

Suspended grid

| Specification number | Performance | Specifications |
|----------------------|---|---|
| GBSC 30 | FRR 30/30/30 STC 48 Rw 47 IIC 43 | Lining 1 layer 13mm GIB Fyreline® (back-blocked) LB/NLB Load bearing |

FLOOR FRAMING

Timber floor joists complying with NZS 3604 spaced at 600mm centres maximum.

Alternatively, a proprietary I-joist system may be used subject to specific structural design and approval by the normal building consent process.

FLOORING

Minimum flooring shall be nominal 20mm oriented strand board or particle board, or minimum 17mm-thick structural plywood fixed to the joists in accordance with the manufacturers' specifications.

Flooring sheet joints must have a polypropylene tongue and groove jointer or be formed over framing.

SUSPENSION SYSTEM

Rondo® KEY-LOCK™ steel frame suspension system comprising 2.5mm wire hangers at 1200mm centres supporting top cross rails (part 128) spaced at 1200mm centres and furring channels (part 129) spaced at 600mm centres maximum.

Rondo Donn® ScrewFix™ steel frame suspension system comprising 2.5mm wire hangers at 1200mm centres supporting F38 strongback channels spaced at 1200mm centres and F37 furring channels spaced at 600mm centres maximum.

Direct or clip fixed GIB® Rondo® Ceiling Batten system with full perimeter channel supports.

Note: Suspension system must be installed in accordance with manufacturer's specification.

CEILING LINING

1 layer of 13mm GIB Fyreline® shall be fixed at right angles to the underside of the furring channels.

All sheet end butt joints must occur on the furring channels.

Sheets shall be touch fitted.

Joints formed by sheet edges shall be back-blocked between the furring channels with strips of 13mm GIB Fyreline®.

The width of the back-blocks shall be 300mm minimum and shall be adhered with GIB-Cove® Bond.

FASTENING THE LINING

Fasteners

25mm x 6g GIB® Grabber® Self Tapping Drywall Screws.

Fastener centres

Place fasteners 12mm from longitudinal sheet edges and 18mm from sheet ends. This distance may be reduced to 12mm from sheet ends at butt joints on furring channels.

Place fasteners at 200mm centres along each intermediate furring channel, around the ceiling perimeter and where sheet end butt joints occur.

WALL/CEILING JUNCTIONS

The internal angle between the ceiling and walls must be protected by GIB-Cove® adhered with GIB-Cove® Bond, or boxed corners (square stopped) filled and taped in accordance with the publication entitled "GIB® Site Guide".

JOINTING

All fastener heads stopped and all sheet joints tape reinforced and stopped in accordance with the publication entitled "GIB Site Guide".

