



**POWERS
7TH EDITION
TECHNICAL
MANUAL
IS NOW
AVAILABLE!**

Please contact your local Powers Field Engineer at 800-524-3244 to schedule a Lunch & Learn and receive your new Tech Manual.

**Powers Design Assist
Anchor Software**
www.powersdesignassist.com



ROCK SOLID ANCHORING SPECIFY WITH CONFIDENCE

Pure110+® EPOXY INJECTION ADHESIVE ANCHORING SYSTEM

The new building code requires that all epoxies be tested to a new standard, 110° F. Pure110+ has been tested, and approved to that standard and is now available in original 1:1 mix ratio formula, and new easy-to-dispense 3:1 formula.

Recognized for its freeze / thaw performance and long & short term loading, Pure110+ can be installed in a wide range of temperatures, base materials and conditions. Perfect to specify on demanding job sites.



ICC-ES ESR (concrete)	ESR-3298
Revision Date	2015 Jan
Cracked Concrete	✓
Seismic Approval in Concrete	✓
Rebar Approval	✓
VOC	✓
NSF 61 (potable drinking water)	✓
2010 FBC	✓

Anchor software developed to visualize, quickly calculate, and specify concrete anchors in accordance with ACI 318 and CSA A23.3. Visit: www.powersdesignassist.com





CODE LISTED
ICC-ES ESR-3298
CRACKED CONCRETE

Pure110+®
Adhesive Anchoring System

Pure110+ is a two-component epoxy adhesive anchoring system. The system includes injection adhesive in plastic cartridges, mixing nozzles, dispensing tools and hole cleaning equipment. Pure110+ is designed for bonding threaded rod and reinforcing bar hardware into drilled holes in solid concrete base materials. Now also available in easy-to-dispense 3:1 mix ratio formula.

PURE110+ CARTRIDGES			
CAT. NO.	DESCRIPTION	STD. BOX	PALLET
08310SD	9 fl. oz. Quik-Shot cartridge 1:1 mix ratio formula	12	432
08321SD	21 fl. oz. dual cartridge 1:1 mix ratio formula	12	540
08313SD	13 fl. oz. 3:1 mix ratio formula	12	540
08320SD	20 fl. oz. 3:1 mix ratio formula	12	540

One Pure110+ mixing nozzle is packaged with each cartridge. Pure110+ mixing nozzles must be used to ensure complete and proper mixing of the adhesive.



CARTRIDGE SYSTEM MIXING NOZZLES			
CAT. NO.	DESCRIPTION	STD. PACK.	STD. CTN.
08294	Extra mixing nozzle (w/8" extension) for Pure110+ Quik-Shot	2	24
08281	Mixing nozzle extension, 8" minimum	2	24
08609	Extra high flow mixing nozzle (w/8" extension) for Pure110+ dual cartridge	2	24
08297	Flex extension tubing for piston plug	1	12



08409

08421

08442

08413

08437

08479

08279SD

08298

08497SD

DISPENSING TOOLS FOR INJECTION ADHESIVE			
CAT. NO.	DESCRIPTION	STD. BOX	STD. CTN.
08409	21 fl. oz. Standard all-metal manual tool	1	10
08421	21 fl. oz. High performance manual tool	1	10
08437	Manual caulking gun for Quik-Shot	1	12
08438	51 fl. oz. Pneumatic tool	1	-
08442	21 fl. oz. Battery powered tool (cordless)	1	-
08479	High performance caulking gun for Quik-Shot	1	12
08298	13 + 20 fl. oz. 3:1 mix ratio manual tool	1	6
08279SD	13 + 20 fl. oz. 3:1 mix ratio battery powered tool	1	-
08497SD	13 + 20 fl. oz. 3:1 mix ratio pneumatic tool	1	6



08284

08285

08286

08287

08288

08289

08290

08283

08296

08292

08282

08465



8280



52073

HOLE CLEANING TOOLS & ACCESSORIES			
CAT. NO.	DESCRIPTION	LENGTH INCHES	STD. PKG.
08284	Wire brush for 7/16" ANSI hole (3/8" rod or #3 rebar)	6-3/4"	1
08285	Wire brush for 9/16" ANSI hole (1/2" rod or #4 rebar)	6-3/4"	1
08275	Wire brush for 5/8" ANSI hole (5/8" rod or #4 rebar)	6-3/4"	1
08286	Wire brush for 11/16" ANSI hole (5/8" rod or #5 rebar)	7-7/8"	1
08278	Wire brush for 3/4" ANSI hole (5/8" rod or #5 rebar)	7-7/8"	1
08287	Wire brush for 7/8" ANSI hole (3/4" rod or #6 rebar)	7-7/8"	1
08288	Wire brush for 1" ANSI hole (7/8" rod or #7 rebar)	11-7/8"	1
08289	Wire brush for 1-1/8" ANSI hole (1" rod or #8 rebar)	11-7/8"	1
08290	Wire brush for 1-3/8" ANSI hole (1-1/4" rod or #9 rebar)	11-7/8"	1
08291	Wire brush for 1-1/2" ANSI hole (#10 rebar)	11-7/8"	1
08283	SDS-plus adapter for steel brushes		1
08296	Standard drill adapter for steel brushes (e.g. Jacobs Chuck)		1
08282	Steel brush extension, 12"		1
08280	Hand pump/dust blower (25 fl. oz. cylinder volume)		1
08292	Air compressor nozzle with extension		1
08465	Adjustable torque wrench with 1/2 square drive (10 to 150 ft.-lbs.)		1
08466	Adjustable torque wrench with 1/2 square drive (25 to 250 ft.-lbs.)		1
52073	Adhesive cleaning kit, includes 4 wire brushes (08284, 08285, 08286, 08287), steel brush extension (08282), SDS-Pus adapter (08283), standard drill adapter (08296), hand pump/dust blower (08280), gloves and safety glasses		1



