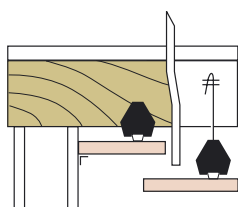


# Summary Table - Floor/Ceiling Systems

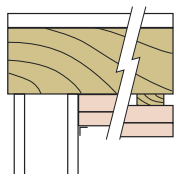
## Floor/ceiling systems

### Construction

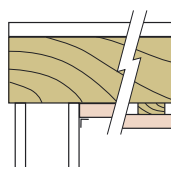
- Flooring joists to comply with NZ3604 or NZS3603.
- Flooring shall be nominal 20mm thick particle board or 19mm thick flooring grade plywood and fixed as per manufacturers instructions. Nogs fixed on flat to receive edges of particleboard should be minimum 100 x 50mm.
- Corners The internal joint between ceilings and walls shall be protected by plasterboard coving or a tape reinforced corner.
- All fastener heads stopped and all sheet joints reinforced with paper jointing tape and stopped in accordance with AS/NZS 2589.1
- Place a bead of fire and acoustic sealant to the perimeter of the first layer and bed the second layer to the bead.



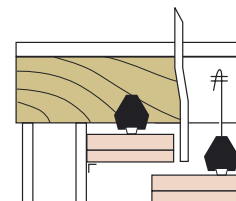
3 One layer of board fixed directly across the furring channels. Butt joints must occur on furring channels. Fasten with Bugle head, Drywall Screws, 13mm: 40mm x 6g



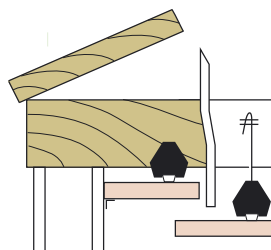
4 Two layers of board fixed directly to the underside of floor joists or ceiling battens offset. Butt joints must occur on furring channels. Fasten with Bugle head, Drywall Screws, Inner 16mm: 40mm x 6g Outer 13mm: 50mm x 7g



1 One layer of board fixed directly across underside of floor joists or ceiling battens. Fasten with Bugle head, Drywall Screws, 13mm: 40mm x 6g



2 One layer of board fixed directly across the furring channels followed by one outer layer offset. Butt joints must occur on furring channels. Fasten with Bugle head, Drywall Screws, Inner 10mm: 32mm x 6g Inner 13mm: 40mm x 6g Inner 16mm: 40mm x 6g Outer 13mm: 50mm x 7g



5 One layer of board fixed directly across the furring channels. Butt joints must occur on furring channels. Fasten with Bugle head, Drywall Screws, 13mm: 40mm x 6g

Fire Rating	Detail	BPB System	Fire Rating	Board	Layers	Thickness mm	Loadbearing	Floor Joists mm	Floor joist centres mm	Blocking centres mm	Board Fixing centres mm	Weight of system per m <sup>2</sup> kg	STC Rating	Page
30	1	TGFC30	30/30/30	BPB Firestop	1	13	LB	200x50	600	1800	200	10.08	39	72
	2	TGDF30	30/30/30	BPB Firestop	2	10/13	LB	200x50	600	1800	200	17.84	49	73
	3	TGDF30a	30/30/30	BPB Firestop	1	13	LB	250x50	600	1800	200	10.08	39	74
	2	TGDF30a2	30/30/30	BPB Firestop	2	13	LB	250x50	600	1800	200	20.16	49	75
	5	TGDF30b	30/30/30	BPB Firestop	1	16	LB	250x50	600	1800	200	20.16		76
	5	TGDF30c	30/30/30	BPB Firestop	2	13	LB	250x50	600	1800	200	20.16		77
	2	TGD30	30/30/30	BPB Firestop	2	16/13	LB	250x50	600	1800	200	22.51	49	78
50	3	TGDF50	50/50/50	BPB Firestop	2	13	LB	250x50	400	1800	200	20.16	49	79
60	4	TGFC60	60/60/60	BPB Firestop	2	13/16	LB	250x50	600	1800	200	22.51	40	80