



New **EPCON C6+** Delivers Better Load Performance

Key Features and Benefits

DESIGN AND USE WITH CONFIDENCE

- **35% greater bond strength than the closest competition in 70°F concrete** reducing the utilization capacity that means connectives are less likely to fail.
- **On average, better performance in dry, saturated, and water-filled conditions** allowing you to design with confidence because there is less risk of installation in the wrong condition. To see a video demo of a side by side pull test of C6+ vs. competition, go to www.itwredhead.com

CONVENIENCE

One product for most environmental conditions and weather conditions

- Excellent performance in diamond cored and oversized holes.
- Installs even when concrete is wet, so no need to wait on the weather which means a less fatigued and safer worker.

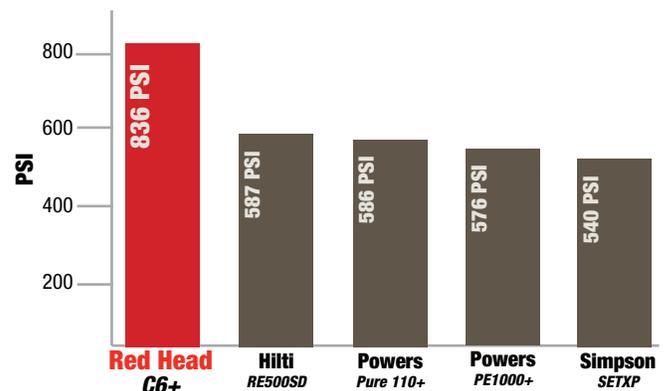
SAFE & DURABLE

to use at job sites (cartridges vs. sausage packs)

SIMPLIFIES SPECIFICATION PROCESS

by providing a comprehensive list of 3rd-party approvals

Average Bond Strength - Cracked Concrete

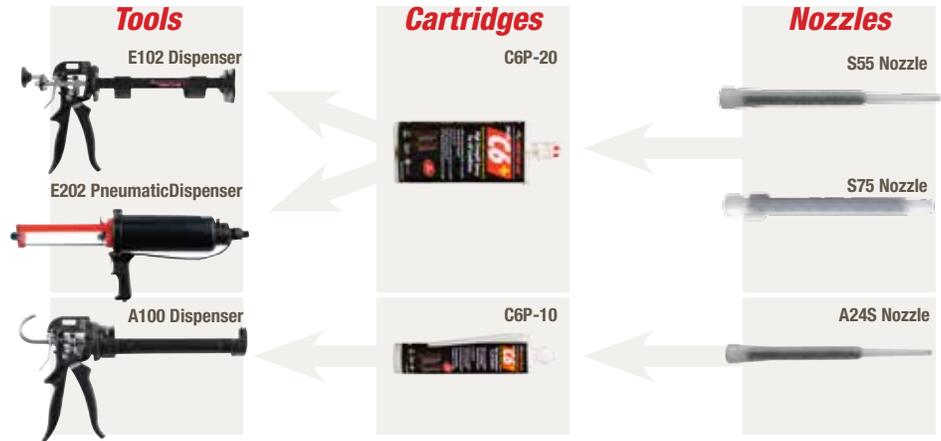


* 70°F long term/110°F short term performance data based on comparison of average bond strengths (including reduction factors) for all diameter threaded rods (periodic inspection) from published ICC-ES evaluation reports as of November 2013.

Average Bond Strength Across Conditions

		Epcon C6+	Hilti RE500SD	Powers PE 1000+	Powers PURE 110+	Simpson SET XP
Dry Concrete	Uncracked	1183	1266	851	972	1136
	Cracked	836	587	576	587	541
Saturated	Uncracked	1105	999	618	864	786
	Cracked	773	462	417	520	374
Water Filled	Uncracked	1001	934	589	864	n/a
	Cracked	708	431	399	520	n/a

* 70°F long term/110°F short term performance data based on comparison of average bond strengths (including reduction factors) for all diameter threaded rods (periodic inspection) from published ICC-ES evaluation reports as of November 2013.



