



SPEC No.	LOADBEARING CAPACITY	STC	RW	FIRE RESISTANCE RATING	LINING REQUIREMENTS
GBSA 30b	NLB	59	57	-/30/30	1 x 13mm GIB® Standard Plasterboard one side 2 x 13mm GIB® Standard Plasterboard other side

FRAMING

Steel stud dimensions 64 x 34 x 0.55mm nominal with 6mm return and placed in 64 x 30 x 0.55mm nominal steel channel. Channel is fixed to floor and ceiling. Studs are “friction fitted” at 600mm centres maximum with a 15mm expansion gap at the top of the frame. No fixings to the top channel.

Note: If 0.5mm BMT steel studs are used, verification of performance must be obtained from the supplier of the framing system.

WALL HEIGHTS

Recommended maximum wall height is 2700mm. For higher walls consult the framing manufacturer.

SOUND CONTROL INFILL

R1.8 (75mm) Pink® Batts® glasswool insulation installed between the studs on one side of the double frame.

LINING

1 layer of 13mm GIB® Standard Plasterboard fixed vertically one side of the frame and 2 layers of 13mm GIB® Standard Plasterboard on the other. Inner layer joints on opposite sides of the frame are offset. Vertical joints of the outer layer are offset 600mm from those of the inner layer. The inner layers must be fitted hard to floor. Use full height sheets where possible. Sheet joints are touch fitted and must occur over framing. Where sheet end joints are unavoidable they must be over nogs and outer layer joints offset from those on the inner layer.

ACOUSTIC SEALANT

A bead of GIB Soundseal® acoustic sealant is required around the perimeter of the inner lining, the outer lining is then bedded onto the bead.

FASTENING THE LINING

Fasteners

INNER and SINGLE LAYER:
25mm x 6g GIB® Grabber® Self Tapping Drywall Screws.
OUTER LAYER: 41mm x 6g screws as above.

Fastener Centres

INNER and OUTER LAYER: 300mm centres up each stud.
Place fasteners 12mm from sheet edges generally and 50mm from sheet ends.

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”. Wall to ceiling junctions are to be reinforced with paper tape and square stopped or finished with GIB-Cove®.

STUD SIZE	SPACE BETWEEN FRAMES	PARTITION WIDTH
64 x 34 x 0.55mm	79mm min	244mm

1 layer of 13mm GIB® Standard Plasterboard

R1.8 (75mm) Pink® Batts®

Double steel studs

2 layers of 13mm GIB® Standard Plasterboard

