

Acoustic steel frame fire rated systems

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| Product | BPB Plasterboard |
| System | Acoustic steel frame wall system |
| System Number | TGSLA30f |
| Fire Resistance Rating | 30/30/30 |
| Plasterboard System | 2 Layers 13mm BPB Regular each side with Soundstop foam tape to both sides |

Framing

Steel framing constructed using framing dimensions and height as determined by NZS 4203 stud tables for loadbearing walls. The minimum stud size is 63 x 32 x 1.15mm (LB) or 0.55mm (NLB). Studs are placed at 600mm centres maximum. Nogs are only required at horizontal joints.

Wall Height

Wall may be maximum 3.6 metres high with studs at 600mm centres. Framing dimensions and wall height are determined by NZS 4203 stud tables for loadbearing partitions.

Lining

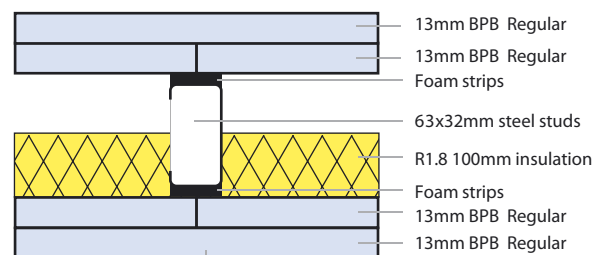
Two layers of 13.0mm BPB Regular fixed each side of steel framing over Soundstop fire resistant foam tape. Use full-length sheets where possible.

Fixing

Fix inner and outer layers at minimum 300mm centres to perimeter of sheets and to intermediate studs and nogs. Horizontal and vertical fixing permitted. Sheet joints staggered between layers. All vertical sheet edges must be made over solid framing.

Acoustic Control

All framing faces on both sides of the frame must be covered with Soundstop fire resistant foam tape. Wall cavities must be filled with INZ fibreglass noise control blanket or other insulation of equivalent performance between studs. Place a bead of acoustical sealant to the perimeter of the first layer and bed the second layer to the bead.



| Fasteners | Drywall Screws |
|------------|----------------------|
| | 12mm from sheet edge |
| Inner 13mm | 40mm x 6g Bugle head |
| Outer 13mm | 50mm x 7g Bugle head |

Soundstop Foam Tape

Fix Soundstop strips to both sides of framing faces. When fixing plasterboard ensure compression of Soundstop is no less than 1.5mm and no greater than 3mm.

Jointing

All fastener heads stopped and all sheet joints reinforced with paper jointing tape to outside layer only and stopped in accordance with AS/NZS 2589.1.

