

Build it better with  
**BREMICK®**

# ANCHORS

BUILDING PRODUCT  
INFORMATION  
SHEET

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## 1.1 Product class

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

## 1.2 Product name

Product Category - Bremick Anchors

## 1.3 Product description and its intended use

Mechanical concrete and masonry anchors for interior and exterior use in all NZS 3101 Exposure classifications, 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) 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

**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 Pathway

Buildings up to 3 storeys ≤10m in height

Compliance demonstrated through design to NZS 3101.

Buildings >10m in height

To NZS 3101 and 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*

*304 Stainless steel, 316 Stainless steel and Hot-dipped galvanised anchors (to AS 1214) achieve 15 and 50 year durability, subject to NZS 3101 Exposure classification. Other finishes suitable for interior use only with the exception of corrosive internal environments.*

Compliance Pathway

Buildings up to 3 storeys ≤10m in height

Compliance demonstrated through material selection to NZS 3101:

Galvanising to:

AS 1214 - Hot-dip galvanised coatings on threaded fasteners (ISO metric coarse thread series)

375g/m<sup>2</sup>

Buildings >10m in height

NZS 3101 and Specific Engineered Design.

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

- *Anchors manufactured from non-combustible materials, as defined in NZBC C/AS2 (excluding anchors with nylon sleeve/plug).*

Compliance Pathway

NZBC C/AS2:

*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**

- *Anchors 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 NZS 3101.

Buildings  $> 10$ m in height

NZS 3101 and Specific Engineered Design.

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

- *Anchors 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 3101 Exposure classifications subject to material selection.

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

- Buildings designed to NZS 3101 Concrete structures standard or Specific Engineered Design.

## 1.10 Installation requirements

1. Drill hole in base material to specified diameter, depth shall be 5-10mm deeper than required embedment depth
2. Blow out dust and drilling fragments
3. Mount fixture and insert anchor through fixture into hole
4. Set anchor until sufficient clamping force is obtained

## 1.11 Maintenance requirements

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- 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](#)?

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No

<b>CHEMICAL STUD BOLTS ANCHOR SS316</b>
ACSM6121602
<b>CHEMICAL STUD BOLTS ANCHOR YZ/GAL</b>
ACSMG121602
ACSMG121604
ACSMG161902
ACSMG161904
ACSMG202602
ACSMZ161902
<b>DROP-IN ANCHOR SS316</b>
ADIM6080002
ADIM6120002
<b>DROP-IN ANCHOR ZINC</b>
ADIMZ060002
ADIMZ080002
ADIMZ100002
ADIMZ100004
ADIMZ120002
ADIMZ160002
ADIMZ200002
<b>HEAVY DUTY HOOK</b>
HHDUM050004
<b>HOLLOW WALL ANCHOR</b>
AHWMZ040114
AHWMZ040162
AHWMZ040164
AHWMZ040234
AHWMZ050164
AHWMZ060162
<b>MASONRY SCREW ANCHOR</b>
ASBMG050504
ASBMG060504
ASBMG060754
ASBMG061004
ASBMG080604
ASBMG080754
ASBMG081004
ASBMG100604
ASBMG100754
ASBMG101004
ASBMG101254

ASBMG101274
ASBMG101404
ASBMG101504
ASBMG120754
ASBMG121004
ASBMG121404W
ASBMG121504
<b>MASONRY SCREW ANCHOR CSK HEAD GAL</b>
ASBKG060504
ASBKG060754
ASBKG080604
ASBKG080754
ASBKG081004
ASBKG100604
ASBKG100754
ASBKG101004
ASBKG101204
ASBKG121004
ASBKG121504
<b>MASONRY SCREW ANCHOR HEX HEAD ZINC/GAL</b>
ASBMG060302
ASBMG060502
ASBMG060752
ASBMG061002
ASBMG080602
ASBMG080752
ASBMG081002
ASBMG100602
ASBMG100752
ASBMG101002
ASBMG101502
ASBMG120752
ASBMG121002
ASBMG121502
ASBMG161002
ASBMZ050502
ASBMZ060302
ASBMZ060502
ASBMZ080752
ASBMZ100602
ASBMZ100752

