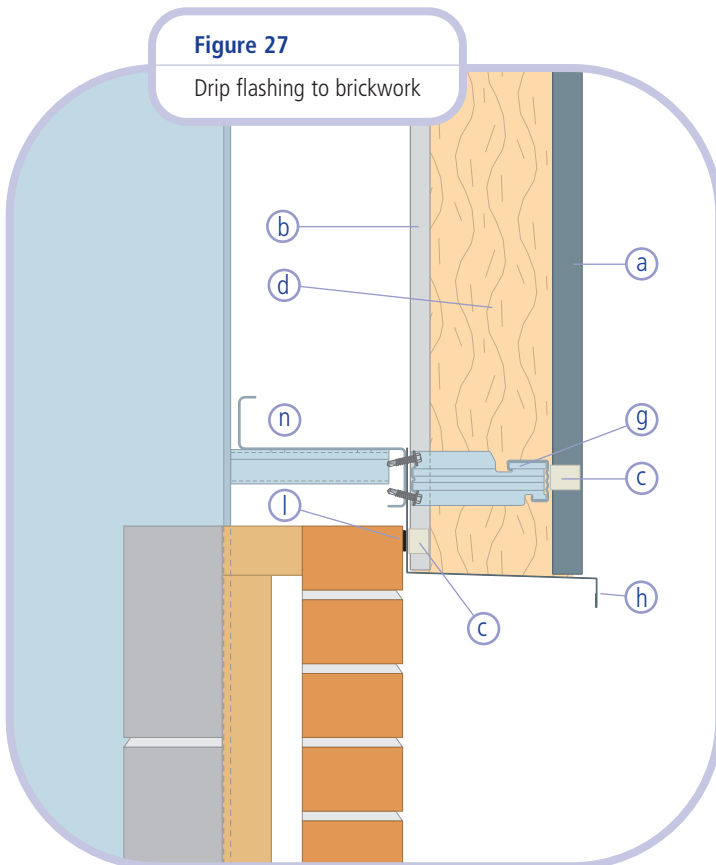
This section sets out common details for the Steadmans AS twin skin wall system. All the details here are available in CAD format from the Steadmans web site.

This section sets out common details for the Steadmans AS twin skin wall system. All the details here will be available in CAD format from the Steadmans web site during 2008.



