

**GIB** **Universal Walls – One Way FRR – Timber or Steel Frame** JANUARY 2006

SPECIFICATION NUMBER	LOADBEARING CAPACITY	FIRE RESISTANCE RATING	LINING REQUIREMENTS
GBUW 30a	LB/NLB	(30)/30/30	1 x 16mm GIB Fyreline® one side
GBUW 30b			2 x 10mm GIB Fyreline® one side

**FRAMING AND WALL HEIGHT**

Timber or steel frame designed to meet durability and structural criteria for strength and serviceability under dead and live loads.  
The stud width shall be 35mm minimum with a depth of 90mm minimum.  
Stud spacing at 600mm centres maximum.  
Frame height and dimensions as determined by NZS 3604 stud tables or specific design.

**LINING (FIRE SIDE)**

GBUW 30a – 1 layer of 16mm GIB Fyreline® to one side of the frame.  
GBUW 30b – 2 layers of 10mm GIB Fyreline® to one side of the frame.  
Full height sheets shall be used where possible.  
Sheets shall be touch fitted.  
Offset joints in double layered systems by 600mm.  
When sheet end butt joints are unavoidable, they shall be formed over nogs.  
All sheet joints must be formed over framing.  
In steel framed options, linings are fixed hard to floor.

**FASTENING THE LINING**

**Fasteners**

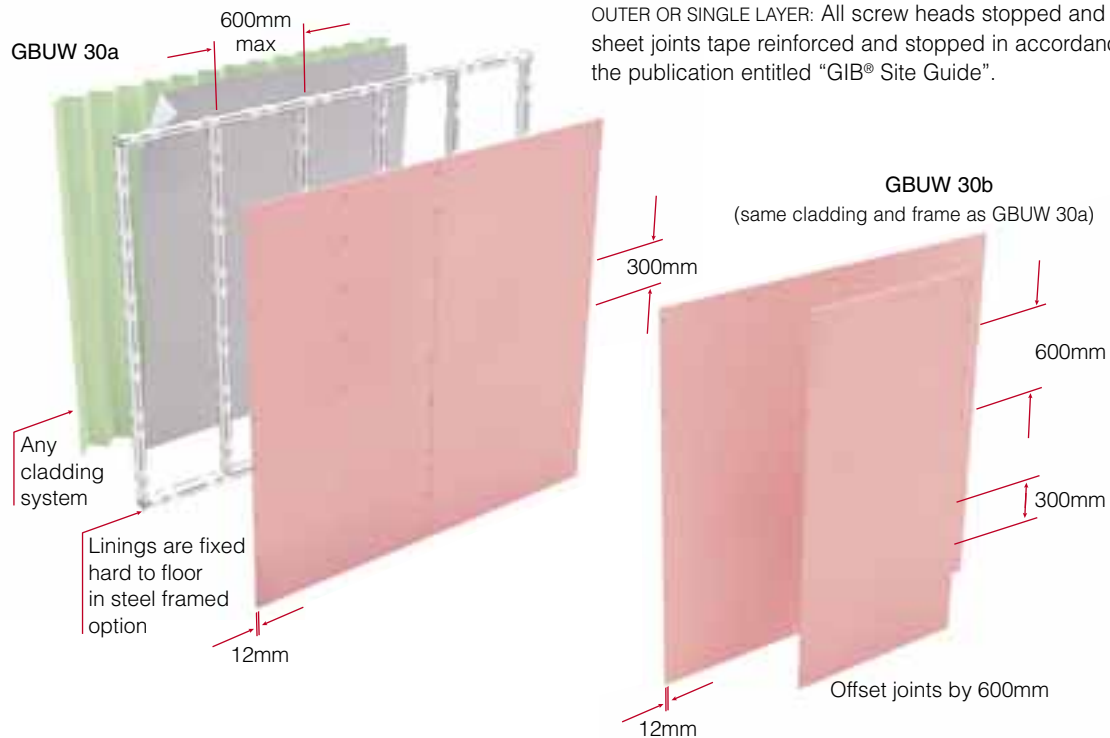
SYSTEM	TIMBER FRAME	STEEL FRAME
GBUW 30a	32mm x 6g GIB® Grabber® High Thread Drywall Screws, or 40mm x 2.8mm GIB® Nails	32mm x 6g GIB® Grabber® Drywall Self Tapping Screws
GBUW 30b Inner layer	32mm x 6g screws as above or 40mm x 2.8mm GIB® Nails	25mm x 6g screws as above
Outer layer	41mm x 6g screws as above or 40mm x 2.8mm GIB® Nails	32mm x 6g screws as above

**Fastener Centres**

INNER LAYER: 600mm centres up each stud.  
OUTER OR SINGLE LAYER: 300mm centres up each stud.  
Place fasteners 12mm from sheet edges.

**JOINTING**

INNER LAYER: Unstopped  
OUTER OR SINGLE LAYER: All screw 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.