

4 Layers: 2 Layers of Plasterboard to each side of frame

| System Number | Lining Suffix | Fire Rating | Load Bearing Ability | Noise Control | | Lining Requirement |
|---------------|---------------|-------------|----------------------|---------------|----|--|
| | | | | STC | Rw | |
| E4TL60 | -F40 | 60/60/60 | LB | 42 | 41 | 2 x 10mm EPB FireSmart® on One side 2 x 10mm EPB FireSmart® to Other side |
| | -S46 | 60/60/60 | LB | 42 | 41 | 1 x 10mm and 1 x 13mm EPB® Standard on One side 1 x 10mm and 1 x 13mm EPB® Standard on Other side |
| | -MS40 | 60/60/60 | LB | 42 | 41 | 1 x 10mm EPB® Standard and 1 x 10mm EPB MultiSmart® on One side 1 x 10mm EPB® Standard and 1 x 10mm EPB MultiSmart® on Other side |
| | -S52 | 60/60/60 | LB | 43 | 42 | 2 x 13mm EPB® Standard on One side 2 x 13mm EPB® Standard 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 1200mm 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.

Two layers of EPB® Plasterboard lining as per specified system above 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 and staggered between layers.

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

Optionally, inner layers can be fixed vertically and outer layers fixed horizontally.

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

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

Fixing of Linings

Fasteners (As per Specified System Above)

| System Number | Side One | | Side Two | |
|--------------------|----------------------------|-----------------------|-----------------------|-----------------------|
| | 1 st Layer | 2 nd Layer | 1 st Layer | 2 nd Layer |
| | High Thread Drywall Screws | | | |
| E4TL60-F40 | 10mm | 10mm | 10mm | 10mm |
| E4TL60-MS40 | 41 x 6g | 51 x 7g | 41 x 6g | 51 x 7g |
| E4TL60-S46 | 10mm | 13mm | 10mm | 13mm |
| | 41 x 6g | 51 x 7g | 41 x 6g | 51 x 7g |
| E4TL60-S52 | 13mm | 13mm | 13mm | 13mm |
| | 41 x 6g | 51 x 7g | 41 x 6g | 51 x 7g |

Fastener Centres

Inner Layer: Fix 600mm centres at sheet perimeters and on top and bottom plates. Fix at 600mm up each stud

Outer Layer: Fix at 300mm centres at sheet perimeters and on top and bottom plates and 300mm centres up each stud.

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

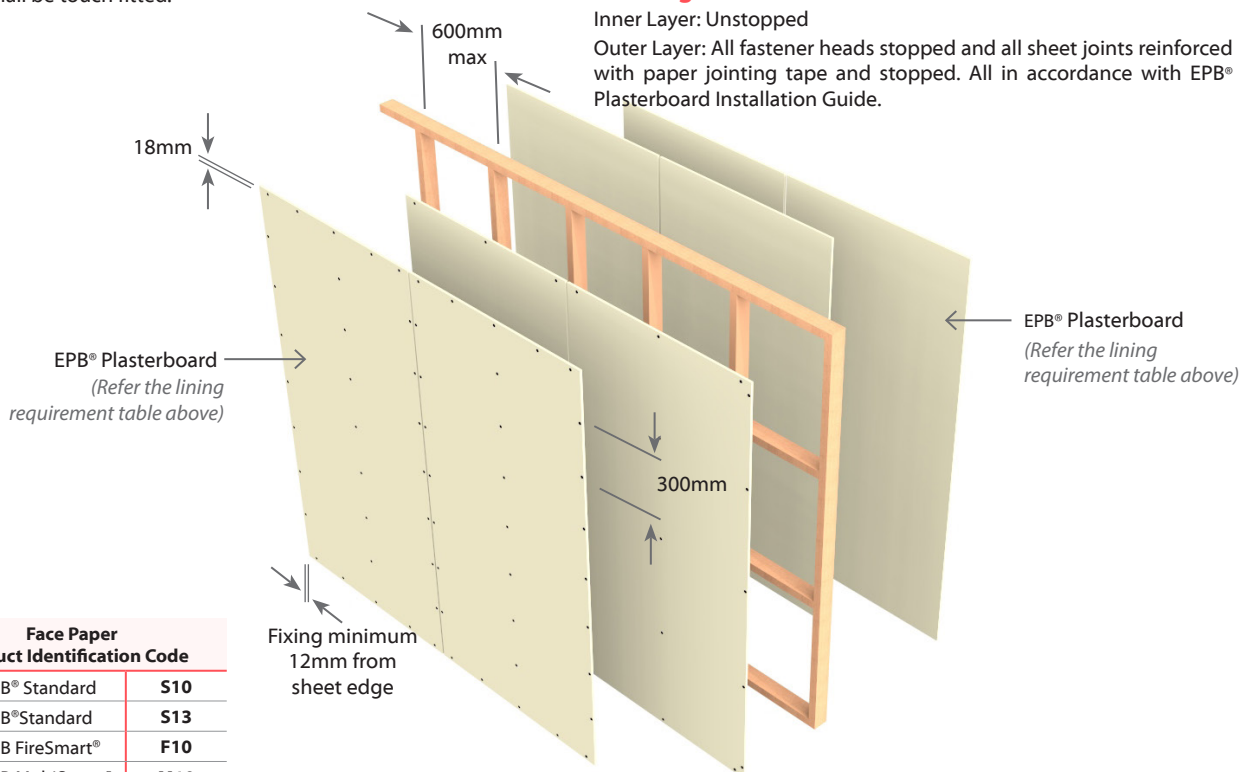
Place fasteners no closer than 12mm from the sheet edges and 18mm from sheet ends.

Place fasteners at 200mm centres where sheet end butt joints occur. Avoid outer layer screws from hitting inner layer screws.

Jointing

Inner Layer: Unstopped

Outer Layer: 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 | |
|--|------------|
| 10mm EPB® Standard | S10 |
| 13mm EPB® Standard | S13 |
| 10mm EPB FireSmart® | F10 |
| 10mm EPB MultiSmart® | M10 |