**Figure 26**

Floor level drip

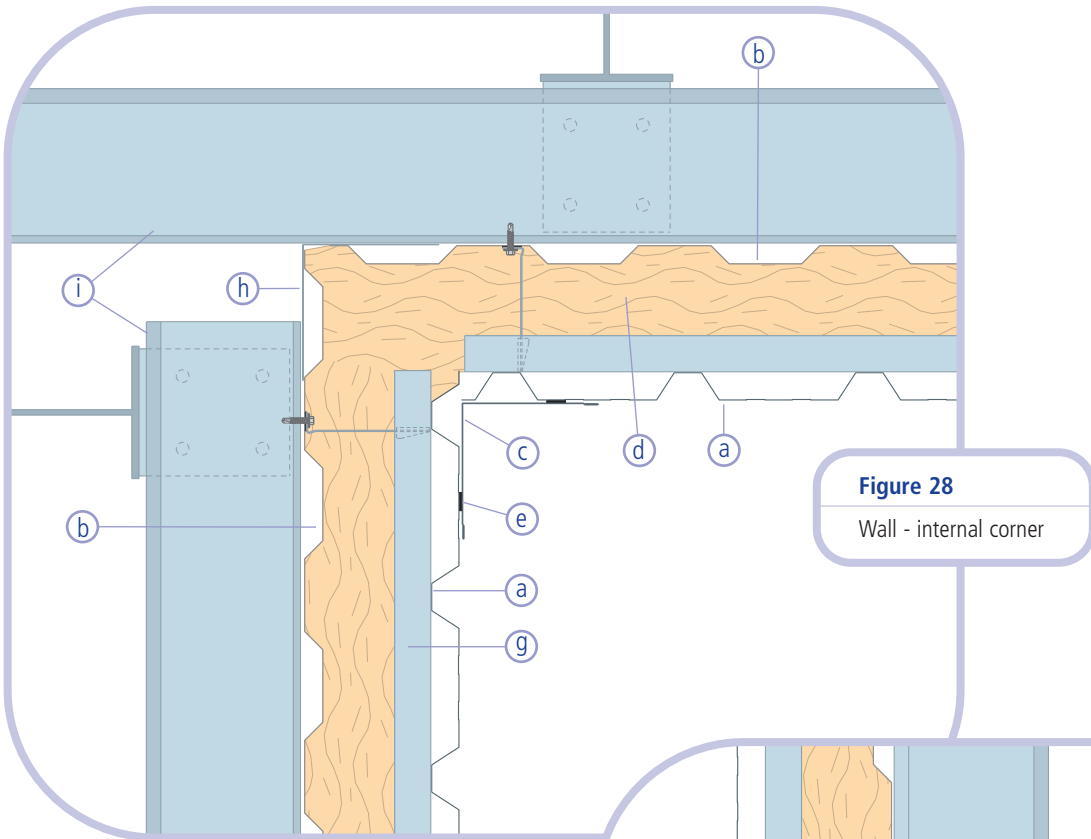


**Figure 27**

Drip flashing to brickwork

**Key to figures 25, 26 & 27**

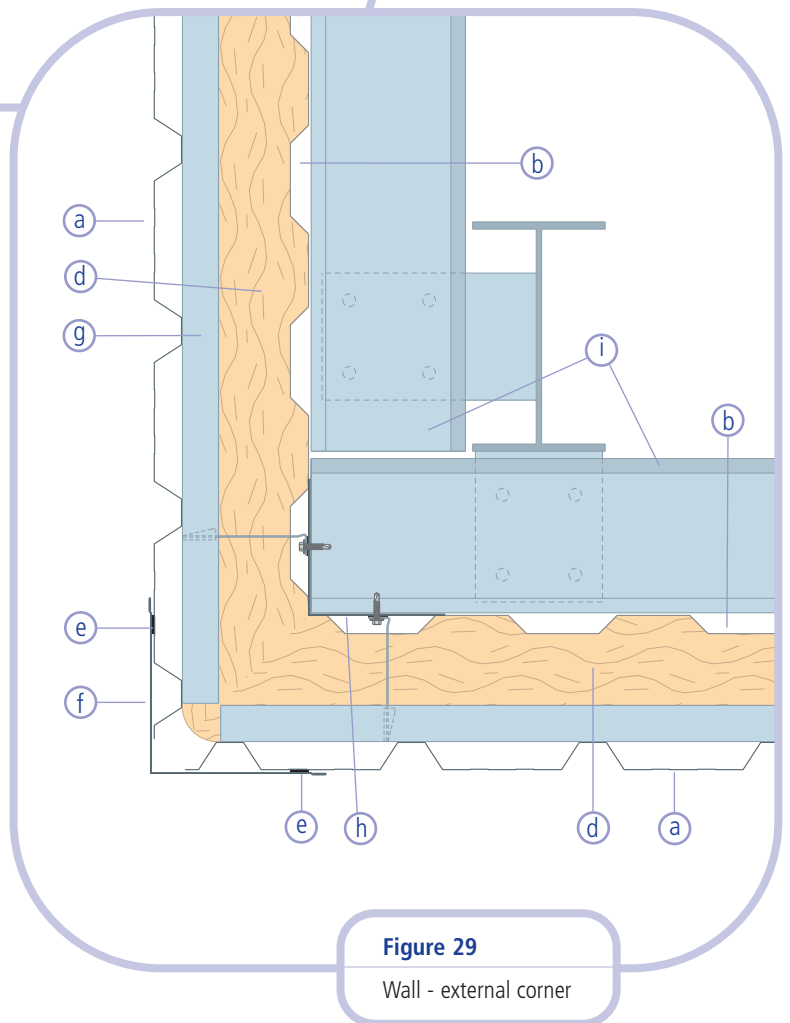
- a** AS profile weather sheet - side and end laps sealed with 6 x 5mm butyl rubber
- b** AS20 liner sheet - side laps sealed with 50 x 1mm polyband tape, end laps sealed with 4mm diameter butyl rubber
- c** Profiled foam filler sealed with gun grade mastic
- d** Loose laid insulation
- e** Seal - 6 x 5mm butyl rubber set 10 - 15mm in from each end of lap
- f** Seal - 4mm diameter butyl rubber set 10 - 15mm up slope from fixing
- g** Bar and bracket system
- h** Drip flashing with min. 150mm sealed lap joints
- i** Expanding type fixing
- j** Galvanised floor angle
- k** Soffit flashing with min. 150mm sealed lap joints
- l** Expanding foam seal
- m** Fastener with 16mm washer
- n** Side rail



