



**STEELHAUS**

Creative | Strong | Cost Effective

# 35mm CEILING BATTEN

35mm Ceiling Battens by Steelhaus provide a stable substrate for gypsum board, plywood, fibre cement and metal ceilings.

The battens can also be installed to provide wall strapping to C Purlin structures, concrete block or tilt slab walls.

## Product Features

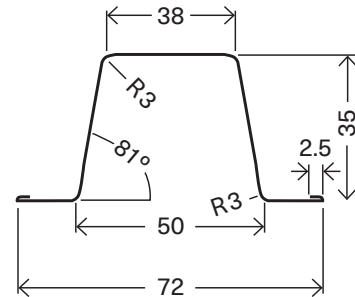
- Spans up to 1700mm at 400mm centres for 10mm plasterboard
- Spans up to 1300mm at 600mm centres for 13mm plasterboard
- Lightweight at 0.436kg/m
- Lapped joints reducing cutting on site
- Dimensionally stable, straight consistently gauged giving a better finish to you ceiling
- Can be installed direct fix or by way of our 90mm Hanger Bracket
- Simple trim angle end fixing where battens pass over walls
- No more cracked ceilings due to expansion or contraction of battens
- They do not absorb moisture or promote the growth of mould
- 100% recyclable

## Durability

35mm Ceiling Battens are made from 0.55mm G250 grade steel in either Z275 Galv or AZ150 Alu Zinc coating as per the NASH Standard Part 2 for Steel Framing.

They can be easily cut with tin snips which ensures the protective coating remains on cut ends.

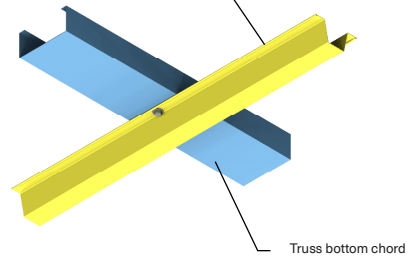
Battens can remain exposed for up to 12 weeks on site without compromising the durability statement for the coating and without any worries that they will warp or twist.



CB35 x 0.55mm Ceiling Batten  
Available ex stock in 4.800m lengths or run to order

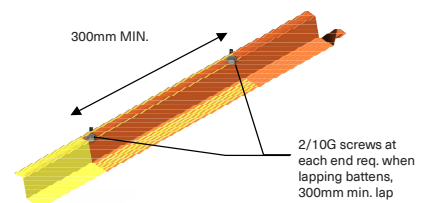
### Ceiling Batten to Truss Connection

35mm ceiling batten fixed to underside of truss bottom chords with 2/10G screws per connection



### Ceiling Batten Joint (not on truss)

300mm MIN.



2/10G screws at each end req. when lapping battens, 300mm min. lap



## Ceiling Battens

35mm Top Hat Section

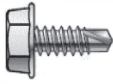






Proprietary ceilings with 0.5kPa Live Load

Table of max span vs. Spacings

*Figs based on  
Deflected L/500*

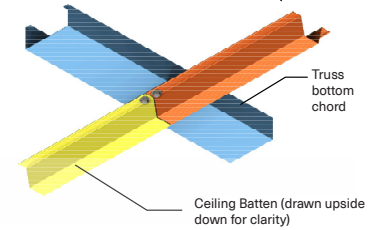
Gypsum Ceiling (thickness in mm)	Section Spacings (mm)		
	400 Span (m)	450 Span (m)	600 Span (m)
10mm gib Ceilings	1.7	1.5	1.4
13mm gib Ceilings	1.5	1.4	1.3
16mm gib Ceilings	1.4	1.4	1.2
20mm gib Ceilings	1.3	1.3	1.2

## Batten Accessory List

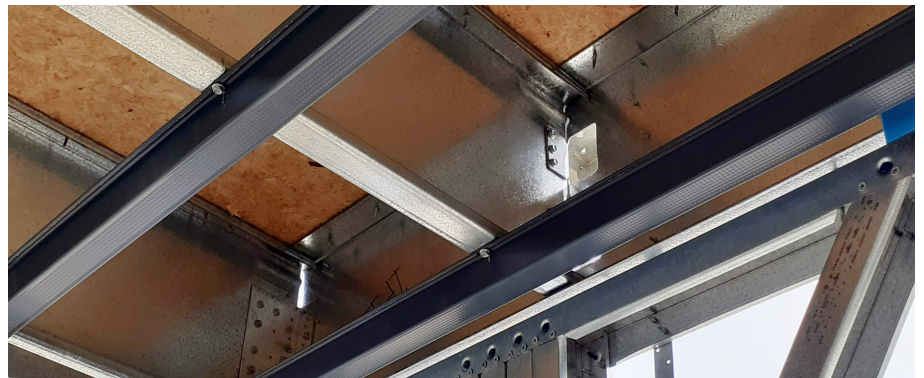
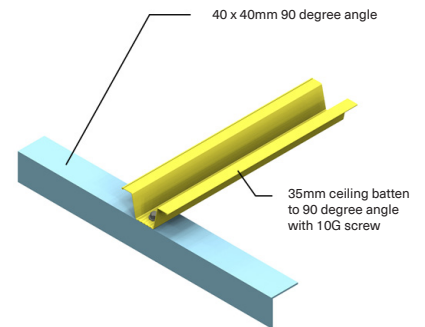
Description	Image	Features/Use
10-16x16mm Hex Head Tek Screw		Metal Drill Point 5/16 Hex Head General fixing screw connecting batten to truss bottom chord or underside of joist. Class 4 finish.
Unitite 6-14x35mm Hex Hd Tek Screw		Steel and timber drill point 5/16 Hex Head. Ceiling batten Face fixing steel to single layer of timber. Class 5 finish.
10-16x16mm Flat Head Tek Screw		Metal Drill Point Ph2 Head Flush/low profile head for under plaster lining situations Class 4 finish.
40x40x0.75mm Angle		Used around the perimeter of ceiling battens, in wall intersections where there is no stud, soffit nogging.
90mm Hanger Bracket		90mm Hanger bracket, used to drop the ceiling batten where the structure above is not level.
WELL-HUNG		WELL-HUNG Support Bracket.
Truss Block		Provides R0.25 thermal break between bottom chord of truss and top plate of the wall.

## Ceiling Batten Joint (on truss)

35mm ceiling batten fixed to underside of truss bottom chords with 2/10G screws per each connection



## Ceiling Batten to 90° Bend Angle



ENVIRONMENTAL

Steelhaus is proud to be associated with and stand alongside these trusted industry names. As chartered members of the **Sustainable Steel Council** we are fully committed to a cleaner, more efficient industry and support New Zealand's low emissions future.

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Proudly made in NZ

SUSTAINABLE STEEL COUNCIL

SENSITIVE CHOICE

NASH NATIONAL ASSOC. OF STEEL-FRAMED HOUSING INC.

Axxis STEEL FOR FRAMING

NEW ZEALAND STEEL



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