

**E2SL30**

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	
E2SL30	-M26	30/30/30	LB	37	36	1 x 13mm Elephant MultiSmart on One side 1 x 13mm Elephant MultiSmart to Other side
	-F32	30/30/30	LB	37	36	1 x 16mm Elephant FireSmart on One side 1 x 16mm Elephant FireSmart 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 Elephant Plasterboard lining as per specified system above 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 (As per Specified System Above)

System Number	Side One	Side Two
	Single Layer Self-Tapping Drywall Screws	
E2SL30-M26	13mm	13mm
	25 x 6g	25 x 6g
E2SL30-F32	16mm	16mm
	32 x 6g	32 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.

