

EJS1FC60

Elephant Plasterboard & James Hardie Secura™ Interior Flooring

Floor/Ceiling - Timber Joist

Load Bearing

System Number	Lining Suffix	Fire Rating	Noise Control		Lining Requirement
			STC	IIC	
EJS1FC60	-F16	60/60/60	46	33	1 x 16mm Elephant FireSmart under the frame 19mm James Hardie Secura™ Interior Flooring above the frame

Floor Framing

Timber floor joists shall comply with NZS3604 with a minimum depth of 190mm x 45mm and spaced at no more than 450mm centres.

Solid strutting at 1800mm maximum centres required.

Nogs fixed on the flat to receive the ends of flooring material shall be 100 x 50mm minimum.

Nogs fixed on the flat to receive the Elephant Plasterboard lining shall be 75mm x 50mm minimum.

Nogs or framing is required at the perimeter of the fire rated ceiling.

Refer to James Hardie Fire & Acoustic Design Manual.

Secura™ Interior Flooring

19mm Secura™ Interior Flooring, fixed to the joists at 200mm centres using 50 x 2.8mm round head nails.

25mm minimum distance from tongue and groove

12mm minimum edge distance

Also refer to James Hardie Secura Interior Flooring Installation Manual.

Elephant Plasterboard Lining

One layer of Elephant Plasterboard as per specified system above fixed at right angles directly to the underside of floor joists.

All joints must occur on joists and solid blocking. Sheets to be touched fitted.

Fixing of Elephant Plasterboard Internal Linings

Fasteners

51mm x 7g High Thread Drywall screws

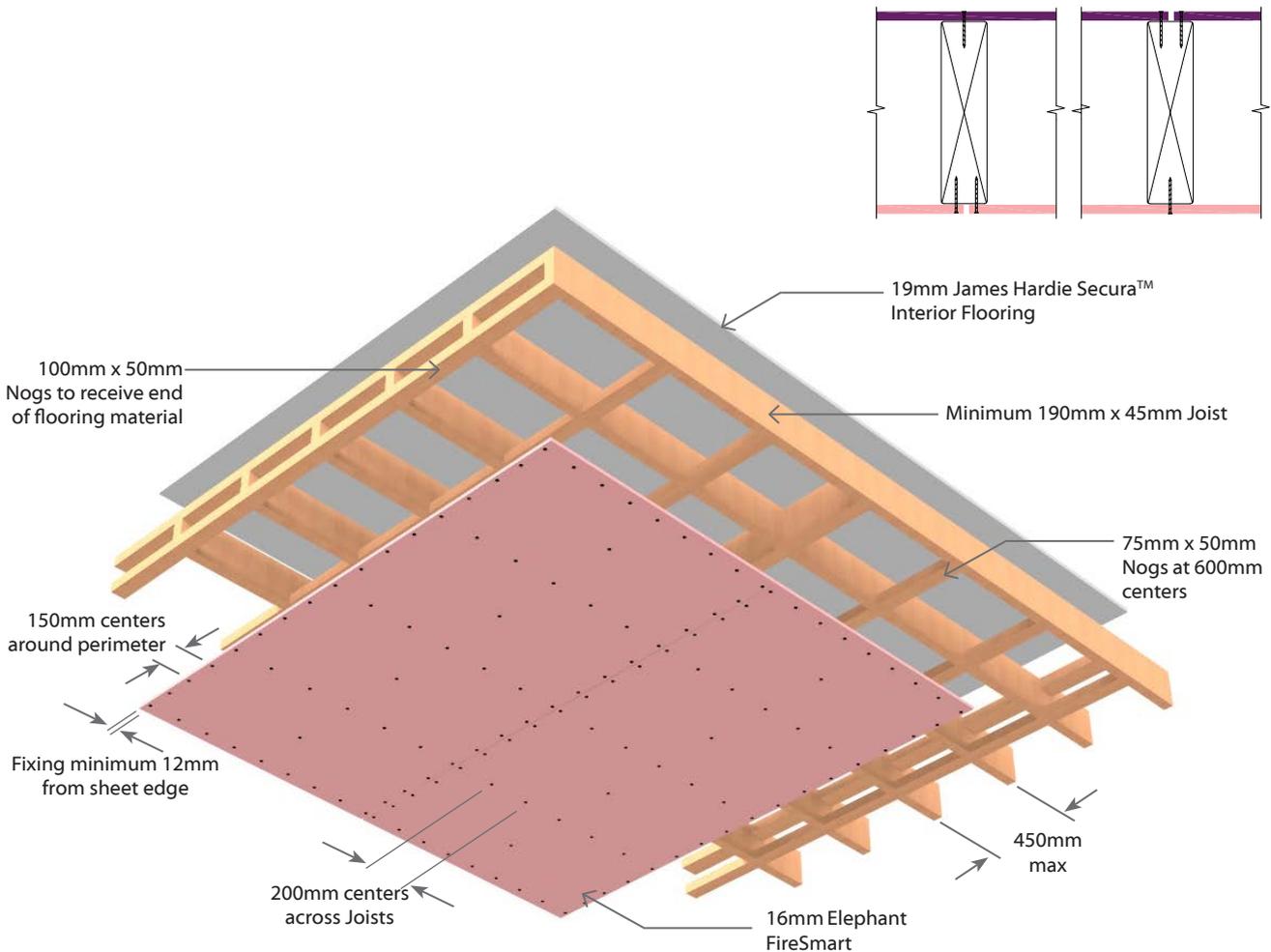
Fastener Centres

Fix at 150mm centres around the sheet perimeter and intermediate joists.

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

Jointing and Finishing of Elephant Plasterboard

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



N.B. The above drawings are for illustrative purposes only.

