

ChemSet™ Maxima™ Capsule

Chemical Anchoring

Product Identifier CHEM12, CHEM16

Product description

Rapid cure acrylic resin for extra heavy duty anchoring of threaded studs into solid concrete and stone.

Relevant building code clauses

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

B2 Durability — B2.3.1 (a)

F2 Hazardous building materials - F2.3.1

Contributions to compliance

For B1 Structure and B2 Durability refer to the ChemSet™ Maxima™ Capsule European Technical Assessment ETA-18-0197 listed in supporting documentation

For F2 Hazardous building materials refer to the ChemSet™ Maxima™ Capsule SDS (Safety Data Sheet) listed in supporting documentation

Scope of use

A rapid cure, acrylic resin for extra heavy duty anchoring of threaded studs into solid concrete and stone. For small jobs with few fixings. Ideal for overhead anchoring. One capsule for one hole - no mixing, no mess, no waste. Can be used for carbide or diamond drilled holes. Suitable for dry, wet, or underwater usage applications. Ideal for balustrade posts, fencing, sheds, structural steel columns, handrails, seating, machinery hold down.

Features and benefits:

- Non-drip formula for horizontal holes and overhead applications
- Glass becomes part of the aggregate
- No applicator
- Strong bond for extra security
- Dry, damp, wet, flooded or underwater hole applications
- One fixing per capsule - no wasted adhesive
- No mixing, no mess, no waste
- Rapid 20 minute cure (at 20°C)

Conditions of use

Application of Ramset™ ChemSet™ Maxima™ Capsules should be performed by a skilled professional in accordance with the application guidelines, which can be found in the SARB.

Supporting documentation The following additional documentation supports the above statements:

Title (type)	Version	URL
ChemSet™ Maxima™ Capsule VOC data sheet (Certification, Test results)		https://cdn.ramset.com.au/wp-content/uploads/2023/07/Chemset-Maxima-VOC-1.pdf
ChemSet™ Maxima™ Capsule ETA (Certification, Design, Installation, Maintenance, Test results)		https://ramset.co.nz/wp-content/uploads/2023/07/Ramset_ETA_Chemset-Maxima-Capsule-ETA.pdf
ChemSet™ Maxima™ Capsule Catalogue		https://cdn.ramset.com.au/wp-content/uploads/2023/07/ramset_CHEM10_catalogue_ChemSet%E2%84%A2-Maxima%E2%84%A2.pdf
ChemSet™ Maxima™ Capsule SARB (Design, Installation, Maintenance)		https://ramset.co.nz/wp-content/uploads/2023/07/Ramset-SARB-ANZ-Ed.3-ChemSet-Maxima-with-Anchor-Studs.pdf
ChemSet™ Maxima™ Capsule SDS		https://cdn.ramset.com.au/wp-content/uploads/2023/07/ramset_CHEM10_SDS_chemset_maxima_capsules_NZ.pdf

ChemSet™ Maxima™ Capsule

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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

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

(g) snow

(p) 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

F2 Hazardous building materials

F2.3.1

The quantities of gas, liquid, radiation or solid particles emitted by materials used in the construction of buildings, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

For further information, please contact Ramset™
NZ - PHONE: 0800 RAMSET (726738) www.ramset.co.nz
AU - PHONE: 1300 780 063 www.ramset.com.au