

Selection Guide

	Pure Epoxy			Vinyl Ester	Polyester		Capsule
	Epcon™ C8 Xtrem™	RE0502™ Plus	Epcon™ C6 Plus	ChemSet™ 801XC2 Xtrem™	ChemSet™ 101	Ultrafix Plus	CHEMSET™ MAXIMA™
Threaded Rod Size Range	M8 - M30	M8 - M30	M8 - M30	M8 - M30	M8 - M24	M8 - M24	M8 - M24
Rebar Size Range	Ø8 - Ø32	Ø8 - Ø32	Ø8 - Ø32	Ø8 - Ø20	Ø10 - Ø25	Ø10 - Ø25	N/A
Optimum Adhesive Installation Temperature (°C)	5° - 40°C	10°C - 40°C	10°C - 40°C	5°C - 30°C	5°C - 30°C	5°C - 30°C	0°C - 35°C
Working Time Minutes @ 20°C	 11 mins	 25 mins	 25 mins	 15 mins	 6 mins	 6 mins	N/A
Loading Time Hours @ 20°C Dry or Damp	 16 Hours	 8 hours	 8 hours	 2 Hours	 50 mins	 50 mins	 20min
Loading Time Hours @ 20°C Flooded or Underwater	 32 hours	 8 hours	 8 hours	 4 hours	 50 mins	 50 mins	 40min
Indicative Load Ranking (Dry and Damp)	★★★★★	★★★★★	★★★★★	★★★★★	★★★	★★★	★★★★
Indicative Load Ranking (Flooded & Underwater)	★★★★	★★★★★	★★★★★	★★★★	★★★	★★★	★★★★
Hole Condition	 Drilled holes  Cored holes  Flooded holes  Oversized holes	 Drilled holes  Cored holes  Flooded holes  Oversized holes	 Drilled holes  Cored holes  Flooded holes  Oversized holes	 Drilled holes  Flooded holes	 Drilled holes  Flooded holes	 Drilled holes  Flooded holes	 Drilled holes
Substrate	 Solid Concrete	 Solid Concrete	 Solid Concrete	 Solid Concrete	 Solid Concrete  Hollow applications	 Solid Concrete  Hollow applications	 Solid Concrete
Anchoring Environment	 100 YEAR WORKING LIFE  Fire Rated  Seismic  Drinking water safe  Cracked Concrete  Dynamic loading	 100 YEAR WORKING LIFE  Fire Rated  Seismic  Drinking water safe  Cracked Concrete  Dynamic loading	 100 YEAR WORKING LIFE  Fire Rated  Seismic  Drinking water safe  Cracked Concrete  Dynamic loading	 100 YEAR WORKING LIFE  Fire Rated  Seismic  Drinking water safe  Cracked Concrete  Dynamic loading	 Dynamic loading	 Dynamic loading	 Dynamic loading
Approvals	ETA 10/0309 ETA 07/0189	ETA 18/0675 ETA 20/0752	ETA 18/0675 ETA 20/0752	ETA 18/0045 ETA 18/0154	ETA 13/0681	ETA 13/0681	ETA 18/0197

*Performance of cored & oversized holes was not included in the ETAG test program and therefore is based on testing conducted at Ramset Product Engineering Laboratory.