

Boa™ Coil Expansion Anchors

Heavy Duty Anchors

Product Identifier **Boa™ Coil Expansion Anchors BAC_____**

Product description

The Boa™ Coil Expansion Anchor is a removable, high strength, heavy duty, rotation setting expansion anchor for concrete.

Relevant building code clauses

B1 Structure — B1.3.1, B1.3.2, B1.3.3 (b, d, e, g, h, j, q), B1.3.4

B2 Durability — B2.3.1 (a)

Contributions to compliance

For B1 Structure and B2 Durability refer to Boa™ Coil in the Specifiers Anchoring Resource Book ANZ Ed3 extract listed in supporting documentation. For additional information, refer to the entire Specifiers Anchoring Resource Book ANZ Ed3 available on Ramset™ Website. Link below:

<https://cdn.ramset.com.au/wp-content/uploads/2023/07/SARB-Final-Interactive.pdf>

Scope of use

The Boa™ Coil Expansion Anchor is a removable, high strength, heavy duty, rotation setting expansion anchor for concrete. The Boa™ Coil Expansion Anchor is ideally suited for fixing into concrete when cast-in performance or clean removal is required.

Conditions of use

Installation of Ramset™ Boa™ Coil Expansion Anchors should be carried out by a skilled professional, in accordance with the manufacturer’s installation instructions, documented in the SARB.

Supporting documentation The following additional documentation supports the above statements:

Title (type)	Version	URL
Boa™ Coil SARB (Installation, Maintenance)		https://ramset.co.nz/wp-content/uploads/2023/07/Ramset-SARB-ANZ-Ed.3-Boa-Coil-EXPANSION-ANCHORS.pdf

Contact details	
Manufacture location	Overseas
Legal and trading name of manufacturer	ITW USA*
Legal and trading name of importer	Ramset™ New Zealand
Importer address for service	29 Poland Road, Auckland, 0627, New Zealand
Importer website	ramset.co.nz
Importer email	info@ramset.co.nz
Importer phone number	0800 726 738
Importer NZBN	9429039833129

*on the basis that ITW USA partakes in the process of manufacture, involving design, quality/safety testing, importing, packaging and supplying the product in New Zealand.

Warnings and bans

This product line is not subject to any warning or ban under Section 26 of the Building Act 2004

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Appendix - Building code performance clauses

All relevant building code performance clauses listed in this document:

B1 Structure

B1.31

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

B1.32

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.

B1.33

Account shall be taken of all physical conditions likely to affect the stability of buildings, building elements and sitework, including:

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

B1.34

Due allowances shall be made for:

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

B2 Durability

B2.31

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

For further information, please contact Ramset™

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AU - PHONE: 1300 780 063 www.ramset.com.au

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