ASBMZ121002
<b>MASONRY SCREW ANCHOR SS316</b>
ASBM6060504
ASBM6081004
ASBM6101204
ASBM6121004
ASBM6121404W
ASBM6121504
<b>METAL PIN ANCHOR</b>
AMPMZ050222
AMPMZ05022P
AMPMZ060252
AMPMZ060254
AMPMZ06025P
AMPMZ060322
AMPMZ060324
AMPMZ06032P
AMPMZ060382
AMPMZ060384
AMPMZ060502
AMPMZ060504
<b>NAIL-IN ANCHOR CSK HEAD</b>
ANKMZ060254
ANKMZ060384
ANKMZ060502
ANKMZ060504
ANKMZ060754
ANRMZ050254
ANRMZ050384
ANRMZ060254
ANRMZ060384
ANRMZ060504
<b>NAIL-IN ANCHOR MUSHROOM HEAD</b>
ANMMZ050204
ANMMZ050252
ANMMZ050254
ANMMZ060252
ANMMZ060254
ANMMZ060382
ANMMZ060384
ANMMZ060502

ANMMZ060504
ANMMZ060754
<b>NAIL-IN ANCHOR ROUND HEAD</b>
ANRMZ050252
ANRMZ050382
<b>NYLON ANCHOR HEAVY DUTY</b>
ANHM6060444
ANHM6060554
<b>NYLON FRAME PLUG SS316</b>
RDDS6100804
RDDS6101002
RDDS6101004
RDDS6101202
RDDS6101204
<b>SLEEVE ANCHOR CSK HEAD ZINC</b>
ASKMZ060354
ASKMZ060554
ASKMZ060754
ASKMZ061004
ASKMZ080604
ASKMZ080854
ASKMZ100754
ASKMZ101004
ASKMZ101254
<b>SLEEVE ANCHOR EYE BOLT ZINC</b>
AEBMZ080452
<b>SLEEVE ANCHOR EYE ZINC</b>
AEBMZ080454
<b>SLEEVE ANCHOR FLUSH HEAD SS316</b>
ASFM6080454
ASFM6100404
ASFM6100602
<b>SLEEVE ANCHOR HEX NUT</b>
ASNMG080402
ASNMG080652
ASNMG080852
ASNMG100402

ASNMG100502
ASNMG100602
ASNMG100752
ASNMG101002
ASNMG101252
ASNMG120602
ASNMG120752
ASNMG121002
ASNMG121302
ASNMG160652
ASNMG161102
ASNMG161452
ASNMG201052
ASNMG201502
ASNMZ060252
ASNMZ060352
ASNMZ060552
ASNMZ080402
ASNMZ080652
ASNMZ080852
ASNMZ100402
ASNMZ100502
ASNMZ100602
ASNMZ100752
ASNMZ101002
ASNMZ120602
ASNMZ120752
ASNMZ121002
ASNMZ121302
ASNMZ160652
ASNMZ161102
ASNMZ161452
ASNMZ200752
ASNMZ201052
ASNMZ201502
<b>SLEEVE ANCHOR HEX NUT SS316</b>
ASNMG6060402
ASNMG6060404
ASNMG6060602
ASNMG6060604
ASNMG6080402
ASNMG6080404
ASNMG6080504
ASNMG6080652
ASNMG6080654
ASNMG100502
ASNMG100504
ASNMG100752

