

EJS1FC60

EPB Plasterboard & James Hardie Secura™ Interior Flooring

Floor/Ceiling - Timber Joist

Load Bearing

System Number	Lining Suffix	FRR	Noise Control		Lining Requirement
			STC	IIC	
EJS1FC60	-F16	60/60/60	46	33	1 x 16mm EPB 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 EPB 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.

EPB 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.

One layer of 16mm EPB FireSmart 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 EPB Plasterboard Internal Linings

Fasteners

51mm x 7g High Thread Drywall screws

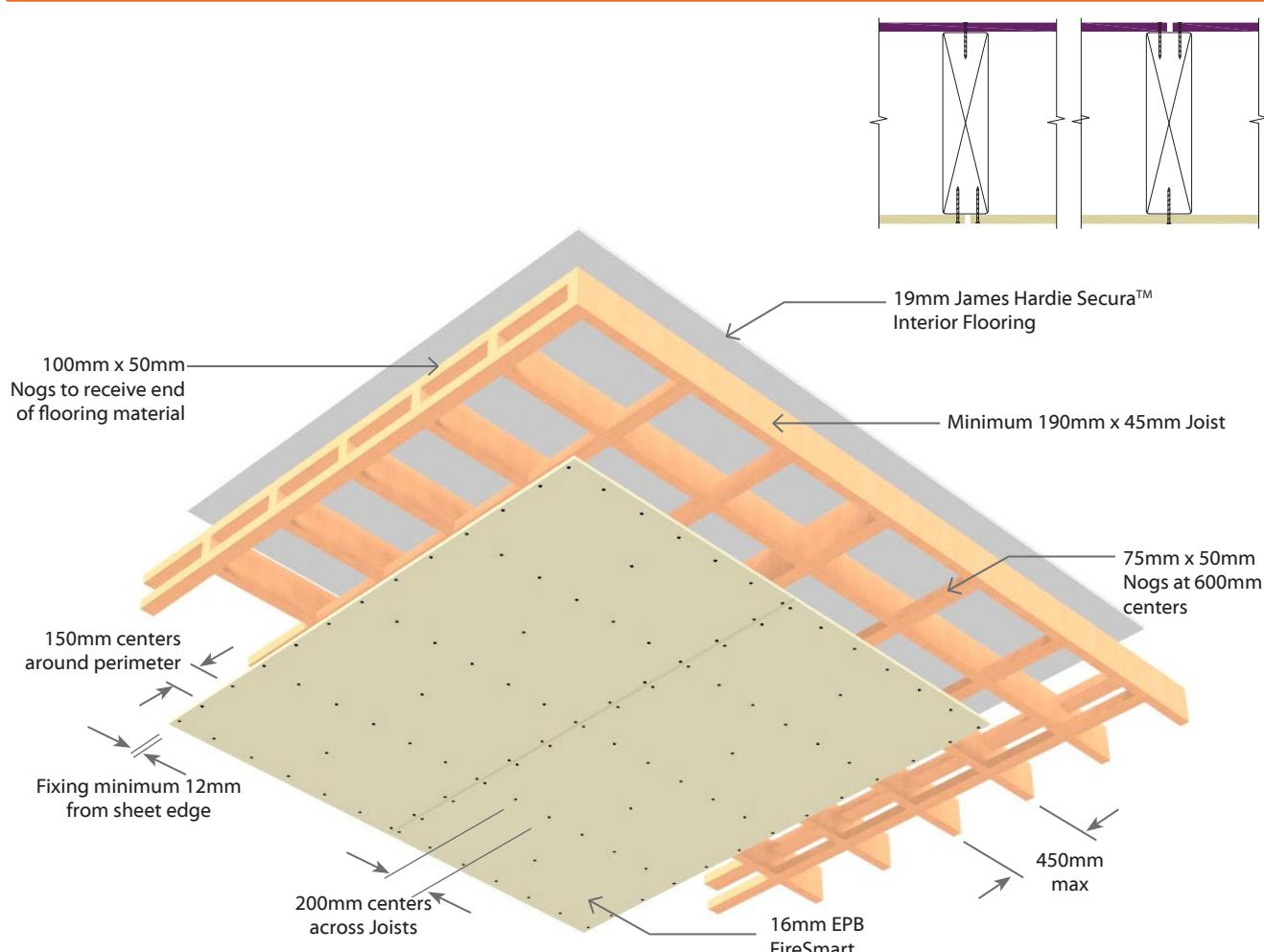
Fastener Centres

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 EPB Plasterboard

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



Face Paper
Product Identification Code
16mm EPB FireSmart | F16

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



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Version update: March 2025

79