

Structural Walls & Spandrel Panel System



INSTALLATION PROCEDURE for WALLS & SPANDREL PANELS

Important Notes:

- 1) Unless all external walls are correctly positioned and constructed; and the wallplates installed with care, problems may be experienced with roof panel installation.
- 2) The following erection procedures should be under taken only by:
 - a) Personnel who have been trained by **smartroof** Ltd or
 - b) Under the direction of a **smartroof®** installer.
- 3) This procedure is intended for those buildings which feature pre-fabricated and assembled gable ends featuring a location to **smartroof®** specification and suitable for connecting to roof panels; such as light weight steel structures, insulated concrete panels or timber frames.
- 4) Health and Safety at Work Lifting Regulations must be observed at all times.

- 1 Set out wall positions with care & explain to all relevant site staff how important it is for them to work accurately.
- 2 During construction, constantly ensure that walls are erected vertical, square & parallel.
- 3 Check that the gable end walls are positioned to give the correct span dimension.
- 4 Bed wallplates in a suitable mortar mix or sealant along their entire length, such that both wallplates are level & at the same height.
- 5 Fix wallplate strapping where specified.
- 6 Familiarise yourself with the erection procedure, ensuring that temporary supports for spandrel panels, sufficient securing straps & Engineer's fixing instructions are available prior to commencement of installation. Scaffolding/towers giving access to the top of the spandrels must be erected by this time.
- 7 Apply compressible tape along leafs of party walls prior to positioning party wall spandrels. Position the first spandrel in the required location, & hold with the temporary support, ensuring that the panel is vertical.
- 8 Position & temporarily secure the second spandrel in a similar manner to the first.
- 9 Ensure that roof panel to spandrel panel fixing instructions are understood, & that sufficient nails or screws, sealant & tools are all available prior to hoisting the first roof panel.

Roof panel erection may now proceed in accordance with Procedure SR01-02. After this has been completed spandrel panel securing strap fixing may be completed.

IN THE EVENT OF ANY PROBLEMS, OR IF THE ABOVE IS NOT UNDERSTOOD, PLEASE CONSULT THE PANEL SUPPLIER

THE INSTALLATION CHECK SHEET MUST BE COMPLETED & SIGNED FOR EACH & EVERY PLOT

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Date:	02/10/07
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