

NZ
ONLY

Injection Adhesives



ISNE

C6EF-600

Key Features

- Pure Epoxy
- High bond Strength
- Submerged Application
- Tolerant of various hole conditions
- Quick 3 hour loading



**VESATILE
PURE EPOXY**



Epcon™C6EF is a high performance pure epoxy that provides high load capacity combined with tolerance to adverse anchoring environments including core drilled holes, oversized diameters, flooded conditions and underwater.

One product for all anchoring environments simplifies product selection.

Epcon™C6EF is designed for all weather dispensing and quick loading time to maximise productivity.

Advantages

- High load performance
- Reliable, strong epoxy bond in adverse conditions
- Versatile Pure Epoxy Chemistry
- Suitable for Flooded Holes, Oversized diameter, core drilled holes and underwater
- Quick 3 hour loading time @ 20°C
- Easy cold weather dispensing epoxy
- Long working time for deep embedment

Typical Applications

- Post - installed reinforcing bar connections for concrete walls, columns and beams
- Structural steel connections
- Starter Bars
- Threaded Studs

LOAD RANKING*

↑ DRY FLOODED
 ★★ ★★ ★★ ★★

Rebar Size Range - ø10 to ø32

Threaded Bar Size Range - M8 to M24

Epcon C6EF™

Installation Temperature Range: Adhesive 5°C to 35°C, Substrate 5°C to 30°C

Anchoring Environments				
Hole Condition	Drilled holes	Cored holes	Flooded holes	Oversized holes
Substrates	Solid Concrete			
Operating Temperature Range	Long Term: -40°C 50°C		Max Short Term: 80°C	

Working and Loading Times			
Substrate Temperature	EPCON™ C6EF		
	Working Time	Time to Full Load Capacity	
		Dry and Damp	Flooded and Underwater
10°C	27 min	8 hours	96 hours
16°C	23 min	5 hours	72 hours
20°C	20 min	3 hours	48 hours
27°C	12 min	2.5 hours	36 hours
32°C	8.5 min	2 hours	24 hours

Range and Order Numbers			Related Items	
Pack Size	Order Number	Box Qty	Applicator	Mixing Nozzle
600 ml	C6EF-600	15	CUAP/CUAR18	ISNE

For drilling dimensions and full Installation details, refer page 34

*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