E1UW15 Universal Timber or Steel Frame Wall | Load Bearing | One Way FRR

1 Layer: 1 Layer of Plasterboard to one side of frame (Fire side)

System Number	Lining Suffix	Fire Rating	Load Bearing Ability	Noise Control		Lining Requirement	Cladding (Required)
				STC	Rw		
E1UW15	**-S13**	15/15/15	LB	N/A	N/A	1 x 13mm Elephant Standard on One side	Any Cladding

Framing

Timber or Steel Frame designed to meet durability and structural criteria for strength and serviceability under dead and live loads.

Studs at 600mm centres maximum.

Stud width to be a minimum of 35mm.

Cavity depth to be a minimum of 90mm.

Wall Height , Load and Framing Dimensions

Timber frame : Refer to NZS3604 stud tables for height and framing dimensions of load bearing and non-load bearing partitions.

Steel frame : Refer to specific designs.

Exterior Cladding

The Exterior wall must be clad with a suitable weathertight material. E.g. Brick Veneer, fibre cement sheeting, timber weatherboards etc

Plasterboard Lining (Fire side)

One layer of 13mm Elephant Standard lining on one side of the framing. Vertical or Horizontal fixing permitted. Use full height or full length sheets where possible.

For Horizontal Fixing- the horizontal sheet joints must be formed over nogs.

Sheet end butt joints- must be formed over framing.

All sheet joints must be fixed over framing.

For steel frame, linings are fixed hard to the floor.

Sheets shall be touch fitted.

Fixing of Linings

Fasteners

System Number	Timber Frame	Steel Frame
	High Thread Drywall Screws	Self-Tapping Drywall Screws
E1UW15-S13	13mm	13mm
	32 x 6g	25 x 6g

Fastener Centres

Timber or Steel Frames: Fix at 300mm centres up each stud.

Place fasteners no closer than 12mm from 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 Elephant Plasterboard Installation Guide.