

ChemSet™ 801 XTREM™ XC² Chemical Anchors

Product Identifier C801X750, C801X380

Product description

ChemSet™ 801 XTREM™ now with XC² vinyl ester formula is certified for extreme anchoring applications such as seismic, cracked concrete, fire, 100 Year Working Life and flooded hole installation*.

Relevant building code clauses

B1 Structure — B1.3.1, B1.3.2, B1.3.3 (b, d, e, f, g, h, i, 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™ 801 XTREM™ XC² European Technical Assessment ETA-18-0045 and ETA-18-0154 listed in supporting documentation. For F2 Hazardous building materials refer to the Epcon™ C6 PLUS SDS (Safety Data Sheet) listed in supporting documentation

Scope of use

ChemSet™ 801 Xtrem XC² is a heavy duty, fast setting vinyl ester fully certified for challenging engineering designs such as seismic and cracked concrete applications. Apply torque in 1 hour. Ideal for handrails, balustrade and structural steel applications where early torque is required.

Features and benefits:

- Complies with cracked concrete and seismic design
- 33% higher bond strength, offering peace of mind for extreme applications
- Fast cure
- New XC² formula, performs in extreme conditions (flood, fire, earthquakes)
- 100 Year Working Life

Conditions of use

Application of Ramset™ ChemSet™ 801 XTREM™ XC² should be undertaken by a skilled professional, in accordance with the manufacturers guidelines set out in the product guide. Application must be performed in conjunction with the Ramset™ ISNE application nozzle.

Supporting documentation The following additional documentation supports the above statements:

Title (type)	Version	URL
Ramset™ Specifiers Guide NZ (Design, Installation)	2023	https://cdn.ramset.com.au/wp-content/uploads/2023/07/ramset_Specifiers_Guide_NZ_July-2023.pdf
ChemSet™ 801 XTREM™ ETA (Certification, Test results)	22.02.2018 16.07.2021	https://cdn.ramset.com.au/wp-content/uploads/2023/07/Ramset_ETAChemset_801_ETA-180045.pdf https://cdn.ramset.com.au/wp-content/uploads/2023/07/Ramset_ETAChemset-801XC2-Xtrem-ETA-18_0154.pdf
Chemical Anchoring SARB (Installation, Maintenance)		https://cdn.ramset.com.au/wp-content/uploads/2023/07/Ramset-SARB-ANZ-Ed.3-REO-502-Plus-CHEMSET-801-Xtrem-XC2-EPCON-C8-Xtrem-Injection-to-AS3600-AS5216.pdf
ChemSet™ 801 XTREM™ SDS (Certification, Test results)		https://cdn.ramset.com.au/wp-content/uploads/2023/07/ramset_C801X750_SDS_chemset801xtrem_NZ.pdf

ChemSet™ 801 XTREM™ XC²

Chemical Anchors

Contact details

Manufacture location	Overseas
Legal and trading name of manufacturer	ITW de France*
Legal and trading name of importer	Ramset™ Australia
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
- (j) impact
- (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™
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