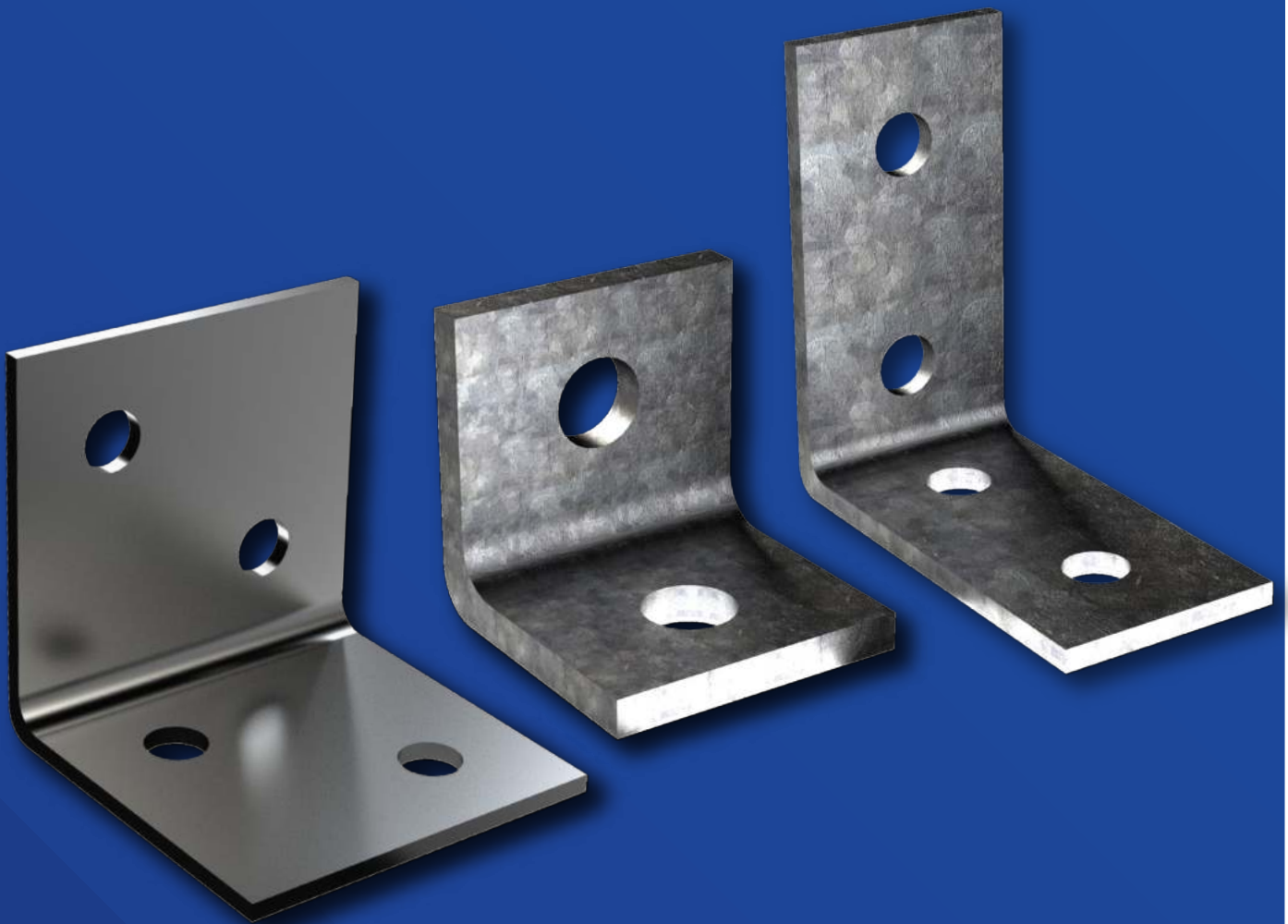


Build it better with
BREMICK®

BRACKETS

BUILDING PRODUCT
INFORMATION
SHEET



Contents

1.1 Product class	3
1.2 Product name	3
1.3 Product description and its intended use	3
1.4 Product identifier (if applicable)	3
1.5 Place manufactured (New Zealand or overseas)	3
1.6 Relevant Building Code clauses	3
1.7 Statement of how the building product is expected to contribute to compliance	4
1.8 Limitations on the use of the building product	5
1.9 Design requirements that would support the appropriate use of the building product	5
1.10 Installation requirements	6
1.11 Maintenance requirements	6
1.12 Building Act 2004 section 26 compliance	6
Appendix: Bremick Product Codes	7

1.1 Product class

Class 1: Batch or mass-produced products ¹

1.2 Product name

Product Type - Bremick Timber brackets

1.3 Product description and its intended use

Stainless steel and Galvanised Timber brackets for interior and exterior use in all NZS 3604 Exposure Zones and Wind Zones, subject to material selection.

1.4 Product identifier (if applicable)

Refer to Appendix for unique product listing

1.5 Place manufactured (New Zealand or overseas)

Manufactured overseas to strict Bremick specifications.

