

Timber or steel universal wall fire rated systems

Product	BPB Plasterboard
System	Acoustic timber frame wall system
System Number	TGUW60jh
Fire Resistance Rating	60/60/60
Plasterboard System	1 Layer 13mm BPB Firestop 1 Exterior Layer of Exterior Cladding

Framing and Wall Height

Timber - Timber frame is constructed using framing dimensions and height as determined by NZS 3604 stud tables. The minimum stud size is 90 x 45mm for loadbearing walls. The maximum load may not exceed 5KN per stud.

Lining

One layer of 13.0mm BPB Firestop on the fire exposed face and one layer of exterior cladding to the external face. Use full-length sheets where possible.

Fixing Plasterboard

Fix sheets at 300mm centres to perimeter of sheets and to intermediate studs. Fixings should start at 50mm from top or bottom of the wall. Horizontal and vertical fixing permitted. Nogs are at 800mm centres for vertical lining and 1200mm centres for horizontal lining. All sheet edges must be made over solid framing.

Fixing Exterior Cladding

Consult manufacturer's instructions for the fixing of the exterior cladding.

Insulation

Wall cavities are optionally filled with James Hardie 50mm mineral insulation infill or equivalent.

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.

