

Steel frame fire rated systems

Product	BPB Plasterboard
System	Steel frame wall system
System Number	TGS15a
Fire Resistance Rating	-/15/15
Plasterboard System	1 Layer 10mm BPB Aquastop each side

Framing

Steel stud framing of nominal 64 x 32mm or 65 x 30mm deep and gauge of 0.55 BMT or SMG. Steel channels are fixed to the ceiling and floor and studs are placed at 600mm centres allowing a 15mm expansion gap top and bottom. A polystyrene block may be used to pack the stud. Studs are to be "snug" fitted to top and bottom channels. No other fixing is permitted.

Wall Height

Wall may be maximum 3 metres high with studs at 600mm centres and no nogs. Walls may be maximum 3.6 metres with studs at 400mm centres and nogs at 1200mm centres.

Lining

One layer of 10.0mm BPB Aquastop fixed each side. Use full-length sheets where possible.

Fixing

Fix sheets at 200mm centres to all studs with no fixing to top and bottom channels. All sheet joints should be staggered 600mm from joints on the opposite side of the frame. 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.