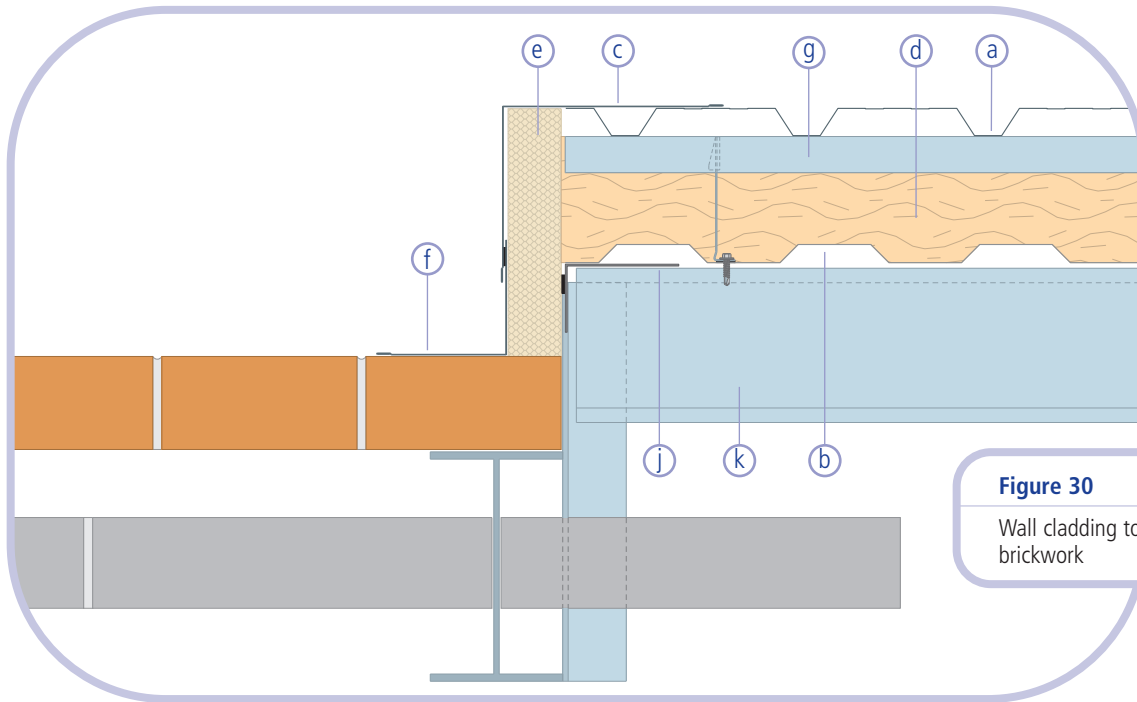
**Figure 28**  
Wall - internal corner

**Key to figures 28 & 29**

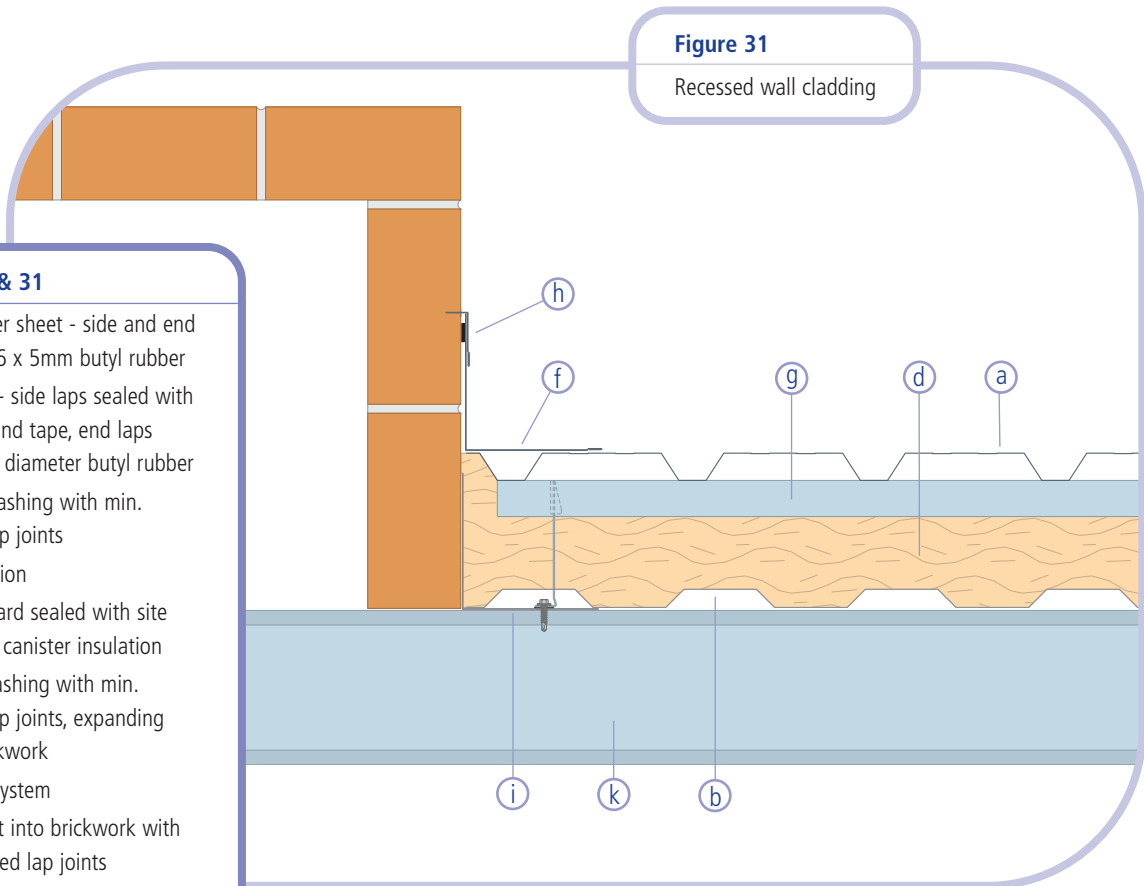
- a** AS profile weather sheet - side and end laps sealed with 6 x 5mm butyl rubber
- b** AS20 liner sheet - side laps sealed with 50 x 1mm polyband tape, end laps sealed with 4mm diameter butyl rubber
- c** Internal corner flashing with min. 150mm sealed lap joints