1.6 Relevant Building Code clauses

B1 Structure	Performance clauses B1.3.1, B1.3.2, B1.3.3 and B1.3.4
B2 Durability	Performance clauses B2.3.1 a) and B2.3.1 b)
C3 Fire Affecting Area Beyond the Source	Performance clause C3.7 a)
C6 Structural Stability	Performance clause C6.2
F2 Hazardous Building Materials	Performance clause F2.3.1

1.7 Statement of how the building product is expected to contribute to compliance

B1 Structure - B1.3.1, B1.3.2, B1.3.3 and B1.3.4

- *Fixings/fasteners contribute to the structural integrity of building elements. Compliance demonstrated through design to NZS 3604 and Specific Engineered Design.*

Compliance Pathway

Buildings up to 3 storeys ≤10m in height

Compliance demonstrated through design to NZS 3604.

Buildings >10m in height

Compliance through Specific Engineered Design.

B2 Durability

- *B2.3.1 a) 50 years - where used for structural or difficult to replace elements*
- *B2.3.1 b) 15 years - where used for non-structural or moderately difficult to replace building elements*

316 Stainless steel brackets, are suitable for exterior/interior use. Z275 Galvanised suitable for enclosed/interior use only with the exception of corrosive internal environments.

Compliance Pathway

Buildings up to 3 storeys ≤10m in height

Compliance demonstrated through screw fixing material selection to NZS 3604:

- Table 4.1 - Protection required for steel fixings and fastenings excluding nails and screws
- Table 4.2 - Galvanising of steel components other than nails and screws

Buildings >10m in height

Compliance through Specific Engineered Design

Other relevant standards

AS/NZS 2312.1-2 - Guide to the protection of structural steel against atmospheric corrosion by the use of protective coatings

AS/NZS 4680 - Hot-dip galvanised (zinc) coatings on fabricated ferrous articles

C3 Fire Affecting Area Beyond the Source - C3.7 a)

- *Brackets are manufactured from non-combustible materials, as defined in NZBC C/AS2.*

Compliance Pathway

Non-combustible is defined in NZBC C/AS2 as:

Material either -

- a) composed entirely of glass, concrete, steel, brick/block, ceramic tile, or aluminium; or*
- b) classified as non-combustible when tested to AS 1530.1; or*
- c) classified as A1 in accordance with BS EN 13501-1.*

C6 Structural Stability - C6.2

- *Brackets are manufactured from non-combustible materials, as defined in NZBC C/AS2.*

Compliance Pathway

Buildings up to 3 storeys ≤10m in height

Compliance demonstrated through design to NZS 3604.

Buildings >10m in height

Compliance through Specific Engineered Design.

F2 Hazardous Building Materials - F2.3.1

- *Brackets are manufactured from non-toxic / safe to handle materials.*

1.8 Limitations on the use of the building product

- For interior and exterior use in all NZS 3604 Exposure Zones and Wind Zones subject to material selection.

1.9 Design requirements that would support the appropriate use of the building product

- Pergola framing, staircase framing, internal & external corners supports, shelving.

1.10 Installation requirements

1. Position bracket in the required location and mark hole locations with a pencil
2. Drill pilot hole through material to accommodate the fastener i.e. Bolt
3. Place fastener through the bracket hole and the material hole
4. Tighten the fastener to secure the bracket

1.11 Maintenance requirements

- Stainless steel - Periodic cleaning in accordance with BREMICK guidance.
- Periodically inspect the fastener for corrosion.

1.12 Building Act 2004 section 26 compliance

Is the building product/building product line subject to warning or ban under [section 26 of the Building Act 2004](#)?

No

ANGLE BRACKET
BANHG060E035R
BANHG075E020R
BANHG100S020R
BANHG100S035R
BANHG125S020R
BANHG150S020R
BANHG200S025R
BANHZ050E040R
BANHZ075E040R
BANHZ250S040R
BANHZ300S040R
BANHZ380E040R
BANSG040E040R
BANSG050E050R
BANSG100S050R
BANSZ020E013R
BANSZ025E013R
BANSZ038E013R
BANSZ050E015R
BANSZ063E015R
BANSZ075E018R
BANSZ100E022R
BMPHG200X040R
BPPSG145S049R
ANGLE BRACKET - LIGHT DUTY
BANDZ038E038D
BANDZ050E038D
BANDZ063E038D
BANSZ020E013D
BANSZ025E013D
BANSZ038E013D
BANSZ050E015D
BANSZ063E016D
BANSZ075E018D
BANSZ100E022D

MENDING PLATES
BMPSZ075X020D
BMPSZ100X022D
SHELF BRACKET
BSTSG250S025R
BSTSG400M025R
BSTSG400S025R
BSTSG500S025R
STAINLESS STEEL BRACKET
BANH4060E035R
BANH4100E035R
BANS4040E040R
BANS4100E022R



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