



EPCON™ C8

Premium Pure Epoxy Chemical Anchor

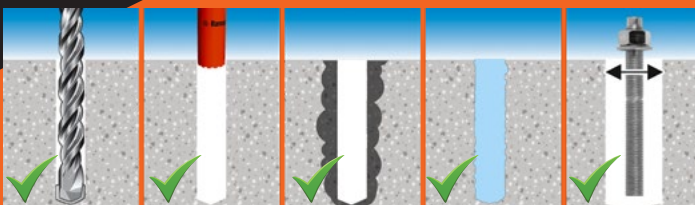
MEET THE HIGHEST STANDARDS!



- Seismic Applications
- Cracked Concrete / Tensions Zones
- 100 Year Working Life under Sustained Load
- Fire Rated (Reinforcing Bar)
- Electrical Insulator for Rail and other electrical applications
- Adverse Conditions:
 - Hole diameters up to 2.25 x Bar Diameter
 - Diamond Core Drilled Holes
 - Dry, Damp and Wet
 - Underwater*
 - Cold climate dispensing



Drinking water safe



Drilled

Cored

Damp

Flooded

Oversized
Diameter



*Load capacity in tension is reduced by 30% underwater
+Minimum recommended installation temperature 5°C

EPCON™ C8

MEETS THE HIGHEST INTERNATIONAL STANDARDS

No room for compromise? Pure epoxy EPCON™ C8 is certified to the highest international concrete anchoring standards and delivers high ultimate performance in extreme applications, such as Seismic, Long Term Sustained Loading (Creep), Cracked Concrete in Tensions Zones, Underwater, Core Drilled Holes and Oversized Diameters.

Features

- Pure Epoxy
 - Non-shrink bond for over-sized diameters and cracked concrete
 - Creep resistant under long term sustained loading
 - 100 Year Working Life
 - Chemical Resistant
 - Strong chemical bond for core drilled holes and structural grade steel
- Specifically formulated to bond to concrete underwater
- Thixotropic non-sag formula for overhead and horizontal installation
- Easy dispensing in cold climates
- Fire Rated with post-installed reinforcing bar

Typical Properties

Property	Value
Mixed Colour	Grey
Working Time @ 20°C	11 minutes
Loading Time @ 20°C (Dry)	16 hours
Loading Time @ 20°C (Flooded)	32 hours
Minimum Substrate Temperature	5°C
Minimum Adhesive Temperature	5°C
Service Temperature Limits	-40°C to +80°C
Resistivity Ω.cm	5 x 10 ¹⁵
Compressive Strength NF EN ISO 604	115 MPa

Certifications

Certification	Approval Number / Report Number
European Technical Approval (ETA) 001-5 TR029 Option 1 and TR045, C1	ETA 10/0309
European Technical Approval (ETA) 001-5 TR023	ETA 07/0189
CSTB Fire Test Report to ISO834	26007642/b
DIBt Report	Z-21.8-1866
WRAS Approval Contact with Drinking Water BS6920	MAT/LAB 622A
CSTB Seismic Applications Report	3/12-727
Bureau Veritas Electrical Resistance Test Report to CEI 60093	Nr 6010-1845
100 Year Working Life Swinburne University Report	5 September 2013



Australia: www.ramset.com.au Ph: 1300 780 063 Ph: 0800RAMSET (726739)

Ramset™ 1 Ramset Drive, Chirside Park 3116

In the interests of product improvement, Ramset™ reserves the right to alter product specifications as required. Information included in this document is correct at time of printing. It is the responsibility of the user to ensure product selected is appropriate for its intended use. For further technical information go to www.ramset.com.au or contact Ramset™ on the numbers indicated. ITW Australia Pty. Ltd. ABN 63 004 235 063 trading as Ramset™ © Copyright 2023™ Trademarks of Cetram Pty. Ltd. used under license by Ramset™.
CB1363_EPCON C8 Flyer Revised.