- d** Loose laid insulation
- e** Seal - 6 x 5mm butyl rubber
- f** External corner flashing with min. 150mm sealed lap joints
- g** Bar and bracket system
- h** Internal liner flashing with min. 75mm sealed lap joints
- i** Side rail



**Figure 29**  
Wall - external corner



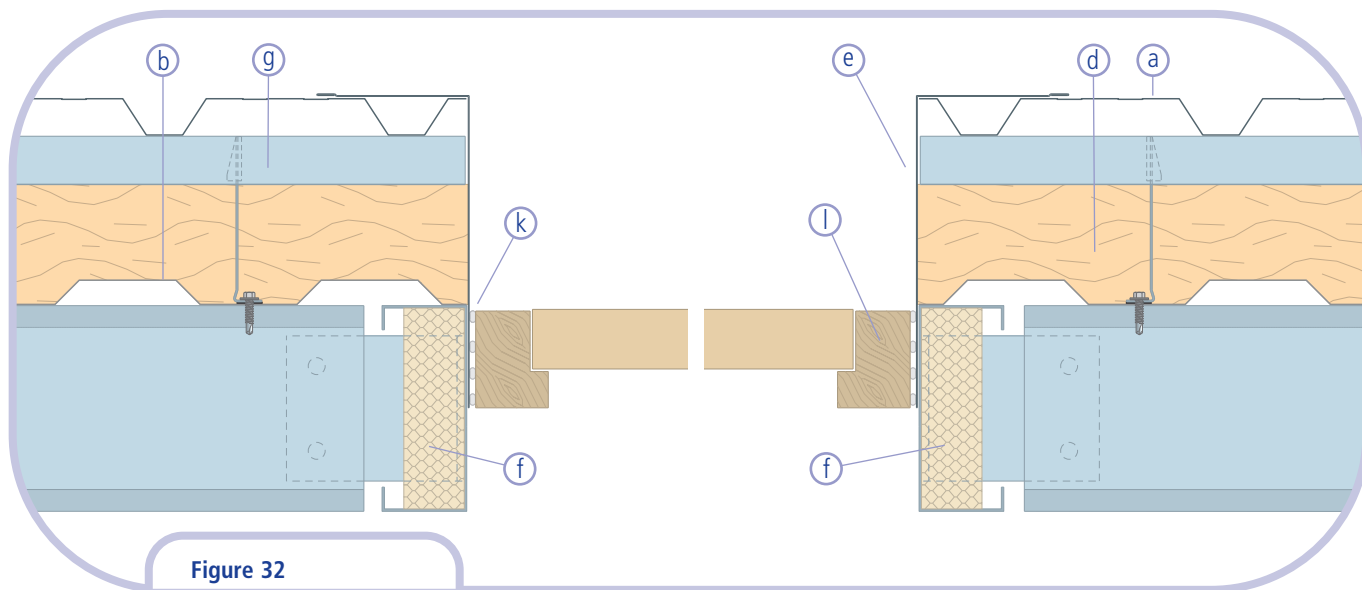
**Figure 30**  
Wall cladding to recessed brickwork



