

# Timber frame fire rated systems

Product	BPB Plasterboard
System	Timber frame wall system
System Number	TGTL60a
Fire Resistance Rating	60/60/60
Plasterboard System	1 Layer 16mm BPB Firestop each side

## Framing

Timber framing constructed using framing dimensions and height as determined by NZS 3604 stud tables for non-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 non-loadbearing partitions.

## Lining

One layer of 16.0mm 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.

