ChemSet™ 101 Plus
Now Approved for Flooded holes!

Ramset™

Injection Adhesives

FLOODED HOLE APPROVED

VOC Compliant

Breathe Easy Styrene Free

CE
European Technical Approval
ETAG 001 Part 5 Option 7
Galvanised And Stainless Steel
Anchors ETA-13/0681
1020-CPD-090-029852

Key Features
- Marine Grade Polyester
- ETAG-001-5 Option 7 in solid concrete
- Flooded holes
- Hollow brick & block

ISKP   C101C   C101J   ISNP

Not just any polyester; Chemset™ 101 Plus is formulated using high performance, Marine Grade Polyester Resin. The European Technical Approval certification provides peace of mind that Chemset ™ 101 Plus will deliver what it promises: High Quality, consistent Load Capacity, even in flooded holes

Advantages
- Superior Marine Grade Polyester
- Suitable for flooded holes
- Hollow Brick and Concrete Block (See page 28 for perforated sleeves)
- Solid Concrete
- Styrene Free
- Easy cold weather dispensing
- Independent Certification
- Fast Setting for High Productivity
- Marine Grade Polyester
  - 100% Bond Strength in Flooded Holes
  - Resistant to alkaline environments
- Thixotropic, non-sag formula for overhead and horizontal applications
- Easy dispensing in cold climates
- Ideal for hollow substrates (with accessories)

Typical Applications
- Fabricated steel (Handrails, Sign posts, Safety rails)
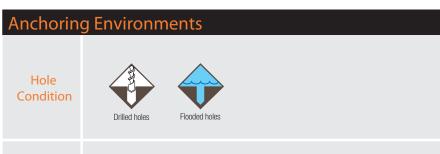- Gates, Fence posts, Rails to hollow brick and Block
- Starter bars

Approvals

Certification	Approval Number / Report Number	
European Technical Approval ETAG 001-5 Option 7	ETA 13/0681	ETA

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LOAD RANKING*

	DRY	FLOODED
↑	★★⯪	★★⯪

Rebar Size Range - ø8 to ø24

Threaded Bar Size Range - M8 to M24

Installation Temperature Range
Adhesive 5ºC to 30ºC
Substrate 0ºC to 40ºC

Anchoring Environments

Hole Condition	Drilled holes Flooded holes
Anchoring Environment	Dynamic loading
Substrates	Solid Concrete Hollow applications
Operating Temperature Range	Long Term: -40°C 50°C Max Short Term: 80°C

Working and Loading Times

Substrate Temperature	Working Time	Time to Full Load Capacity	
		Dry and Damp	Flooded and Underwater
5°C	18 min	145 minutes	145 minutes
10°C	10 min	85 minutes	85 minutes
20°C	6 min	50 minutes	50 minutes
25°C	5 min	40 minutes	40 minutes
30°C	4 min	35 minutes	35 minutes

Range and Order Numbers / Related Items

Pack Size	Order Number	Box Qty	Applicator	Mixing Nozzle
2 x 380ml Kit	ISKP	10	CUAP/CUAR18	ISNP#
380ml	C101C	20	CUAP/CUAR18	ISNP#
750ml	C101J	12	CUAP/CUAR18	ISNP#

AU ONLY

NOTE: Mixing nozzle ISNE is also approved for Chemset™ 101 Plus

For drilling dimensions and full Installation details, refer page 34. In hollow substrate, refer page 37

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