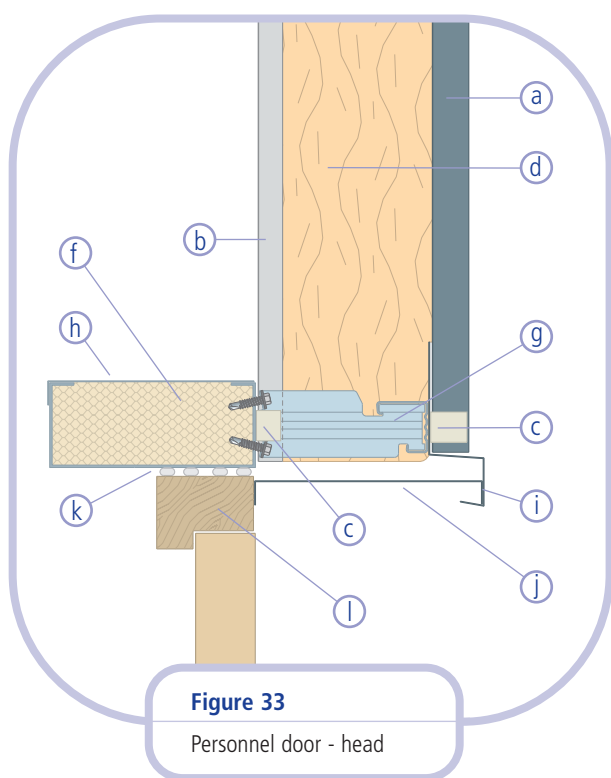
**Figure 31**  
Recessed wall cladding

- Key to figures 30 & 31**
- a** AS profile weather sheet - side and end laps sealed with 6 x 5mm butyl rubber
  - b** AS20 liner sheet - side laps sealed with 50 x 1mm polyband tape, end laps sealed with 4mm diameter butyl rubber
  - c** External corner flashing with min. 150mm sealed lap joints
  - d** Loose laid insulation
  - e** PIR insulation board sealed with site applied fire rated canister insulation
  - f** Internal corner flashing with min. 150mm sealed lap joints, expanding foam seal to brickwork
  - g** Bar and bracket system
  - h** Metal flashing set into brickwork with min. 150mm sealed lap joints
  - i** Internal corner flashing with min. 75mm sealed lap joints sealed to brickwork with expanding foam seal
  - j** Galvanised support
  - k** Side rail

- Notes**
- PIR board insulation:  
60 mm PIR, U = 0.35 W/m<sup>2</sup>K  
80 mm PIR, U = 0.25 W/m<sup>2</sup>K



