

**GIB** **Two Way FRR – Timber Frame** **JANUARY 2006**

SPECIFICATION NUMBER	LOADBEARING CAPACITY	FIRE RESISTANCE RATING	LINING REQUIREMENTS	SOUND TRANSMISSION CLASS	SYSTEM WEIGHT APPROX
GBT 180	NLB	-/180/180	2 x 16mm GIB Fyreline® each side	STC 46	65kg/m <sup>2</sup>

**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**

Framing dimensions and height as determined by NZS 3604 stud tables for non loadbearing walls.

**LINING**

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

Vertical fixing only permitted. Full height sheets shall be used where possible.

Sheets shall be touch fitted.

Vertical joints of the second layer are staggered from joints in the first layer on the same side of the frame.

When sheet end butt joints are unavoidable, they must be formed over solid framing with those of the first layer staggered from those of the second layer.

All sheet joints must be formed over solid timber framing.

**FASTENING THE LINING**

**Fasteners**

INNER LAYER: 51mm x 7g GIB® Grabber® High Thread Drywall Screws.

OUTER LAYER: 63mm x 8g GIB® Grabber® Self Tapping Screws.

**Fastener Centres**

INNER LAYER: 600mm centres horizontally.

800mm centres vertically.

OUTER LAYER: 150mm centres around the sheet perimeter.

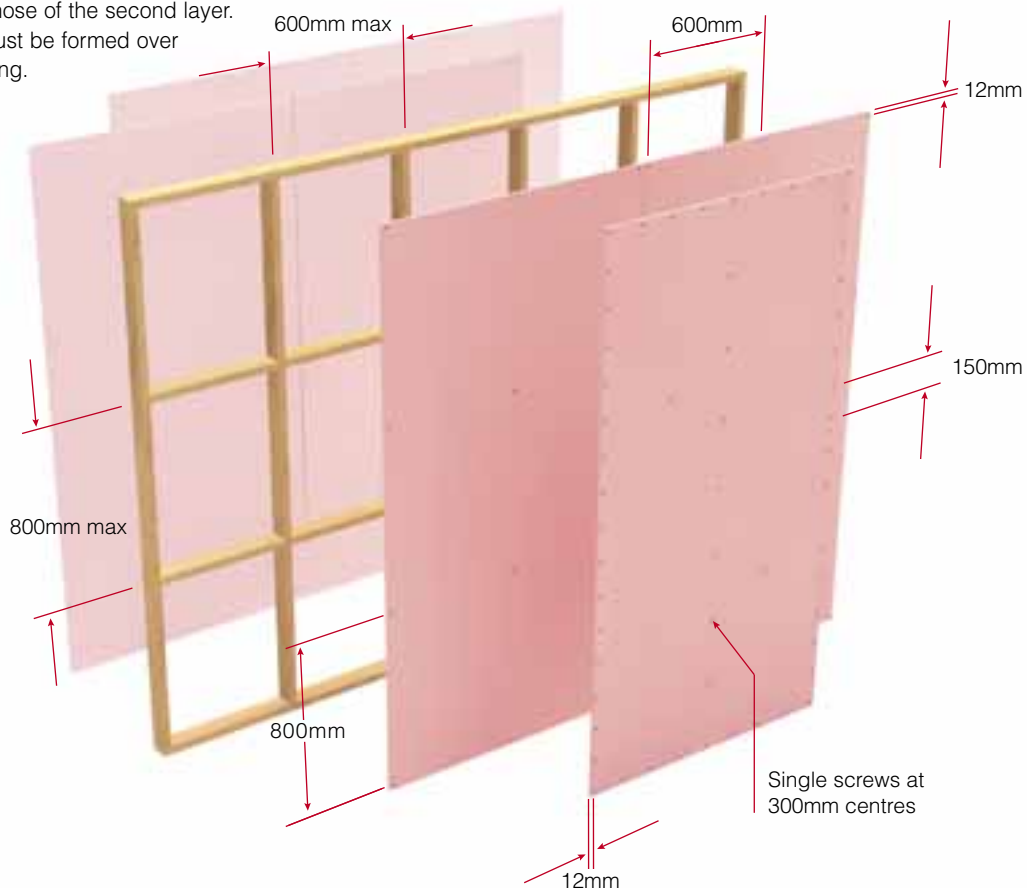
Place fasteners 12mm from sheet edges.

Single screws at 300mm centres to intermediate studs and to the centre of each nog.

**JOINTING**

FIRST 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".



In order for GIB® systems to perform as tested, all components must be installed exactly as prescribed. Substituting components produces an entirely different system and may seriously compromise performance. Follow system specifications.