

## Suspended grid

Specification number	Performance	Specifications
<b>GBSC 60b</b>	<b>FRR</b> 60/60/60 <b>STC</b> 50 <b>Rw</b> 49 <b>IIC</b> 43	<b>Lining</b> 1 layer 16mm GIB Fyreline® <b>LB/NLB</b> 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 Xpress® Drywall Grid Ceiling System comprising 2.5mm wire hangers or XD50 wall angles at 1200mm centres maximum. Hangers support XD24 main tee at 1200mm centres maximum. XD21200 cross tees installed at 600mm centres. Install XD20600 cross tees at 1200mm centres, parallel with the main tee.

The distance between the underside of the flooring and the top of the ceiling linings shall be a minimum of 450mm.

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

### CEILING LINING

1 layer of 16mm GIB Fyreline® shall be fixed parallel to the main tees and positioned so tapered edges are located on cross tees.

All sheet end butt joints must occur on the suspension system.

Sheets shall be touch fitted.

### FASTENING THE LINING

#### Fasteners

32mm 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 cross tees.

Place fasteners at 150mm centres around the perimeter of each sheet and at 200mm centres to intermediate framing.

### 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".