Approvals/Listings

- ICC-ES ESR Report No. 3577, approved for Cracked, Uncracked, and all Seismic Zones (A~F)
 - Florida Building Code
 - BC2003/ 2006/2009
 - IRC 2003/2006/2009
- National Sanitation Foundation (NSF) 61-9

Storage Life

- 24 months shelf life
- Storage: for maximum shelf life, store between 50°F to 77°F

Cure Time and Working Time

Base Material	Cure Time	Base Material	Gel Time
C°		F°	
40°	3 hours	104°	3 min
35°	4 hours	95°	4 min
30°	5 hours	86°	6 min
25°	6 hours	77°	8 min
22°	7 hours	72°	11 min
15°	8 hours	59°	15 min
10°	12 hours	50°	20 min
4.4°	24 hours	40°	20 min

* For concrete temperatures between 40°F and 50°F, adhesive must be maintained at a minimum of 50°F during installation.

Product Category	Part No.	Description	Carton Qty						
Epcon C6+ Epoxy									
Epcon C6+ 20 fl. Oz	C6P-20	Epcon C6+ 20 fl. oz cartridge	6						
Epcon C6+ 8.5 fl. Oz	C6P-10	Epcon C6+ 8.5 fl. oz cartridge, installs with 10oz. dispensing tool	6						
Mixing Nozzles									
Mixing Nozzle - C6P-10	A24S	Mixing Nozzle for C6P-10, overall length 7-3/8"	24						
Mixing Nozzle - C6P-20	S55	Mixing Nozzle for C6P-20, overall length 10"	24						
High Flow Mixing Nozzle - C6P-20	S75	High Flow Nozzle for C6P-20 (for 5/8" diameter hole or larger), overall length 9-1/4"	24						
Mixing Nozzle Extension - C6P-20	S75EXT	Nozzle Extension For S75 High Flow Nozzle, overall length 9-14"	24						
Dispensing Guns									
Dispensing Gun - C6P-10	A100	Manual Dispenser for C6P-10	1						
Dispensing Gun - C6P-20	E102	Manual Dispenser for C6P-20	1						
Pneumatic Dispensing Gun - C6P-20	E202	Pneumatic Dispenser for C6P-20	1						
Piston Plug									
Piston plugs for deep embedment installations greater than 10"	PL-5834	Piston Plug for 5/8" and 3/4" diameter anchors	10						
	PL-7810	Piston Plug for 7/8" and 1" diameter anchors	10						
	PL-1250	Piston Plug for 1-1/4" diameter anchors	10						
Extension Tube									
Extension Tube	E916-6	6-foot long extension tube for use with piston plugs	1						
Wire Brushes									
	Part No.	Anchor Dia.	Drill Bit Dia.	Rebar	Drill Bit Dia.	Brush Dia.	Overall Length	Qty	
3/8" Diameter Brush	SB038	3/8"	7/16"	No.3	7/16"	5/8"	4-7/8"	4	
1/2" Diameter Brush	SB012	1/2"	9/16"	No.4	5/8"	3/4"	4-7/8"	4	
5/8" Diameter Brush	SB058	5/8"	3/4"	No.5	3/4"	1"	4-7/8"	4	
3/4" Diameter Brush	SB034	3/4"	7/8"	No.6	7/8"	1-1/4"	4-7/8"	4	
7/8" Diameter Brush	SB078	7/8"	1"	No.7	1"	1-1/2"	5-1/8"	4	
1" Diameter Brush	SB010	1"	1-1/8"	No.7	1-1/8"	1-5/8"	5-1/4"	4	
1-1/4" Diameter Brush	SB125	1-1/4"	1-3/8"	No.10	1-3/8"	1-3/4"	5-1/4"	4	
Brush Extension	ESDS-38	Wire brush 12" usable extension with SDS+ adaptor							1
Brush Extension	EHAN-38	Wire brush 12" usable extension with T-Handle							1
Hole Plugs				Part No.		Hole Diameter		Qty	
3/8" Diameter Hole Plug	E038	7/16"						25	
1/2" Diameter Hole Plug	E012	9/16"						25	
5/8" Diameter Hole Plug	E058	3/4"						20	
3/4" Diameter Hole Plug	E034	7/8"						20	
7/8" Diameter Hole Plug	E078	1"						10	
1" Diameter Hole Plug	E010	1-1/8"						10	