

Product	BPB Plasterboard
System	Steel frame wall system
System Number	TGSL30
Fire Resistance Rating	30/30/30
Plasterboard System	1 Layer 13mm BPB Firestop each side

### Framing

Steel stud framing of nominal 92 x 35mm and gauge of 1.15 BMT or SMG. Steel channels are fixed to the ceiling and floor and studs are placed at 600mm centres. There is no end gap between stud ends and channels. Studs are to be fixed to channels top and bottom using 8g screws. Nogs are required for all horizontal fixing joints. Maximum nog spacing 1800mm.

### Wall Height

Wall may be maximum 3 metres high with studs at 600mm centres and no nogs. Walls over 3 metres high must be separately designed for serviceability and structural loading at ambient temperatures.

### Lining

One layer of 13.0mm BPB Firestop fixed each side. Use full-length sheets where possible.

### Fixing

Fix sheets at 200mm centres to perimeter of sheets and 300mm to intermediate studs. Fixings should start at 50mm from top or bottom of the wall. Horizontal and vertical fixing permitted. All sheet edges must be made over solid framing.

### Insulation

Wall cavities are optionally filled with R 1.8 nominal 75mm fibreglass insulation or equivalent.

### Jointing

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

