

SteelHaus 35mm Ceiling Batten

BPIR DECLARATION

Version 1.0 October 2023

Designated Building Product: Class 1

Declaration

SteelHaus 2014 Limited (SteelHaus) has provided this declaration to satisfy the provisions of [Schedule 1\(d\) of the Building \(Building Product Information Requirements\) Regulations 2022](#).

Company Details

| | |
|----------------|--|
| Name | SteelHaus 2014 Ltd |
| Role | Manufacturer/Supplier |
| NZBN | 9429041456583 |
| Address | 12 Hautu Drive, Wiri, Auckland 2104 |
| Website | www.steelhaus.co.nz |
| Email | sales@steelhaus.co.nz |
| Phone | 0508 826 766 |

Description of building product

The Steelhaus 35mm Ceiling batten provides a stable substrate for Gypsum board, Plywood, Fibre Cement and Metal ceilings. The batten can be installed direct fix to the underside of joists, trusses, rafters or C Purlins. Where the structure requires a drop ceiling, or the structure is not level or straight the ceiling batten can be installed using our 90mm Batten Brackets. The batten can also be installed on walls to provide strapping to Steel or Timber walls, C Purlin structures, or concrete block or tilt slab walls.

Steelhaus 35x38x72x0.55mm Ceiling Batten is roll formed and fabricated from 0.55mm G550 AZ150 grade Zinalume steel coil or 0.55mm G250 Z275 grade Galvanised steel coil supplied by Kiwi Steel Ltd. Supplied as 4.800m lengths or cut to length.

Featuring Knurled anti slip surface, rolled safety edges they are easy to handle and store. Lapped joints mean less wastage on site. Typically installed at 400mm, 450mm or 600mm centres. Spanning up to 1.200m at 900mm centres.

Associated products

- Trim Angle 40x40x0.75mm G250 Z275 Galv

- 90mm Batten Hanger Bracket

Steelhaus 35mm Ceiling Batten System is 100% recyclable.

Scope of use and limitations

| Scope | Limitation |
|---|---|
| In any calculated wind pressure (ULS) which includes up to and including extra high wind zone as defined by NASH Standard Part 2 Light Steel Framed Buildings | Specific design is required where the wind zone is greater than extra high or the calculated wind pressure is greater than 2.1 kPa. |
| Ceiling material shall be less than 17.5 kg/m ² as per section 13 of NZS3604:2011 | Specific design is required when the ceiling material is heavier than 17.5 kg/m ² . |
| In all seismic zones as defined in NASH Standard Part 2 Light Steel Framed Buildings | |

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|--|---|
| In all exposure zones as defined in NZS 3604:2011. | Where microclimatic conditions apply as defined in NZS 3604:2011, contact Steelhaus for technical advice. Fixing material must be in accordance with section 4 of NZS 3604:2011. |
| Any proximity to a relevant boundary. | • |

Building

| Scope | Limitation |
|--|---|
| For buildings covered by NASH Standard Part 2 Light Steel Framed Buildings 1.1.2 | Designed in accordance with NASH Standard Part 2 Light Steel Framed Buildings or specifically engineered. |

Building code obligations

The SteelHaus 35mm Ceiling Batten complies with or contributes to compliance with

| | Basis of compliance | |
|---|---|--|
| | Compliance statement | Demonstrated by |
| B1 Structure B1.3.1 B1.3.2 B1.3.3 (a, b, f, j, m, q) B1.3.4 (a, b, c, d, e) | ACCEPTABLE SOLUTION B1/AS1 9.1 NASH Standard Part 2 Light Steel Framed Buildings | Steel in accordance with AS 1397:2021 and section properties conform with NASH Standard Part 1 Appendix G. |
| B2 Durability B2.3.1(a) B2.3.2(a) | ACCEPTABLE SOLUTION B2/AS1 3.6.2 Light steel framing & 3.6.3 Modifications to NASH Standard Part 2 Buildings | Steel in accordance with AS 1397:2021, cited in NASH Standard Part 2 Section 3.2 Chemical composition of steel tested to ASTM E415:2017 and JIS G1253:2002 [New Zealand Steel, 05/08/2021, 02/06/2020]. |
| C3 Fire affecting areas beyond the fire source C3.7 (a) | ACCEPTABLE SOLUTION C/AS1 C/AS2 | Steel is defined in C/AS1 and C/AS2 as non-combustible. Non-combustible products achieve a material group number 1. |
| F2 Hazardous Building Materials F2.3.1 | ALTERNATIVE SOLUTION | Steel in accordance with AS 1397:2021, cited in NASH Standard Part 1:2016 [New Zealand Steel, 05/08/2021, 02/06/2020]. Use in accordance with manufacturer's safety requirements. |

Warnings or Bans

No

Conditions of use

Battens must be used in accordance with the information including intended purpose as documented by SteelHaus 2014 td. For supporting information refer to www.steelhaus.co.nz.

Responsible person

In accordance with [Regulation 8](#), as the responsible person I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm that SteelHaus as referred to in this statement is not subject to a warning or ban under [s26 of the Building Act](#).

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Signed for and on behalf of SteelHaus 2014 Ltd

Steven Cook

Steven Cook
BUSINESS MANAGER

August 2023

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