

Simultaneous two sided fire exposure — timber frame

Specification number	Performance	Specifications
GBTL 30 2S	FRR 30/-/ STC 36 Rw 36	Lining 1 layer of 13mm GIB Fyreline® each side LB/NLB Load bearing

FRAMING

Framing to comply with:

- NZBC B1 — Structure: AS1 Clause 3 — Timber (NZS 3604) or VM1 Clause 6 — Timber (NZS 3603).
- NZBC B2 — Durability: AS1 Clause 3.2 — Timber (NZS 3602).
- Minimum 90 x 45mm studs at 600mm centres maximum.
- Nogs at 1000mm centres maximum.

WALL HEIGHTS AND FRAMING DIMENSIONS

Loadbearing — Framing dimensions and height as determined by NZS 3604 stud and top plate tables for loadbearing walls.

LINING

1 layer of 13mm GIB Fyreline® each side of the frame.

Vertical or horizontal fixing permitted. All sheet joints must be formed over solid timber framing. Sheets shall be touch fitted.

Vertical fixing — Stagger longitudinal sheet joints on opposite sides of the wall. When sheet end butt joints are unavoidable, they shall be formed over nogs and offset on opposite sides of the frame.

Horizontal fixing — Horizontal joints on opposite sides of the wall can be formed over the same row of nogs. Sheet end butt joints shall be formed over studs and offset on opposite sides of the frame.

FASTENING THE LINING

Fasteners

41mm x 6g GIB® Grabber® High Thread Drywall Screws.

Fastener centres

Place fasteners at 300mm centres to perimeter framing and intermediate studs.

Place fasteners 50mm from sheet corners along plates. At wall corners place an additional fastener 50–60mm vertically, no closer than 10mm from plate-to-stud joints.

Place fasteners 12mm from longitudinal sheet edges and 18mm from sheet ends.

Place fasteners at 200mm centres along sheet end butt joints.

JOINTING

All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the publication entitled “GIB® Site Guide”.

