



## steel brandering... the sensible solution for modern flush plastered ceilings

JUMBO® Steel Brandering is a modern, cost effective alternative to timber brandering for flush plastered ceilings and bulkheads. The beauty of JUMBO® Steel Brandering is the precision it allows due to the straightness and evenness of the profiles making this a preferred option for installers.

### Features and Benefits

- Eco-friendly alternative instead of using scarce timber resources
- Easy to install
- Levelling of the ceiling is an easy one step process
- Steel does not age, warp or deteriorate over time
- Steel has a longer-life span and is not susceptible to wood borer and other termites
- Cost effective
- Easy transportation, handling and stacking
- Easy to cut
- Minimal waste

JUMBO® Steel Brandering is increasingly being preferred to traditional timber brandering for flush plastered ceilings where designs are far more elaborate with varying levels, shadows and bulkhead features.

### Product Description

Description	Gauge of Steel (mm)	Profile Dimensions (mm)	Sizes Available
Steel Brandering	0.4	36 x 18	2.7, 3.0, 3.3, 3.6, 4.2
Suspension Bracket	0.8	45 x 150 / 45 x 300	150 / 300 mm
Joiner			75 mm

JUMBO® Steel Brandering is fitted perpendicular to the roof trusses by means of suspension brackets which are available in lengths of 150mm and 300mm (which accommodates large shadowline trims).

Swaged ends of the steel allow the profiles to be fitted together without the need for joiners. This interlocking feature allows for surface movement without the formation of any cracks forming in the ceiling.

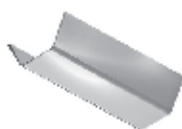
Joiners are available and can be used where cut ends are unavoidable.



Suspension Bracket



Steel Brandering



Joiner

### JUMBO® Insulation Required to meet SANS 10400-XA & SAN 204 Requirements (mm)

Ceiling System	Board Thickness (mm)	Finish	Steel Brandering spacing (mm)	Climatic Zone					
				1	2	3	4	5	6
7mm JUMBO® H-Strip	7	H-Strip	400						
7mm JUMBO® Flush	7	Flush Plastered	300						
9mm JUMBO® Jointed	9	Tape & Join	500	135	115	100	135	100	135
9mm JUMBO® Flush	9	Flush Plastered	400						
12mm JUMBO® Jointed	12	Tape & Join	600						
12mm JUMBO® Flush	12	Flush Plastered	600						
PVC Ceilings	8	None	500						

	Fixing Centres		
	300 mm	400 mm	500 mm
Metres of Steel Brandering per m <sup>2</sup> of ceiling	3.3	2.5	2

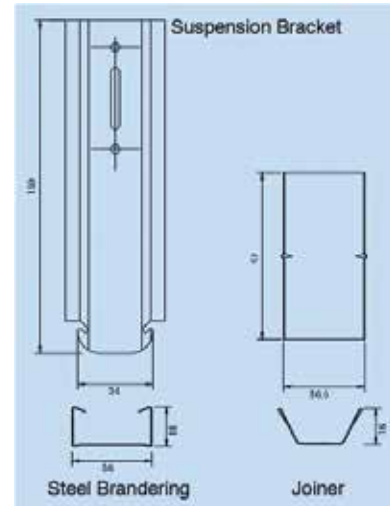
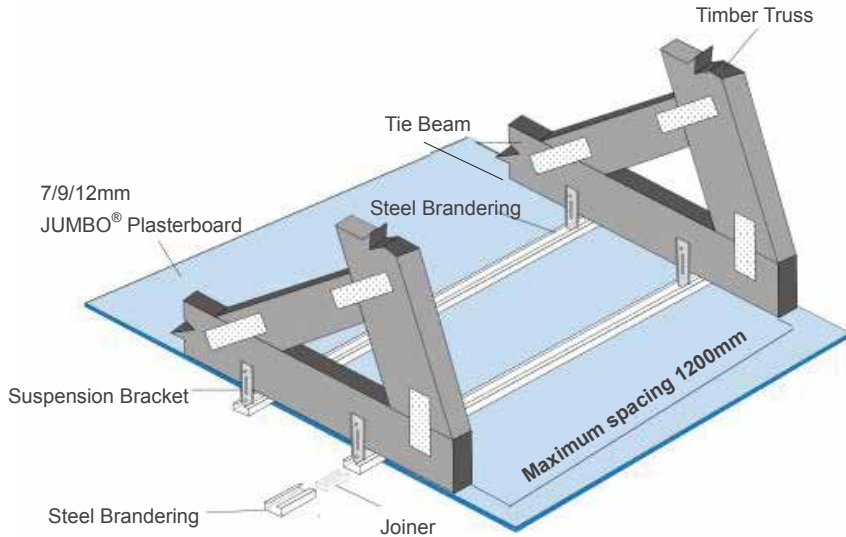
NB: Maximum tie beam / joist spacing shall not exceed 1200mm

