



Party Wall Spandrel Panel. Panel to be formed from 38x89mm C16 timber studs at max. 600mm centres. All studs fixed to perimeter chords with 2 No. 90mm ARS nails. Stud voids to be fully insulated with Knauf Frametherm insulation. Both sides clad in either two layers of 12.5mm moisture resistant plasterboard with joints staggered or one layer of 15mm Fermacell to each side.

45x72mm timber ledger screw fixed with 2 No. 100mm screws per stud to at least 2 studs.

All bracing and web bracing fixed to bearers with 90mm ARS nails, site fixed to face of spandrel and 45x72mm timber ledger. Refer to truss layout for position.

Spandrel fixed to H+H Vertical Wall Panels with 1.2m lateral restraint straps at 1.8m centres. Straps fixed to spandrel with 6 No. 30mm Square Twist nails (not shown for clarity). Straps fixed to Vertical Wall Panels with 3 x No. 8 Gauge 50mm screws equally spaced into wall plugs.

Loft insulation between and over bottom chord of roof truss. Insulation to abut part wall Spandrel. with no gap.

Solid noggins in ceiling chord of spandrel to be a minimum of 50% the depth of the sole chord to allow services to run underneath.

Standard lateral restraint strap fixed to top face of ceiling chord at max. 2m centres. Strap to be fixed to atleast 3 trusses and fully supported with noggins. Strap fixed to each truss with 1 No. 30mm square twist nail and to each noggin with 3 equally spaced 30mm square twist nails. Strap upturned to allow it to be face fixed to spandrel panel with 3 No 75mm screws.

Spandrel fixed to wall plate with 90mm ARS nails skew fixed at 300mm centres. Nails to be 25mm from edge of sole chord.

50x100mm C16 wall plate on 2mm thin joint mortar adhesive bed. Fixed to top of H+H Vertical wall Panels on both walls with Helifix Turbofast 8mmØx150mm fixings. Fixings positioned at 240mm centres along full length. Wall plate to be a minimum of 2m lengths and lap jointed at all connections.

Vertical Wall Panel.  
Compressive strength 4N/mm<sup>2</sup>.  
Thermal conductivity - 0.17W/Mk

Plasterboard

**FOR WALL WITH NO SPANDREL ON ONLY**  
Cullen PFS 1500-100-B strapped lapped over party wall Vertical Wall Panel at 1.2 m centres. Strap to be fully supported with noggins and span 3 trusses fixed with min. 8 no. 3.4x35mm square twist nails. Strap fixed to wall plate with min. 3 no. 3.4x35mm square twist nails

ARC® Spandrel Barrier SPB100/100. Push fitted into top of compartment wall. Barriers to be fitted tight together with no gaps. 'Wing' of barrier to sit under spandrel and compress to form effective seal between wall plate and spandrel.

12.5mm Plasterboard on 10mm Dabs

| 01.  | 6/9/22 | Change to text and insulation to spandrel panel indicated. | MAB. |
|------|--------|--|------|
| REV. | DATE.  | DESCRIPTION.   | BY.  |

These details have been produced for guidance only. It is the responsibility of the building designer to ensure that the details shown are compatible with the overall building design and will satisfy the relevant parts of the Building Regulations applicable before they are adopted into the project design.

**H+H** PARTNERS IN WALL BUILDING  
 H+H UK Limited  
 Technical Services Dept.  
 Celcon House  
 Ightham, Sevenoaks  
 Kent, TN15 9HZ.  
 Tel +44 (0)1732 880580  
 Email tsd@hcelcon.co.uk

|   |            |                |  |
|---|------------|----------------|--|
| TITLE Vertical Wall Panel detail<br>Party wall spandrel |            |                |  |
| DWG No. VED058  |            |                |  |
| DRAWN BY MAB  |            | CHECKED BY SJK |  |
| DATE 23/7/21  | SCALE 1:10 | REV.NO. 01     |  |

Party wall spandrel panel - base detail