Date: August 2023

Product Disclosure Information – Company Assessment

Product Name: AJH, ABS, MPS, Joist and Bearer Supports
Product Category: Connectors
Product Identifier: UPC (Unique Product Code)

AJH45G-R24 - 707392025337
AJH45G-R8 - 707392025320
AJ45KIT - 707392025405
AJH50G-R24 - 707392025375
MPSKIT-R8 - 707392025412
ABS70G-R8 - 707392025436

1. Product Description

Hot Dipped Galvanised support brackets for different size joists and bearers.

2. Relevant Building Building Code Clauses Code Clauses

Simpson Strong-Tie products,
If designed, installed, and maintained in accordance with 3603 and 3604, meet the following provisions of the NZBC.

Clause B1 STRUCTURE: Performance B1.3.1, B1.3.2 and B1.3.4. Simpson Strong-Tie products meet these requirements for loads arising from self-weight, wind and impact [i.e. B1.3.3(a), (h) and (j)]. See Paragraphs 8.1 to 8.3.

Clause B2 DURABILITY: Performance B2.3.1 (b), 15 years and B2.3.2. Simpson Strong-Tie Products meet these requirements. See Paragraphs 9.1 to 9.3.
Clause E2 EXTERNAL MOISTURE: Performance E2.3.2. Simpson Strong-Tie Stainless Steel products meet this requirement. See Paragraph 10.1.

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. Simpson Strong-Tie meet this requirement and will not present a health hazard to people.

3. Contributions to Compliance

Refer to Simpson Strong-Tie (New Zealand) Limited Website (strongtie.co.nz) for details of the current technical literature for all Simpson Strong-Tie products. The Technical Literature must be read in conjunction with all aspects of design, use, installation and maintenance contained in the technical literature and within the scope of appropriate design, application and installation as per the relevant building code clauses within the current New Zealand Building Code. If certain products have been Branz Appraised, the appraisal will be found under the technical documents tab on the product information page or the relevant product.

4. Scope of use:

AJH - The AJH has been designed specifically to enable decks to easily be built over concrete slabs in areas where limited ground clearance is available. It is ideal for use when the step-down from your door to your concrete slab is between 100mm (minimum) and around 230mm (maximum).

MPS - The Multi Purpose Support (MPS) has been designed as a mid-sized support. The MPS has excellent adjustability, along with the strength and versatility to be used with either bearer or joist combinations, or with joists on their own.

ABS – The ABS are suitable for use where decks are typically from 300 to 600mm off the ground. These heights are achieved by using different height joists and bearers.

5. Conditions of Use

Installation Information: Installation Skill Level Requirements

Installation of Simpson Strong-Tie products must be completed by, or under the supervision of a qualified Licensed Building Practitioner. Installation instructions can be found on the Simpson Strong-Tie website, within applicable and appropriate literature associated with the relevant product.

6. Maintenance

Simpson Strong-Tie structural elements do not require regular maintenance as long as they are selected using our corrosion guidance tables. In exposed conditions, regular inspection of fixings and fasteners should be conducted. Corrosion information can be found on the website (www.strongtie.co.nz) or by following this link.
https://strongtie.co.nz/resources#corrosion-information

7. Supporting Documentation

Type: Technical Data Sheet (AJH)
Version: TDS-AJH-AUNZ 10.10.23
Web: https://strongtie.co.nz/products/ajh-adjustable-joist-support

Type: Technical Data Sheet (MPS)
Version: TDS-MPS-AUNZ 10.10.23
Web: https://strongtie.co.nz/products/mps-multi-purpose-support

Type: Technical Data Sheet (ABS)
Version: TDS-ABS-AUNZ 10.10.23
Web: https://strongtie.co.nz/products/abs-adjustable-bearer-support

8.
Company Contact Details

Importing Branch:	Simpson Strong-Tie New Zealand
Address:	52A Arrenway Drive Albany, Auckland 0632 New Zealand
Phone:	+64 9 477 4440
Website:	www.strongtie.co.nz

Manufacturing Branch:	Simpson Manufacturing Co Inc.
Address:	5956 W Positas Blvd, California, 94588-8540
Phone:	1 925 5609 000
Website:	www.simpsonmfg.com
Phone:	Please call NZ Head Office.

9.
Warnings and Bans

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?
No

10.
Safety:

F2 Hazardous building materials
F2.3.1
The quantities of gas, liquid, radiation or solid particles emitted by materials used in the *construction* of *buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

11.
Appendix – BPIR Ready Selections

B1 Structure

B1.3.1
Buildings, *building elements* and *site work* shall have a low probability of rupturing, becoming unstable, losing equilibrium, or collapsing during *construction* or *alteration* and throughout their lives.

B1.3.2
Buildings, *building elements* and *sitework* shall have a low probability of causing loss of amenity through undue deformation, vibratory response, degradation, or other physical characteristics throughout their lives, or during *construction* or *alteration* when the *building* is in use.

B1.3.3
Account shall be taken of all physical conditions likely to affect the stability of *buildings*; *building elements* and *site work*, including:

- (b) Imposed gravity loads arising from use
- (d) earth pressure
- (e) water and other liquids
- (f) earthquake
- (g) snow
- (h) wind
- (j) impact
- (q) time dependent effects including creep and shrinkage

11.
Appendix – BPIR Ready Selections

B1.3.4

Due allowances shall be made for:

- the consequences of failure,
- the intended use of the *building*,
- effects of uncertainties resulting from *construction* activities, or the sequence in which *construction* activities occur,
- variation in the properties of materials and the characteristics of the site, and
- accuracy limitations inherent in the methods used to predict the stability of *buildings*

B2 Durability

B2.3.1

Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

(a) The life of the building, being not less than 50 years, if:

- those *building elements* (including floors, walls, and fixings) provide structural stability to the *building*, or
- those *building elements* are difficult to access or replace, or
- failure of those *building elements* to comply with the *building code* would go undetected during both normal use and maintenance of the building