

Build it better with  
**BREMICK®**

# RIVETS

BUILDING PRODUCT  
INFORMATION  
SHEET

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# 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 .....	6
1.9 Design requirements that would support the appropriate use of the building product .....	6
1.10 Installation requirements .....	6
1.11 Maintenance requirements .....	6
1.12 Building Act 2004 section 26 compliance .....	6
<b>Appendix: Bremick Product Codes .....</b>	<b>7</b>

## 1.1 Product class

**Class 1: Batch or mass-produced products** ⓘ

## 1.2 Product name

Product Type - Bremick Rivets

## 1.3 Product description and its intended use

Rivets for interior and exterior use in all NZS 3604 Exposure Zones and Wind Zones, subject to type, size and 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), B2.3.1 b) and B2.3.1 c)
C3 Fire Affecting Area Beyond the Source	Performance clause C3.7 a)
C6 Structural Stability	Performance clause C6.2
E2 External Moisture	Performance clauses E2.3.7 a), E2.3.7 b) & E2.3.7 c)
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, NASH Standard Part 2 and Specific Engineered Design.*

Compliance Pathway

Buildings up to 3 storeys ≤10m in height

Compliance demonstrated through design to NZS 3604 and NASH Standard Part 2.

Buildings >10m in height

Compliance through Specific Engineered Design.

### **B2 Durability**

- *B2.3.1 a) 50 years - where used to fix structural or difficult to replace elements*
- *B2.3.1 b) 15 years - where used to fix non-structural or moderately difficult to replace building elements*
- *B2.3.1 c) 5 years - where used to fix accessories, door furniture and hardware*

*Aluminium, 316 Stainless steel and Monel metal rivets are suitable for exterior/interior use, subject to compatibility of materials.*

Compliance Pathway

Buildings up to 3 storeys ≤10m in height

Compliance demonstrated through rivet material selection to NASH Standard Part 2:

- 3 Durability
  - 3.5 Rivets

Buildings >10m in height

Compliance through Specific Engineered Design.

Material compatibility to NZBC E2/AS1, Table 21 & 22.

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

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

Compliance Pathway

NZBC C/AS2:

*External wall cladding materials*

*5.8.1 Where external walls are located less than 1.0 m from a relevant boundary, cladding materials shall be:*

*a) **Non-combustible** or limited combustible materials*

*External wall cladding systems for multi-level buildings with a building height  $\geq 25$  m*

*5.8.4 The entire external wall cladding system shall be:*

*a) **Non-combustible** or limited combustible materials*

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**

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

Compliance Pathway

Fixings/fasteners contribute to the structural integrity of building elements/structural systems.

Buildings up to 3 storeys  $\leq 10$ m in height

Compliance demonstrated through design to NZS 3604 and NASH Standard Part 2.

Buildings  $> 10$ m in height

Compliance through Specific Engineered Design

**E2 External Moisture - E2.3.7 a), E2.3.7 b) & E2.3.7 c)**

- Rivet material selection to NZBC E2/AS1 with material compatibility to Table 21 & 22.

Compliance Pathway

Buildings up to 3 storeys  $\leq 10$ m in height

Compliance demonstrated through:

NZBC E2/AS1

- Material compatibility to NZBC E2/AS1, Table 21 & 22

Buildings  $> 10$ m in height

Compliance through Specific Engineered Design

**F2 Hazardous Building Materials - F2.3.1**

- *Rivets 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

- Joints in metal flashings, flashings to profiled metal roofing/cladding.

## 1.10 Installation requirements

1. Select suitable size nozzle for your rivet tool
2. Insert rivet into jaws of the rivet tool
3. Ensure nozzle is flush with the rivet head and the rivet is flush with the base material
4. Squeeze rivet tool - repeat until the rivet stem breaks away

## 1.11 Maintenance requirements

- 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

<b>5052 ALUMINIUM &amp; STEEL TRUSS HEAD RIVET</b>
RCT2SGF6052
RCT2SNS5032
RCT2SNS6052
RCT2SSM6052
RCT2SSR6052
RCT2SWG5032
RPT2S0402I0
RPT2S0402I4
RPT2S0403I0
RPT2S0403I4
RPT2S0404I0
RPT2S0404I4
RPT2S0405I0
RPT2S0406I0
RPT2S0406I4
RPT2S0408I0
RPT2S0408I4
RPT2S0502I0
RPT2S0502I4
RPT2S0503I0
RPT2S0504I0
RPT2S0504I4
RPT2S0505I0
RPT2S0506I0
RPT2S0506I4
RPT2S0508I0
RPT2S0508I4
RPT2S0602I0
RPT2S0602I4
RPT2S0603I0
RPT2S0604I0
RPT2S0604I4
RPT2S0606I0
RPT2S0606I4
RPT2S0608I0