ASNMG6100754
ASNMG6101002
ASNMG6101004
ASNMG6120602
ASNMG6120604
ASNMG6120752
ASNMG6120754
ASNMG6121002
ASNMG6121004
ASNMG6121302
ASNMG6121304
<b>SLEEVE ANCHOR HEX NUT ZINC/GAL</b>
ASNMG060354
ASNMG080404
ASNMG080654
ASNMG080754
ASNMG080854
ASNMG100404
ASNMG100504
ASNMG100754
ASNMG101004
ASNMG120604
ASNMG120754
ASNMG121004
ASNMG121304
ASNMG2060254
ASNMG2060354
ASNMG2060554
ASNMG2080654
ASNMG2080854
ASNMG2100404
ASNMG2100504
ASNMG2100754
ASNMG2101004
ASNMG2120604
ASNMG2121004
ASNMG2121304
ASNMG2160654
ASNMG2161454
ASNMG2201054
<b>SLEEVE ANCHOR HOOK ZINC</b>
AHBMZ080452
AHBMZ080454
<b>SPLIT DRIVE ANCHOR CSK HEAD GAL</b>
ASDKG060384
ASDKG060504

ASDKG060654
ASDKG060754
ASDKG061004
<b>STRIKE ANCHOR CSK HEAD GAL</b>
ASTCG060502
ASTCG060752
ASTCG061002
<b>STRIKE ANCHOR MUSHROOM HEAD GAL</b>
ASTMG050502
ASTMG060502
ASTMG060652
ASTMG060752
ASTMG061022
<b>STRIKE ANCHOR MUSHROOM HEAD SS316</b>
ASTM6050382
ASTM6050502
ASTM6060502
ASTM6060752
<b>THROUGH BOLT ANCHOR SS316</b>
ATBM6100754
ATBM6100902
ATBM6101004
ATBM6101204
ATBM6120802
ATBM6120804
ATBM6121002
ATBM6121004
ATBM6121204
ATBM6121354
ATBM6121402
ATBM6121404W
ATBM6121804
ATBM6161052
ATBM6201602
<b>THROUGH BOLT ANCHOR ZINC/GAL</b>
ATBMG081004
ATBMG081204
ATBMG100902
ATBMG100904
ATBMG101004
ATBMG120802
ATBMG120804
ATBMG121002
ATBMG121004

ATBMG121202
ATBMG121202W50
ATBMG121204
ATBMG121352W25
ATBMG121352W50
ATBMG121354
ATBMG121402
ATBMG121404
ATBMG121804
ATBMG161052
ATBMG161054
ATBMG161252
ATBMG161254
ATBMG161402
ATBMG161404
ATBMG161802
ATBMG161804
ATBMG201252
ATBMG201254
ATBMG201602
ATBMG201604
ATBMG202002
ATBMZ121004
ATBMZ121204
ATBMZ121404
ATBMZ121804
<b>TOGGLE CSK HEAD ANCHOR</b>
TSKMZ050504
<b>TOGGLE ROUND HEAD ANCHOR</b>
TSRMZ040504
TSRMZ050504
TSRMZ050754
<b>TOGGLE/HOLLOW WALL</b>
TPTMP101204
<b>WALL PLUGS</b>
PBAMN#80S0P
PBAMZ#80004
PBAMZ#80S0P
PSPMP050506
PSPMP06005C
<b>WALL PLUGS - NYLON</b>
PBAMN#80004
PWPMN050252
PWPMN060302
PWPMN070352
PWPMN080402



<b>WALL PLUGS - PVC</b>
PWPMF050254
PWPMF060352
PWPMF060354
PWPMF060504
PWPMF070354
PWPMF070502
PWPMF070504
PWPMF080354
PWPMF080504
PWPMN050254
PWPMN060304
PWPMN070354
PWPMN080404
PWPMN100504



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**BREMICK®**

**Bremick NZ Ltd**

Unit F / 373 Neilson Street Penrose, Auckland,  
New Zealand, 1061

[www.bremick.co.nz](http://www.bremick.co.nz)

[nthnzsales@bremick.co.nz](mailto:nthnzsales@bremick.co.nz)

Toll Free: 0800 658 075

NZBN: 9429034886243

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