Mixing nozzle included with each cartridge

CODE LISTED
ICC-ES ESR-2582
CRACKED CONCRETE

CODE LISTED
ICC-ES ESR-3200
MASONRY

New!

AC100+Gold®

Adhesive Anchoring System

The AC100+Gold is a two-component vinyl ester adhesive anchoring system. The system includes injection adhesive in plastic cartridges, mixing nozzles, dispensing tools and hole cleaning equipment. The AC100+Gold is designed for bonding threaded rod and reinforcing bar hardware into drilled holes in concrete and masonry base materials.

AC100+GOLD CARTRIDGES				
CAT. NO.	DESCRIPTION	STD. BOX	STD. CTN.	PALLET
8478SD	10 fl. oz. Quik-Shot	12	36	648
8486SD	12 fl. oz. dual cartridge	-	12	540
8490SD	28 fl. oz. dual cartridge	-	8	240

One AC100+Gold mixing nozzle is packaged with each cartridge. AC100+Gold mixing nozzles must be used to ensure complete and proper mixing of the adhesive.



CARTRIDGE SYSTEM MIXING NOZZLES				
CAT. NO.	DESCRIPTION	STD. BOX	STD. CTN.	
08293	Extra mixing nozzle for AC100+Gold 10 oz. & 12 oz.	2	24	
08294	Extra mixing nozzle (with 8" extension) for AC100+Gold 28 oz.	2	24	
08281	Mixing nozzle extension, 8"	2	24	
08297	Flex extension tubing for piston plug	1	12	



DISPENSING TOOLS FOR INJECTION ADHESIVE				
CAT. NO.	DESCRIPTION	STD. BOX	STD. CTN.	
08437	Manual caulking gun for Quik-Shot	1	12	
08479	High performance caulking gun for Quik-Shot	1	12	
08485	AC100+Gold 8 oz., 10 oz. & 12 oz. high performance manual tool	1	20	
08494	AC100+Gold 28 oz. standard all-metal manual tool	1	-	
08495	AC100+Gold 28 oz. high performance manual tool	1	-	



PNEUMATIC INJECTION TOOL DELIVERY SYSTEM				
CAT. NO.	DESCRIPTION	STD. BOX	STD. CTN.	
08496	28 oz. High Performance Pneumatic Tool	1	1	



BATTERY INJECTION DISPENSING TOOL				
CAT. NO.	DESCRIPTION	STD. BOX	STD. CTN.	
08444*	28 oz. High Performance Battery Tool	1	1	

* Dispenses 12 cartridges at 70°F * Dispenses 6 cartridges at 30°F



HOLE CLEANING TOOLS & ACCESSORIES				
CAT. NO.	DESCRIPTION	LENGTH INCHES	STD. PKG.	
08284	Wire brush for 7/16" ANSI hole (3/8" rod or #3 rebar)	6-3/4"	1	
08285	Wire brush for 9/16" ANSI hole (1/2" rod or #4 rebar)	6-3/4"	1	
08275	Wire brush for 5/8" ANSI hole (5/8" rod or #4 rebar)	6-3/4"	1	
08286	Wire brush for 11/16" ANSI hole (5/8" rod or #5 rebar)	7-7/8"	1	
08278	Wire brush for 3/4" ANSI hole (5/8" rod or #5 rebar)	7-7/8"	1	
08287	Wire brush for 7/8" ANSI hole (3/4" rod or #6 rebar)	7-7/8"	1	
08288	Wire brush for 1" ANSI hole (7/8" rod or #7 rebar)	11-7/8"	1	
08289	Wire brush for 1-1/8" ANSI hole (1" rod or #8 rebar)	11-7/8"	1	
08290	Wire brush for 1-3/8" ANSI hole (1-1/4" rod or #9 rebar)	11-7/8"	1	
08291	Wire brush for 1-1/2" ANSI hole (#10 rebar)	11-7/8"	1	
08283	SDS-plus adapter for steel brushes		1	
08296	Standard drill adapter for steel brushes (e.g. Jacobs Chuck)		1	
08282	Steel brush extension, 12"		1	
08280	Hand pump/dust blower (25 fl. oz. cylinder volume)		1	
08292	Air compressor nozzle with extension		1	
08465	Adjustable torque wrench with 1/2 square drive (10 to 150 ft.-lbs.)		1	
08466	Adjustable torque wrench with 1/2 square drive (25 to 250 ft.-lbs.)		1	
52073	Adhesive cleaning kit, includes 4 wire brushes (08284, 08285, 08286, 08287), steel brush extension (08282), SDS-Pus adapter (08283), standard drill adapter (08296), hand pump/dust blower (08280), gloves and safety glasses		1	