Two way FRR — timber frame

Specification number	Performance		Specifications	
GBTL 120	**FRR**	120/120/120	**Lining**	2 layers 16mm GIB Fyreline® each side
	STC	45	**LB/NLB**	Load bearing
	Rw	45		

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).
— Studs at 600mm centres maximum.
— Nogs at 800mm centres maximum.

WALL HEIGHTS AND FRAMING DIMENSIONS

Non-loadbearing — Framing dimensions and height as determined by NZS 3604 stud tables for non-loadbearing partitions.

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

LINING

2 layers of 16mm GIB Fyreline® each side of the frame.

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

Stagger longitudinal sheet joints between layers and on opposite sides of the frame. When sheet end butt joints are unavoidable, they shall be formed over nogs, staggered between layers and staggered on opposite sides of the wall.

FASTENING THE LINING

Fasteners

Inner layer: 51mm x 7g GIB® Grabber® High Thread Drywall Screws.

Outer layer: 63mm x 8g GIB® Grabber® Self Tapping Drywall Screws.

Fastener centres

Inner layer: 600mm centres vertically up each stud and 400mm centres horizontally along top and bottom plates.

Outer layer: 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

Inner layer: Unstopped.

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