

installation guide

Lafarge Steel Brandering

Steel Brandering should be installed as follows:

1. Steel Brandering sections must be fixed at 90 degrees to the roof trusses.
2. The suspension bracket to be fixed to the Tie-Beam by either nail or screw at maximum 1200mm centres and located into Lafarge Steel Brandering.
3. The brandering should be fixed at centres as indicated in table below.
4. The Jumbo® Ceiling Plasterboard should be fixed at 90 degrees to the Lafarge Steel Brandering: e.g. parallel to the roof trusses, with drywall screws spaced at maximum 150mm centres.
5. The Lafarge Steel Brandering system can be used with the 6.4mm Ceiling and H Jointing Strip or Flush Plastered ceiling system when 9.0 or 12.0mm ceiling boards are used.
6. The joiner section must be used to join two pieces of Lafarge Steel Brandering.
7. It is advisable to fix a 20 x 20 steel angle to the perimeter walls as a support for the Lafarge Steel Brandering and Jumbo® Plasterboard fixing, this will ensure a solid base for cornice fixing.

Note: Truss (Tie-Beam) spacing should not exceed 1 200mm.

Material Calculations for Lafarge Steel Brandering

A At 300mm centres 3.3 metres of Steel Brandering per m².

B At 400mm centres 2.5 metres of Steel Brandering per m².

C At 500mm centres 2 metres of Steel Brandering per m².

Allow for a Suspension Bracket at every fixing point spaced at maximum 1200mm centres.

(Total length of steel brandering divided by 1.2 equals the quantity of fixing brackets).

Allow for one Joiner for every length of Steel Brandering.

NB The above calculations will provide approximate quantities and does not allow for wastage. Installation of grid shall be in accordance with the manufacturers specification, as well as the guidelines laid out for SABISA (The South African Building Interior Sub-contractors Association).

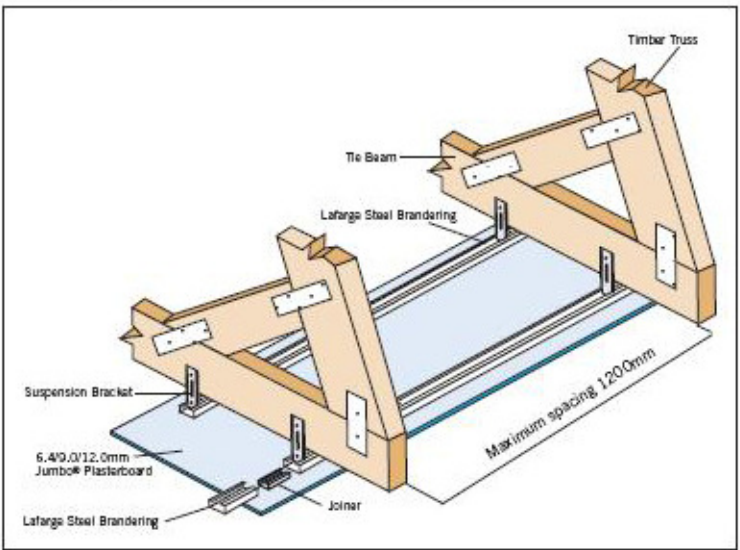


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Typical 3 Dimensional Construction Detail



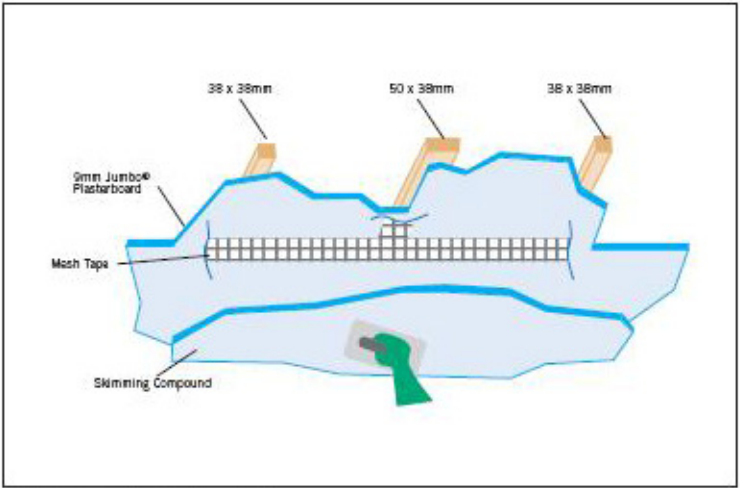
Lafarge Steel Branding

Product Code	Description	Product Length
GLBR	Steel Branding	2400mm / 2700mm 3000mm / 3600mm 4200mm
GLJR	Joiner	75mm
GLSB	Suspension Bracket	150mm

