

# Acoustic steel frame fire rated systems

Product	BPB Plasterboard
System	Acoustic steel frame wall system
System Number	TGSLA30fa
Fire Resistance Rating	30/30/30
Plasterboard System	2 Layers 13mm BPB Regular each side with Soundstop foam tape on one side

## Framing

Double stud steel framing constructed using framing dimensions and height as determined by NZS4203 stud tables for loadbearing walls. The minimum stud size is 63 x 32 x 1.15mm (LB) or 0.55mm (NLB). Studs are placed at 600mm centres maximum. Nogs are only required at horizontal joints. Walls are separated by minimum 25mm.

## Wall Height

Wall may be maximum 3.6 metres high with studs at 600mm centres. Framing dimensions and wall height are determined by NZS4203 stud tables for loadbearing partitions.

## Lining

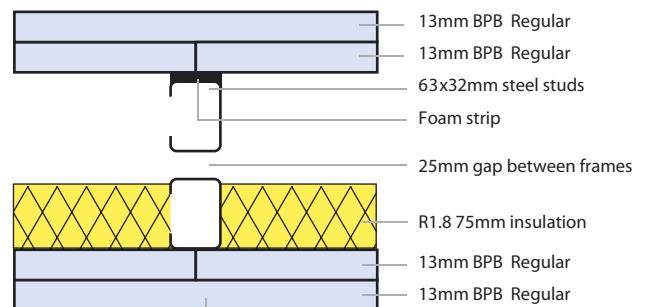
Two layers of 13.0mm BPB Regular fixed each side of steel framing over Soundstop fire resistant foam tape to one side only. Use full-length sheets where possible.

## Fixing

Fix inner and outer layers at minimum 300mm centres to perimeter of sheets and to intermediate studs and nogs. Horizontal and vertical fixing permitted. Sheet joints staggered between layers. All vertical sheet edges must be made over solid framing.

## Acoustic Control

All framing faces on one side of the frame must be covered with Soundstop fire resistant foam tape. Wall cavities must be filled with INZ fibreglass noise control blanket or other insulation of equivalent performance between studs. Place a bead of acoustical sealant to the perimeter of the first layer and bed the second layer to the bead.



Fasteners	Drywall Screws
	12mm from sheet edge
Inner 13mm	40mm x 6g Bugle head
Outer 13mm	50mm x 7g Bugle head

## Soundstop Foam Tape

Fix Soundstop fire resistant foam tape to one side of framing face only. When fixing plasterboard ensure compression of Soundstop is no less than 1.5mm and no greater than 3mm.

## Jointing

All fastener heads stopped and all sheet joints reinforced with paper jointing tape to outside layer only and stopped in accordance with AS/NZS 2589.1.

