

Timber or steel universal wall fire rated systems

Product	BPB Plasterboard
System	Universal wall system
System Number	TGUW30b
Fire Resistance Rating	30/30/30
Plasterboard System	1 Interior Layer 10mm BPB Firestop and 1 Exterior Layer Fibre Cement cladding

Framing and Wall Height

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 10.0mm BPB Firestop on the fire exposed face and one layer of Fibre Cement sheet or 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 Fibre Cement

Consult with Fibre Cement manufacturers instructions for the fixing of the Fibre Cement sheets.

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 to outside layer only and stopped in accordance with AS/NZS 2589.1.