RPT2S0608I4
<b>5056 ALUMINIUM &amp; STEEL CSK HEAD RIVET</b>
RPKAS0404I2
RPKAS0604I2
RPKAS0606I2
<b>5056 ALUMINIUM &amp; STEEL TRUSS HEAD RIVET</b>
RPTAS0402I2
RPTAS0403I2
RPTAS0404I2
RPTAS0406I2
RPTAS0410I2
RPTAS0503I2
RPTAS0504I2
RPTAS0505I2
RPTAS0506I2
RPTAS0508I2
RPTAS0602I2
RPTAS0604I2
RPTAS0605I2
RPTAS0606I2
RPTAS0608I2
RPTAS0610I2
RPTAS0612I2
RPTAS0614I2
RPTAS0616I2
RPTAS0804I2
RPTAS0806I2
RPTAS0808I2
RPTAS0812I2
<b>ALUMINIUM SEALED TRUSS HEAD RIVET</b>
RSTAS0606I0
RSTAS0606I2
<b>BLIND RIVET</b>
RCT2SCO403P

RCT2SFP4032
RCT2SFP403P
RCT2SGF403P
RCT2SGF5032
RCT2SGF503P
RCT2SIR4034
RCT2SIR403P
RCT2SIR503P
RCT2SMN4032
RCT2SMN403P
RCT2SNS4032
RCT2SNS4034
RCT2SNS403P
RCT2SNS503P
RCT2SSH4034
RCT2SSH403P
RCT2SSH503P
RCT2SSM4032
RCT2SSM4034
RCT2SSM403P
RCT2SSM503P
RCT2SSR403P
RCT2SSR5032
RCT2SWG4034
RCT2SWG403P
RCT2SWS4034
RPT2S0403P2
RPTSS0504I0
RPTSS0604I2
RPTSS0605I2
RPTSS0606I0
RPTSS0610I2
<b>LARGE FLANGE &amp; GROOVED RIVET</b>
RPFAS0404I2
RPFAS0404I4
RPFAS0504I4
RPFAS0604I2

RPFAS0604I4
RPFAS0606I2
RPFAS0606I4
RPFAS0608I2
RPFAS0608I4
RPFAS0610I2
RPFAS0612I2
RPFAS0614I2
RPFAS0616I2
<b>MONEL &amp; STEEL CSK HEAD RIVET</b>
RPKMS0606I2
<b>MONEL &amp; STEEL TRUSS HEAD RIVET</b>
RPTMS0403I0
RPTMS0404I0
RPTMS0608I2
<b>MULTI-GRIP RIVET</b>
RMTAA0513I2
RMTAA0513IP
RMTAABL5132
RMTAABL513P
RMTAACD5132
RMTAACD513P
RMTAACO5132
RMTAACO513P
RMTAADB5132
RMTAADB513P
RMTAADE5132
RMTAADE513P
RMTAAFP5132
RMTAAFP513P
RMTAAGF5132
RMTAAGF513P
RMTAAIR5132
RMTAAIR513P
RMTAAKA5132
RMTAAKA513P

RMTAALI5132
RMTAALI513P
RMTAALN5132
RMTAALN513P
RMTAAMN5132
RMTAAMN513P
RMTAAPE5132
RMTAAPE513P
RMTAAPI5132
RMTAAPI513P
RMTAASH5132
RMTAASH513P
RMTAASL5132
RMTAASL513P
RMTAASM5132
RMTAASM513P
RMTAASR5132
RMTAASR513P
RMTAATW5132
RMTAATW513P
RMTAAWD5132
RMTAAWD513P
RMTAAWG5132
RMTAAWG513P
RMTAAWI5132
RMTAAWI513P
<b>SS304 &amp; STEEL TRUSS HEAD RIVET</b>
RPT4S0402I4
RPT4S0403I0
RPT4S0403I4
RPT4S0404I0
RPT4S0404I4
RPT4S0406I0
RPT4S0406I4
RPT4S0504I0
RPT4S0504I4
RPT4S0604I0
RPT4S0604I4
<b>SS304 TRUSS HEAD RIVET</b>
RPT440404I2

RPT440406I2
RPT440603I2
RPT440604I2
RPT440606I2
RPT440608I2
RPT440610I2





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