

Ramset™ Threaded Insert

Chemical Anchoring Accessories

Product Identifier Threaded Insert

Product description

Ramset™ Threaded Inserts are steel threaded sockets that sit flush with the concrete surface and allow use of various head style bolts. Available in zinc plated, carbon steel or high corrosion resistant ASIS 316 (A4). The bolts can be removed and reinstalled later - ideal for event seating, handrails, safety barriers.

Relevant building code clauses

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

B2 Durability — B2.3.1 (a)

Contributions to compliance

B1 Structure and B2 Durability - refer to the ChemSet™ Anchor Studs-Inserts Catalogue listed in supporting documentation.

Scope of use

Ramset™ Threaded Inserts are steel threaded sockets that sit flush with the concrete surface and allow use of various head style bolts. Available in zinc plated, carbon steel or high corrosion resistant ASIS 316 (A4). The bolts can be removed and reinstalled later - ideal for event seating, handrails, safety barriers.

Features and benefits:

- High performance Grade 5.8 Carbon Steel
- Zinc Plated for indoor or dry climates
- High performance AISI316 Stainless Steel for coastal or freshwater applications
- Supplied with protective cap to protect threads during installation
- Allows choice of various bolt head styles
- No trip hazard when bolt removed
- Ideal for removable fixtures

Conditions of use

Ramset™ Threaded Inserts should be fitted using Ramset™ Chemical Anchors by a skilled professional. They should be inserted flush with the surface to prevent tripping (if inserted into the ground). Once inserted into the hole, the chemical must completely cured before it is used as a hanging or fixing socket.

Supporting documentation The following additional documentation supports the above statements:

Title (type)	Version	URL
ChemSet™ Anchor Studs and Inserts Catalogue (Design, Installation, Maintenance)		https://cdn.ramset.com.au/wp-content/uploads/2023/07/ramset_CS12160GH_catalogue_ChemSet%E2%84%A2-Anchor-Studs-Inserts.pdf

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
Importer email	info@ramset.co.nz
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

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

(f) earthquake

(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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