

# ChemSet™ 801 XC<sup>2</sup> Xtrem™

SEISMIC Certified Performance

Ready for Anything  
Earthquake, Flood and Fire!

Injection Adhesives



### Key Features

- Seismic Certified C1, C2
- Cracked Concrete
- Fire Rated
- Flooded Hole\*
- Apply Torque in 1 hour



ISNE C801X750 C801X380

ChemSet™ 801 XC<sup>2</sup> Xtrem™ new XC<sup>2</sup> formulation is 33% stronger and is certified for Seismic, Flooded Conditions and Fire Rated.

ChemSet™ 801 XC<sup>2</sup> Xtrem™ meets the highest seismic standard (Category 2), when used to install the unique ChemSet™ Multicone Threaded Studs that compensate for cracks that open in the concrete under seismic action.

Fast Setting ChemSet™ 801 XC<sup>2</sup> Xtrem™ is ideal for applications requiring fast assembly times such as structural steel, hand rails, balustrades, services etc.

### Advantages

- Highest Standard of Anchoring Certification
- Complies with Cracked Concrete & Seismic Design
- High bond strength - piece of mind in extreme applications
- Fast cure - Apply assembly torque in 1 hour
- New XC<sup>2</sup> formula performs in extreme conditions - Earthquake, Fire and Flood

### Typical Applications

- Fabricated steel (handrails, sign posts, safety rails, structural steel)
- Balustrades
- Starter bars
- Road stitching

\*Load reduction applies to Flooded Holes. Refer to Ramset™ SARB for load design

Approvals		
Certification	Approval Number / Report Number	
European Technical Approval ETAG 001-5 Option 1	ETA 18/0045	
European Technical Approval ETAG 001 Annex E C1 & C2 Seismic	ETA 18/0045	
European Technical Approval ETAG 001 TR023 Post-Installed Rebar	ETA 18/0154	
WRAS Contact with Drinking Water	WRAS	

# ChemSet™ 801 XC<sup>2</sup> Xtrem™

## SEISMIC Certified Performance



ChemSet™ 801 XC <sup>2</sup> Xtrem Applications				
Embedment Type	Anchorage			Post-Installed Rebar
	Threaded Studs	Rebar	Multi-Cone Studs	Rebar
Fixing				
Size Range	M8 - M30	ø8 - ø20	M12 - M20	ø8 - ø32
Load Ranking	5	4	6	5
APPROVAL	Uncracked Concrete			
	Cracked Concrete			Not Relevant
	Seismic			
	Drinking Water Safe			
	Fire Rated		-	-
	Design Life			
INSTALLATION CONDITION	Drilled / Cored Holes			
	Flooded Hole*			 (for diamond core drilling only)
CONFORMANCE	National Standards			
	EN1992-4 (formerly ETAG001 Annex C, E & TR045)	ETA 18/0045	ETA 18/0045	ETA 18/0045
	EAD-330499	ETA 18/0045	ETA 18/0045	ETA 18/0045
	EAD-330087 (formerly TR023)	-	-	ETA 18/0154

Injection Adhesives

Working and Loading Times			
Substrate Temperature	Working Time	Time to Full Load Capacity	
		Dry and Damp	Flooded and Underwater
5°C	60 min	240 minutes	480 minutes
6 - 10°C	40 min	180 minutes	360 minutes
11 - 20°C	15 min	120 minutes	240 minutes
21 - 30°C	8 min	90 minutes	180 minutes
31 - 40°C	4 min	60 minutes	120 minutes

Range and Order Numbers			Related Items	
Pack Size	Order Number	Box Qty	Applicator	Mixing Nozzle
380 ml	C801X380	20	CUAP/CUAR18	ISNE
750 ml	C801X750	12	CUAP/CUAR18	ISNE

AU ONLY

Refer to ChemSet 801 Xtrem (SC2) Technical Data Sheet for full product details and installation instructions.  
Refer to Ramset™ SARB or iExpert software for detailed engineering load design information.

\*NOTE: Load Index is the relative load compared with other Chemical Anchoring products in the Ramset™ range and is intended to assist with product selection. Load Index is not intended to assist with load design. For load capacity and design information, consult the Ramset™ Specifiers Resource Book available from Ramset™ in hard copy or download from the website.