

Timber frame fire rated systems

Product	BPB Plasterboard
System	Timber frame wall system
System Number	TGTL60
Fire Resistance Rating	60/60/60
Plasterboard System	1 Layer 13mm BPB Firestop each side

Framing

Timber framing constructed using framing dimensions and height as determined by NZS 3604 stud tables for loadbearing walls. Minimum stud size is 90 x 45mm. Studs are placed at 600mm centres maximum. Nogs are at 800mm centres for vertical fixing and at 1200mm centres for horizontal fixing.

Wall Height

Framing dimensions and wall height are determined by NZS 3604 stud tables for loadbearing partitions.

Lining

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

Fixing

Fix sheets at 200mm centres to sheet perimeter and 300mm to intermediate studs. 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.

