E2TL30S

Single **T**imber Frame Wall with
Simultaneous Fire Exposure on Both sides

Load Bearing | Simultaneous

2 Layers: 1 Layer of Plasterboard to each side of frame

System Number	Lining Suffix	Fire Rating	Load Bearing Ability	Noise Control		Lining Requirement
				STC	Rw	
E2TL30S	**-F26**	30/-/-	LB	38	37	1 x 13mm EPB FireSmart® on One Side 1 x 13mm EPB FireSmart® to Other Side

Framing

Framing to comply with relevant sections and clauses of NZBC B1: Structure and NZBC B2: Durability.

Studs at 600mm centres maximum.

Nogs at 1000mm centre maximum.

Wall Height, Load and Framing Dimensions

These are determined by NZS3604 stud tables for load bearing or non-load bearing partitions.

Plasterboard Lining

NB: The installer must look for the Product Identification Code on the face paper to ensure the correct board type is installed. Refer to the Face Paper Product Identification Code table on this page.

One layer of 13mm EPB FireSmart® lining on each side of the timber framing. Vertical or Horizontal fixing permitted. Use full height or full length sheets where possible.

For Vertical Fixing- the vertical sheet joints must be offset on the opposite side of the frame.

For Horizontal Fixing- the horizontal sheet joints on the opposite side of the frame can be formed over the same row of nogs.

Sheet end butt joints- must be formed over framing, offset from opposite side of the frame.

All sheet joints must be fixed over solid timber framing.
Sheets shall be touch fitted.

Fixing of Linings

Fasteners

System Number	Side One	Side Two
	High Thread Drywall Screws	
E2TL30S-F26	13mm	13mm
	41 x 6g	41 x 6g

Fastener Centres

Fix at 300mm centres at sheet perimeters and on top and bottom plates. And 300mm centres up all studs.

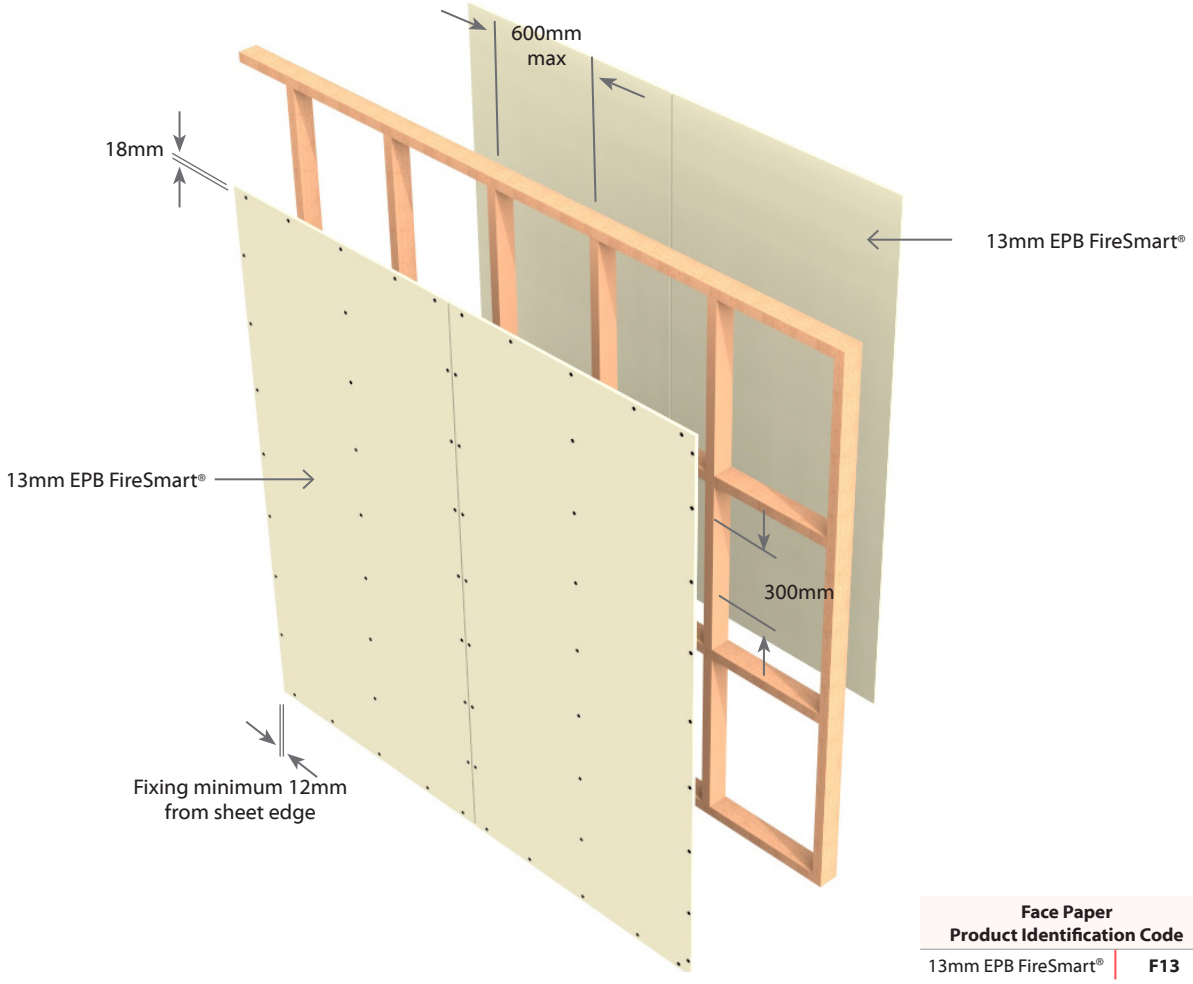
Place fasteners 50mm from sheet corners along the top and bottom plates. On end studs place additional fasteners 50-60mm vertically and no close than 10mm from plate to stud connections.

Place fasteners no closer than 12mm from the sheet edges and 18mm from sheet ends.

Place fasteners at 200mm centres where sheet end butt joints occur.

Jointing

All fastener heads stopped and all sheet joints reinforced with paper jointing tape and stopped. All in accordance with EPB® Plasterboard Installation Guide.



Face Paper Product Identification Code	
13mm EPB FireSmart®	**F13**