

# SpaTec™ Xtrem™

## Heavy Duty Anchors

**Product Identifier** SpaTec™ Xtrem™ SP\_\_\_\_\_

**Product description**

The SpaTec™ Xtrem™ Plus Safety Anchor is a heavy duty, torque-controlled expansion anchor, with an integrated pulldown section, designed for high performance in both static and dynamic load applications, in both cracked and non-cracked concrete and for seismic applications.

**Relevant building code clauses**

B1 Structure — B1.3.1, B1.3.2, B1.3.3 (a, b, c, d, e, f, g, h, i, j, p, q), B1.3.4  
 B2 Durability — B2.3.1 (a)

**Contributions to compliance**

For B1 Structure and B2 Durability refer to the SpaTec™ Xtrem™ European Technical Assessment ETA-10-0276 listed in supporting documentation.

**Scope of use**

The SpaTec™ Xtrem™ Safety Anchor is a heavy duty, torque-controlled expansion anchor, with an integrated pulldown section, designed for high performance in both static and dynamic load applications, in both cracked and non-cracked concrete and for seismic applications. The SpaTec™ Xtrem™ Anchor is ideally suited for concrete when security and reliability are paramount.

**Conditions of use**

Installation of SpaTec™ Xtrem™ Anchors should be carried out by a competent professional, in accordance with the manufacturer's installation instructions, found in the SARB.

**Supporting documentation** The following additional documentation supports the above statements:

Title (type)	Version	URL
SpaTec™ Xtrem™ ETA (Certification, Design, Test results)	10/0276 of 1/9/2015	<a href="https://cdn.ramset.com.au/wp-content/uploads/2023/07/Ramset_ETARamset-SpaTec-ETA-10-0276.pdf">https://cdn.ramset.com.au/wp-content/uploads/2023/07/Ramset_ETARamset-SpaTec-ETA-10-0276.pdf</a>
SpaTec™ Xtrem™ SARB (Installation)		<a href="https://cdn.ramset.com.au/wp-content/uploads/2023/07/Ramset-SARB-ANZ-Ed.3-SpaTec-Xtrem-Safety-Anchors.pdf">https://cdn.ramset.com.au/wp-content/uploads/2023/07/Ramset-SARB-ANZ-Ed.3-SpaTec-Xtrem-Safety-Anchors.pdf</a>

Contact details	
Manufacture location	Overseas
Legal and trading name of manufacturer	ITW de France*
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
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Importer phone number	0800 726 738
Importer NZBN	9429039833129

\*on the basis that ITW de France 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

#### BPIR Ready selections

Category: Fixings and fasteners

#### Building code performance clauses

All relevant building code performance clauses listed in this document:

First party self-assessment generated Oct 18, 2023 with BPIR Ready.

Source: <https://bpir.nz/form/view?wz=2569421e8cf56f4e2d81dbcd4c725107247d35b8>

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2

#### 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:

- (a) self weight
- (b) imposed gravity loads arising from use
- (c) temperature
- (d) earth pressure
- (e) water and other liquids
- (f) earthquake
- (g) snow
- (h) wind
- (i) fire
- (j) impact
- (p) equipment, services, non-structural elements and contents
- (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 space.

**For further information, please contact Ramset™**

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