

## Universal ceiling systems

Specification number	Performance	Specifications
<b>GBUC 30</b>	<b>FRR</b> 30/30/30	<b>Lining</b> 1 layer 16mm GIB Fyreline® <b>LB/NLB</b> Load bearing

### FRAMING

Timber or steel roof or floor/ceiling framing designed to meet structural criteria for strength and serviceability under dead and live loads.

The separation distance between the ceiling linings and any flooring or roofing material shall be 90mm minimum.

Linings shall be supported by framing members with a minimum width of 35mm spaced at 600mm centres maximum.

Solid nogs shall be provided at 1200mm centres maximum and to the perimeter of the fire rated ceiling.

If timber-framed construction applies, the nogs shall be 70mm x 35mm minimum.

### CEILING LINING

1 layer of 16mm GIB Fyreline® shall be fixed at right angles to the underside of the framing members.

All sheet joints must occur over solid framing.

Sheets shall be touch fitted.

Alternatively, longitudinal sheet edges may be back-blocked using a 300mm-wide strip of 16mm GIB Fyreline® adhered with GIB-Cove® Bond in accordance with the procedure outlined in the current "GIB® Site Guide".

### FASTENING THE LINING

#### Fasteners

Timber frame	Steel frame
41mm x 6g GIB® Grabber® High Thread Drywall Screws	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 furring channels.

Place fasteners at 200mm centres around the sheet perimeters, along each intermediate framing member 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".

