

Roof/ceiling fire and acoustic rated systems (one way)

Product	BPB Plasterboard
System	Timber floor/ceiling system
System Number	TGDF30c
Fire Resistance Rating	30/30/30
Plasterboard System	2 Layers 13mm BPB Firestop

Framing

Roofing joists are Radiata pine and shall comply with NZS 3604:1990 or NZS 3603:1993. Joists shall be a minimum size of 250mm x 50mm and spaced at no more than 600mm centres. Blocking should be fixed at a maximum of 1800mm centres including the edges of the ceiling.

Flooring

Not Applicable

Steel Furring Channel

Steel furring channels separately designed for serviceability criteria, are spaced at a maximum of 600mm centres and fixed to the joists with direct fix clips at a maximum of 1200mm centres.

Lining

Two layers of 13.0mm BPB Firestop fixed directly across the furring channels. All butt joints must occur on furring channels.

Fixing

Ceiling sheets shall be fixed at 200mm centres along each furring channel. Stagger all sheet joints between Layers

Insulation

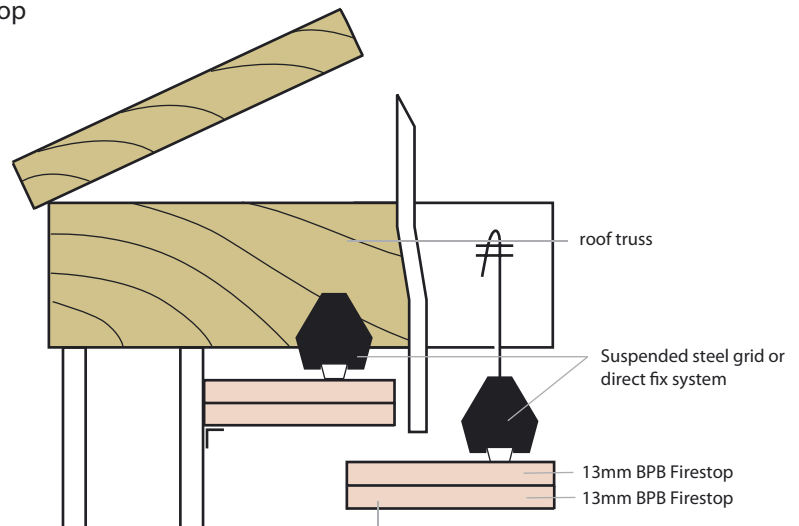
R1.8 Insulation to be laid over the ceiling lining.

Corners

The internal joint between ceiling and walls shall be protected by plasterboard coving or a tape reinforced corner.

Jointing

All fastener heads stopped and all sheet joints reinforced with paper jointing tape to outside layer only and stopped in accordance with AS/NZS 2589.1.



Fasteners	Drywall Screws
Inner 13mm	12mm from sheet edge
Outer 13mm	40mm x 6g Bugle head
	50mm x 7g Bugle head