**Figure 32**  
Personnel door - jamb



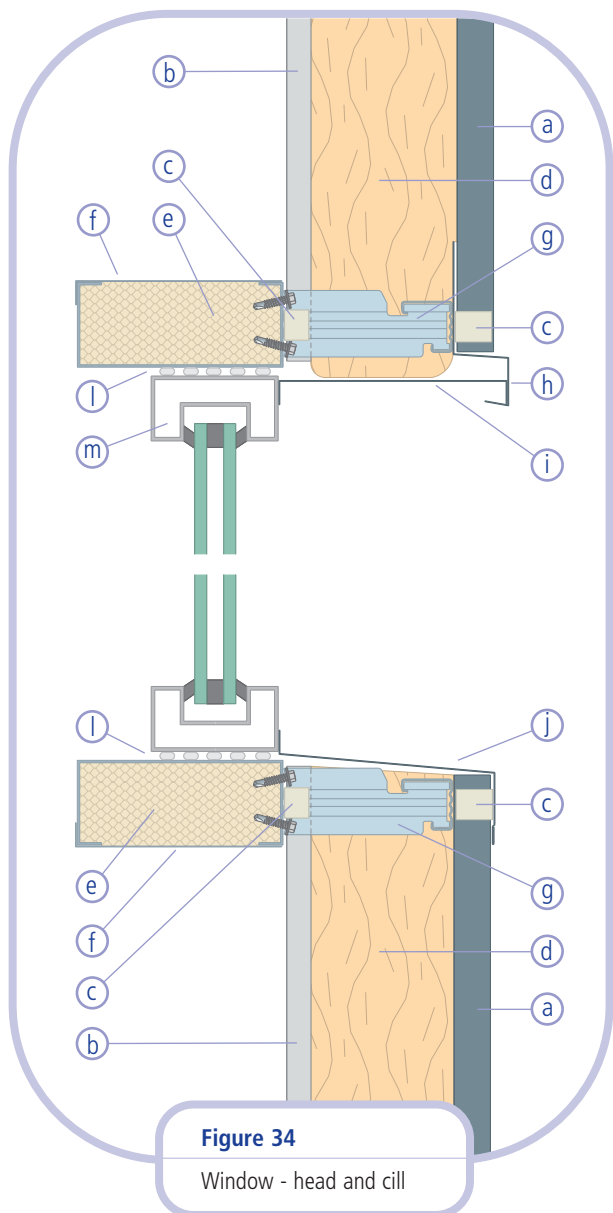
**Figure 33**  
Personnel door - head

**Key to figures 32 & 33**

- a** AS profile weather sheet - side and end laps sealed with 6 x 5mm butyl rubber
- b** AS20 liner sheet - side laps sealed with 50 x 1mm polyband tape, end laps sealed with 4mm diameter butyl rubber
- c** Profiled foam filler sealed with gun grade mastic
- d** Loose laid insulation
- e** External door jamb flashing with min. 150mm sealed lap joints
- f** LPC approved insulation board to give required U-value, sealed with fire rated canister insulation
- g** Bar and bracket system
- h** Cover flashing
- i** Door head drip flashing with min. 150mm sealed lap joints
- j** Soffit flashing with min. 150mm sealed lap joints
- k** Polyethylene backing rod with silicone sealer (by door installers)
- l** Door and frame (by others)

**Notes**

- PIR board insulation:  
60 mm PIR, U = 0.35 W/m<sup>2</sup>K  
80 mm PIR, U = 0.25 W/m<sup>2</sup>K



- Key to figures 34 & 35**
- a** AS profile weather sheet - side and end laps sealed with 6 x 5mm butyl rubber
  - b** AS20 liner sheet - side laps sealed with 50 x 1mm polyband tape, end laps sealed with 4mm diameter butyl rubber
  - c** Profiled foam filler sealed with gun grade mastic
  - d** Loose laid insulation
  - e** LPC approved insulation board to give required U-value, sealed with fire rated canister insulation
  - f** Cover flashing
  - g** Bar and bracket system
  - h** Window head drip flashing with min. 150mm sealed lap joints
  - i** Soffit flashing with min. 150mm sealed lap joints sealed to window frame with gun grade mastic
  - j** Cill flashing with min. 150mm sealed lap joints with fall to allow for drainage
  - k** External corner flashing with min. 150mm sealed lap joints
  - l** Polyethylene backing rod with silicone sealer (by window installers)
  - m** Window unit (by others)

- Notes**
- PIR board insulation:  
60 mm PIR, U = 0.35 W/m<sup>2</sup>K  
80 mm PIR, U = 0.25 W/m<sup>2</sup>K