Steel Branding Centres

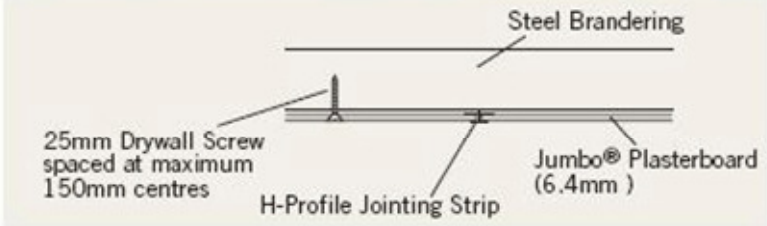
Type of ceiling	Branding Centres	Jumbo Board Fixing
6.4mm Jumbo Board H Jointing Strip Tape and Jointed	400mm centres in one direction only.	25mm Drywall Screws spaced at 150mm centres.
9mm Jumbo Board H Jointing Strip Tape and Jointed	500mm centres in one direction only.	25mm Drywall Screws spaced at 150mm centres.
9mm Jumbo Board Plastered Ceilings	400mm centres in one direction only.	25mm Drywall Screws spaced at 150mm centres.

Typical Jumbo® Skimmed Residential Ceiling

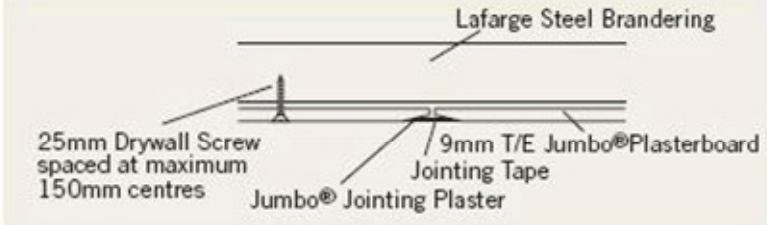


Sections not drawn to scale

Typical Joint Detail for 6.4mm Jumbo® Plasterboard Ceiling

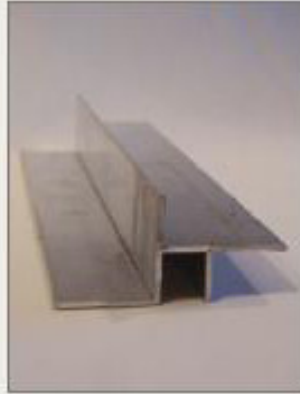


Typical Joint Detail for 9mm T/E Jumbo® Plasterboard Ceiling

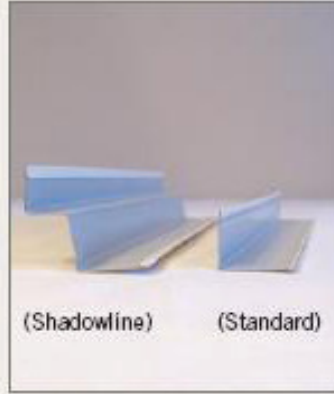




Steel Brandering Joiner



Plaster Ceiling Junction



Perimeter Trims



Steel Brandering and Junction

Junctions for Steel Brandering

T-Junction
L-Junction
Cross-Junction



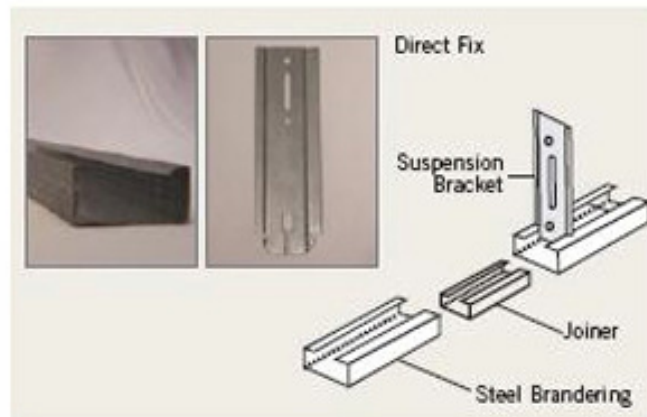
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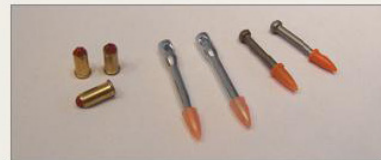
Lafarge Fixings



Wafer Tek Screw



Wood Screw



Shots and Pins



Jack-point Screws



Fluted Nails



Nail in Anchor



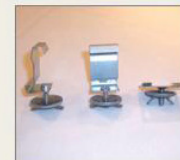
Hexagonal Bolt Screw



Steel Pop Rivets/
Wafer Tek Screws



Purlin Clip



Ceiling Grid Clips



Advertising Display
Hangers