This section sets out common details for Steadmans AS35 wall panels.

All the details here are available in CAD format from the Steadmans web site - click the link at the bottom of each page to go to the downloads section.

Key to figures 27, 28 & 29

- a AS35 insulated wall panel
- b Galvanised floor angle
- c Seal - 6 x 5mm Butyl rubber
- d Air seal - 8mm Butyl rubber
- e PIR insulation board sealed with site applied fire rated canister insulation
- f Expanding foam seal
- g Drip flashing
- h Folded floor cleader rail
- i Expanding type fixing
- j Flashing sealed with 6 x 5mm Butyl rubber seal
- k Side rail
**Key to figures 30 & 31**

- **a** AS35 insulated wall panel
- **b** Expanding foam seal
- **c** Internal corner flashing with min. 150mm sealed lap joints
- **d** Air seal - 8mm Butyl rubber
- **e** Seal - 6 x 5mm Butyl rubber
- **f** Profiled filler to close off top and bottom of external corner flashing
- **g** Site applied foam insulation
- **h** Internal liner flashing with min. 75mm sealed lap joints
- **i** External corner flashing with min. 150mm sealed lap joints
- **j** Side rail
**Key to figures 32 & 33**

- **a**  AS35 insulated wall panel
- **b**  Internal corner flashing with expanding foam seal to brickwork and 6 x 5mm Butyl rubber seal to panel
- **c**  External corner flashing sealed to panel with 6 x 5mm Butyl rubber seal
- **d**  Galvanized support sealed with 8mm Butyl rubber air seal
- **e**  PIR insulation board sealed with site applied fire rated canister insulation
- **f**  Site applied fire rated canister insulation
- **g**  Internal corner flashing sealed to brickwork with expanding foam seal
- **h**  Support zed sealed to panel with 6 x 5mm Butyl rubber seal
- **i**  Side rail

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**Figure 32**
Wall panel to recessed brickwork

**Figure 33**
Recessed wall panels
**Key to figures 34 & 35**

- **a**: AS35 insulated wall panel
- **b**: Site applied expanding air seal
- **c**: LPC approved insulation board to give required U-value, sealed with fire rated canister insulation
- **d**: Galvanised door jamb / head
- **e**: 6 x 5mm Butyl rubber seal
- **f**: Polyethylene backing rod with silicone sealer (by door installers)
- **g**: Door head flashing
- **h**: External door jamb flashing with no connection to internal
- **i**: Optional external soffit flashing with no connection to internal
- **j**: Optional internal flashing
- **k**: Optional external door jamb flashing with no connection to internal
- **l**: Door and frame (fixed by others)
- **m**: 8mm Butyl rubber seal
**Figure 36**
Window - head and cill

**Figure 37**
Window - jamb

**Key to figures 36 & 37**

- **a** AS35 insulated wall panel
- **b** Site applied expanding air seal
- **c** LPC approved insulation board to give required U-value, sealed with fire rated canister insulation
- **d** Galvanised window jamb / head
- **e** 6 x 5mm Butyl rubber seal
- **f** Polyethylene backing rod with silicone sealer (by window installers)
- **g** Window head flashing
- **h** External window jamb flashing with no connection to internal
- **i** Cill flashing with 3˚ fall to allow for drainage, no connection to internal
- **j** Optional internal flashing
- **k** Optional external window jamb flashing with no connection to internal
- **l** Window unit fixed to galvanised window jamb (by others)
- **m** Profiled foam filler sealed top and bottom with gun grade mastic