

DynaSet™ Drop-In Anchors

Medium Duty Anchors

Product Identifier DynaSet™ DSM __, DSF __, DSM __SS

Product description

The DynaSet™ Drop-In Anchor is a medium duty, displacement setting, expansion anchor designed to provide a permanent anchorage point in concrete.

Relevant building code clauses

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

B2 Durability — B2.3.1 (a)

Contributions to compliance

For B1 Structure and B2 Durability, refer to the DynaSet™ Drop-in Anchor 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 DynaSet™ Drop-In Anchor is an all steel, medium duty, displacement setting, expansion anchor designed to provide a permanent anchorage point in concrete. Its internal thread allows it to be used with both machine bolts and threaded rod, placing no restrictions on fixture thickness. The DynaSet™ fits flush with, or just below, the surface of the substrate, leaving no protrusions when not in use and allows for easy patch work. The anchor's internal thread facilitates the use of machine bolts and threaded studs of any length, removing restrictions on fixture thickness.

The DynaSet™ Drop-In Anchor requires only shallow embedment, which reduces the risk of drilling into rebar. The setting tool provides a visual expansion check for correct setting of the anchor. The flanged version (zinc plated only) has a retaining lip to keep the anchor flush with the surface of the substrate. This also allows for consistent threaded rod drop lengths.

Conditions of use

Installation of Ramset™ DynaSet™ Drop-In Anchor products should be carried out by a skilled professional, in accordance with the manufacturer's installation instructions, which can be found in the SARB.

Supporting documentation The following additional documentation supports the above statements:

Title (type)	Version	URL
DynaSet™ Drop-In Anchor (Design, Installation)		https://cdn.ramset.com.au/wp-content/uploads/2023/07/Ramset-SARB-ANZEd.3-DynaSet-Drop-In-Anchors.pdf

Contact details	
Manufacture location	Overseas
Legal and trading name of manufacturer	ITW CP SEA*
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 CP SEA 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

B1.3.1

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.

B1.3.2

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.

B1.3.3

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

(i) fire

(j) impact

(l) equipment, services, non-structural elements and contents

(q) time dependent effects including creep and shrinkage

B1.3.4

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

B2.3.1

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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