

E2SL15

Single Steel Frame

Load Bearing

Two Way FRR

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 | |
| E2SL15 | -S26 | 15/15/15 | LB | 35 | 34 | 1 x 13mm Elephant Standard on One side 1 x 13mm Elephant Standard to Other side |

Framing

Any steel frame designed to meet structural criteria for strength and serviceability under dead and live loads. Stud width shall be 35mm minimum. Stud spacing at 600 centres maximum. Frame heights as determined by specific design.

Plasterboard Lining

One layer of 13mm Elephant Standard lining on each side of the steel 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 must be formed over nogs and must be offset on the other side of the frame.

Sheet end butt joints- must be formed over framing and staggered. Offset joints from opposite side of the frame.

All sheet joints must be formed over framing.

The layers are fixed hard to the floor.

Sheets shall be touch fitted.

Fixing of Linings

Fasteners

| System Number | Side One | Side Two |
|-----------------------------|--------------|----------|
| | Single Layer | |
| Self-Tapping Drywall Screws | | |
| E2SL15-S26 | 13mm | 13mm |
| | 25 x 6g | 25 x 6g |

Fastener Centres

Fix at 300mm centres up each stud with no fixing to top and bottom track sections.

Place fasteners no closer than 12mm to the sheet edge and 50mm 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 the Elephant Plasterboard Installation Guide.