The above calculations will provide approximate quantities and do not allow for wastage.

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



### Typical 3 Dimensional Construction Detail



\* sections not drawn to scale

### Bill of Quantity Specification

#### 7mm JUMBO® H-Strip Ceiling System

Fix one layer of 7mm JUMBO® Plasterboard to JUMBO® Steel Branderings installed at maximum 400mm centres. Fix JUMBO® Plasterboard using 25mm JUMBO® Drywall Screws at maximum 150mm centres. All joints shall be staggered. Install H-strips and spot the screw heads using JUMBO® Jointing Plaster. Ceiling grid consisting of JUMBO® Suspension Brackets (150/300mm) fixed to tie beam/joist using 35mm Drywall Course Thread Screws. Install 25 x 25mm Galvanised Steel Angle at ceiling level to the wall. Install JUMBO® Steel Branderings onto the suspension brackets. Fix JUMBO® Steel Branderings to the galvanised steel angle using 13mm Wafer Tek Screws.

#### 9/12mm JUMBO® Tape & Join Ceiling System

Fix one layer of 9/12mm JUMBO® Plasterboard to JUMBO® Steel Branderings installed at maximum 500/600mm centres. Fix JUMBO® Plasterboard using 25mm JUMBO® Drywall Screws at maximum 150mm centres. All joints shall be staggered. Apply JUMBO® Fibre Tape to all joints and cover it with 2 layers of JUMBO® Jointing Plaster. Ceiling grid consisting of JUMBO® Suspension Brackets (150/300mm) fixed to tie beam / joist using 35mm JUMBO® Drywall Course Thread Screws. Install 25 x 25mm Galvanised Steel Angle at ceiling level to the wall. Install JUMBO® Steel Branderings onto the suspension brackets. Fix JUMBO® Steel Branderings to the galvanised steel angle using 13mm Wafer Tek Screws.

#### 7/9/12mm JUMBO® Flush Plastered Ceiling System

Fix one layer of 7/9/12mm JUMBO® Plasterboard to JUMBO® Steel Branderings installed at maximum 300/400/600mm centres. Fix JUMBO® Plasterboard using 25mm JUMBO® Drywall Screws at maximum 150mm centres. All joints shall be staggered. Apply JUMBO® Fibre Tape to all joints and skim the ceiling with JUMBO® Skimming Plaster. Ceiling grid consisting of JUMBO® Suspension Brackets (150/300mm) fixed to tie beam / joist using 35mm JUMBO® Drywall Course Thread Screws. Install 25 x 25mm Galvanised Steel Angle at ceiling level to the wall.

Install JUMBO® Steel Branderings onto the suspension brackets. Fix JUMBO® Steel Branderings to the galvanised steel angle using 13mm Wafer Tek Screws.

All installations to be done in accordance with SABISA guidelines. Specifications are available on Autospec and our website.

A full list of stockists is available on the Contacts Page of our website.