



# Ramset™

# ChemSet™ 801 XTREM™

## Premium Vinyl Ester Chemical Anchor

### **SEISMIC AND CRACKED CONCRETE CERTIFIED**

#### Features:

- Seismic Applications
- Cracked Concrete / Tension Zones
- 50 Years Design Life under Sustained Load
- Fast setting
- Diamond Core Drilled Holes
- Underwater\*
- Cold climate compatible

\*Load capacity in tension reduced by 30% underwater



Seismic



Drinking water  
safe



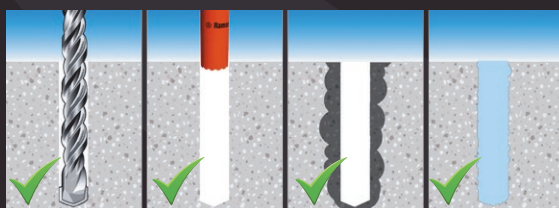
Cracked concrete



SA TS101:2015  
Compliant



## XTREM PREMIUM ANCHORING



Drilled

Cored

Damp

Flooded



1300 780 063  
[www.ramset.com.au](http://www.ramset.com.au)



# ChemSet™ 801 XTREM™

## A **SEISMIC** SHIFT IN CERTIFICATION



ChemSet™ 801 now certified for Extreme anchoring applications such as Seismic, Cracked Concrete in Tension Zones, Long Term Sustained Loading and Underwater

### Features

- Fast setting for early nut tightening
- High grade Vinyl Ester for strong chemical bond
- Easy cold climate dispensing and fast loading
- Creep resistant for long term sustained loading
- SA TS101:2015 Compliant

### Typical Properties

Property	Value
Mixed Colour	Grey
Working Time @ 20°C	6 minutes
Loading Time @ 20°C	50 minutes
Minimum Substrate Temperature	0°C
Minimum Adhesive Temperature	5°C
Service Temperature Limits	-40°C to +80°C
Heat Distortion Temperature (ISO 75)	77°C
Shore D Hardness (ISO7619)	90
Compressive Strength (ASTM C579-01)	77.8 MPa
Tensile Strength (ASTM D638)	15.2 MPa
Flexural Strength (ASTM D638)	29 MPa
Coefficient of Linear Thermal Expansion (ASTM E831)	50.3 x 10-6 /°C (20°C to 40°C) 57.3 x 10-6 /°C (20°C to 70°C)



### Certifications

Certification	Approval Number / Report Number
European Technical Assessment (ETA) 001-1,5 TR029 Option 1 and Annex E TR045, C1	ETA 16/0283
AS/NZS4020 Contact with Drinking Water	AWQC 85026

ramsetreid™ 1 Ramset Drive, Chirnside Park 3116

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