

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

SPECIFICATION NUMBER	LOADBEARING CAPACITY	FIRE RESISTANCE RATING	LINING REQUIREMENTS	SOUND TRANSMISSION CLASS	SYSTEM WEIGHT APPROX
GBSL 30a	LB	30/30/30	1 x 16mm GIB Fyreline® each side	STC 41	29kg/m ²
GBSL 30b			2 x 10mm GIB Fyreline® each side	STC44	32kg/m ²

FRAMING AND WALL HEIGHT

Any steel frame designed to meet structural criteria for strength and serviceability under dead and live loads. Stud width shall be 35mm minimum. Stud spacing at 600mm centres maximum. Frame height as determined by specific design.

LINING

GBSL 30a – 1 layer of 16mm GIB Fyreline® each side of the frame.
 GBSL 30b – 2 layers of 10mm GIB Fyreline® each side of the frame.
 Vertical fixing only permitted.
 Sheets shall be touch fitted.
 Offset joints on opposite sides of the frame and between sheets in double layered systems by 600mm.
 Full height sheets shall be used where possible.
 When sheet end butt joints are unavoidable, they shall be formed over nogs.
 All sheet joints must be formed over framing.
 Linings are fixed hard to floor.

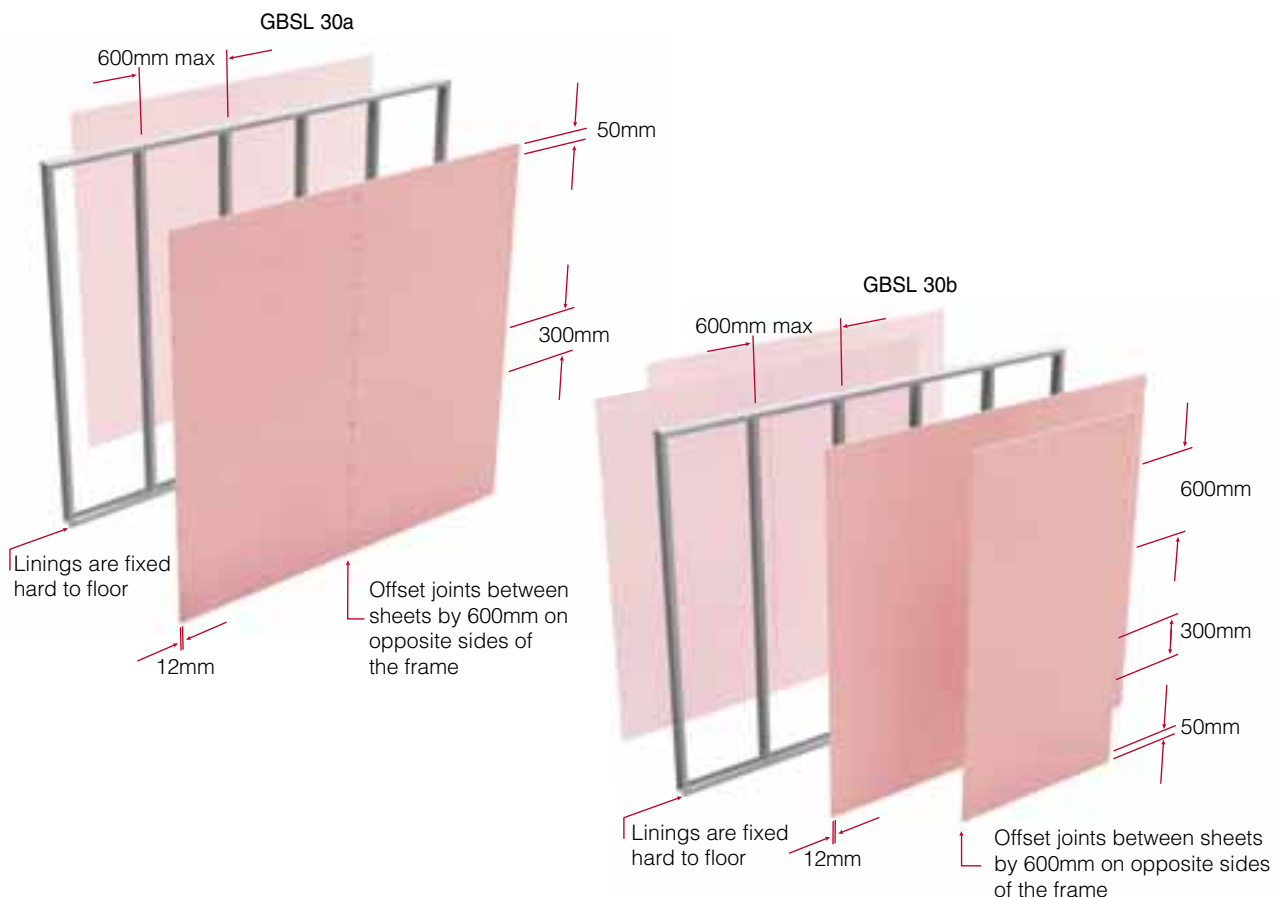
FASTENING THE LINING

Fasteners
 GBSL 30a – 32mm x 6g GIB® Grabber® Drywall Self Tapping Screws.
 GBSL 30b inner layer – 25mm x 6g screws as above.
 GBSL 30b outer layer – 32mm x 6g screws as above.
Fastener Centres
 Place fasteners 12mm from sheet edges generally and 50mm from sheet ends.
 INNER LAYER: 600mm centres up each stud.
 OUTER OR SINGLE LAYER: 300mm centres up each stud.

JOINTING

INNER LAYER: Unstopped.
 SINGLE OR OUTER LAYERS: All screw heads stopped and all sheet joints tape reinforced and stopped in accordance with the publication entitled “GIB® Site Guide”.

Note: See also Section 1, “Loadbearing Steel Framed Walls”.



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.