



**RED HEAD®**

**ADHESIVES**

# **EPCON** **S7**™

## Fast Cure Adhesive



Epcon S7 hybrid epoxy is the **ONLY** fast cure ICC-ES listed adhesive for use in submerged and water-filled holes, as well as saturated and dry conditions.

### FEATURES AND BENEFITS

- **Convenience:** one product for all environmental conditions, applications and weather conditions
  - Only fast cure for wet and underwater holes
  - Cold temperature installation (0°-110°F)
  - Can go to 20D embedment depth
  - ICC approval for rebar, rod, cracked, uncracked, and ASTM Type IV approval
- **Saves labor cost** - Combination of a fast cure with high flow nozzles drastically reduces installation time
- **Saves upfront cost** - Compatible with A7 tools
- **Use with confidence**
  - It's an epoxy at its backbone with features of acrylics
  - Made in USA
- **Safe and durable** to use at jobsites - no hazardous waste, disposable Cartridge vs. sausage pack packaging



### CURE TIMES

Concrete (°F)	Adhesive (°F)	Gel Time (min.)	Cure Time (hrs.)
0	40	18	24
14	30	30	12
30	30	14	2
50	50	6	.75
70	70	4	.50
90	90	2	.50
110	110	1	.50

### EDGE AND SPACE DISTANCE

Nominal Anchor Diameter	Minimum Spacing (in.)	Minimum Edge Distance (in.)
3/8	15/16	15/16
1/2	1-1/2	1-1/2
5/8	2-1/2	2-1/2
3/4	3	3
7/8	3-1/2	3-1/2
1	4	4
1-1/4	5	5

### STORAGE LIFE

- 15 months shelf life
- Store between 40°F - 80°F

### PACKAGING

- Hard plastic cartridges
  - 10 fl oz.
  - 28 fl oz.

### APPLICATIONS / USES

- Formulated and approved for use in water saturated, submerged, and damp holes
- Can be installed in a variety of base material temperatures
- Adheres threaded rod and reinforcing bar into solid concrete

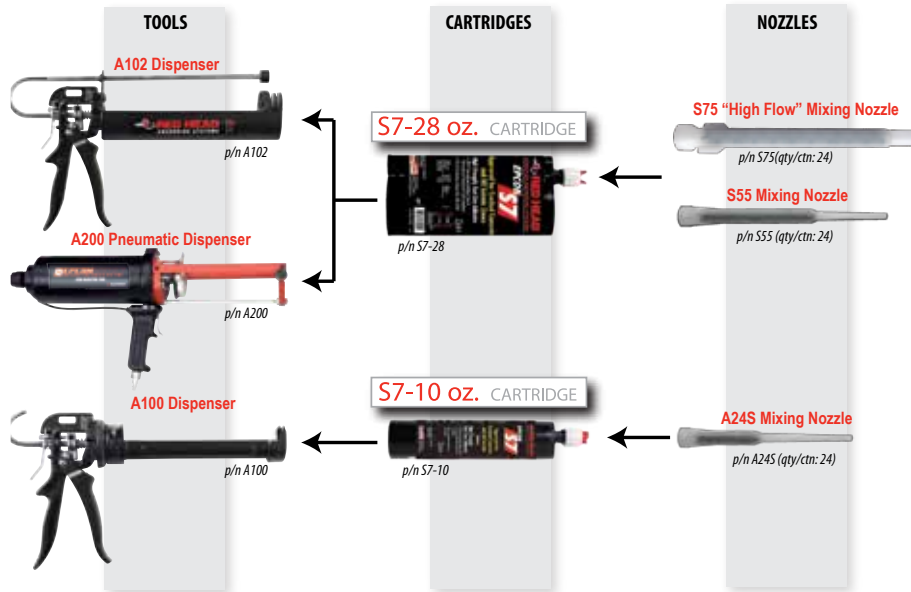
### APPROVALS / LISTINGS

- ICC-ES ESR Report No. 2308 for Cracked, Uncracked, and all Seismic Zones
- Florida Building Code
- IBC 2006/2009
- NSF
- ASTM C881 Type I, II, IV, V; Class A, B, C





**SELECTION GUIDE**



Product	Part Number	Description					Carton Qty
<b>EPCON S7</b>							
Epcon S7-10 oz.	S7-10	Fast-Cure Hybrid Epoxy, 1 Master Pack, 6 tubes with nozzles					6
Epcon S7-28 oz.	S7-28	Fast-Cure, Hybrid Epoxy, 1 Master Pack, 4 tubes					4
<b>DISPENSING GUNS</b>							
Dispensing Gun - 10 oz.	A100	Manual Dispenser for S7-10					1
Dispensing Gun - 28 oz.	A102	Manual Dispenser for S7-28					1
Pneumatic Dispensing Gun - 28 oz.	A200	Pneumatic Dispenser for S7-28					1
<b>MIXING NOZZLES</b>							
Mixing Nozzle - 10 oz.	A24S	Nozzle for S7-10					24
Mixing Nozzle - 28 oz.	S55	Nozzle for S7-28					24
High Flow Mixing Nozzle - 28 oz.	S75	High Flow Nozzle for S7-28 (for 5/8" diameter holes or larger)					24
Mixing Nozzle Extension - 28 oz.	S75EXT	Nozzle Extension for S75 high flow nozzle					24
<b>WIRE BRUSHES</b>							
		Anchor Dia.	Rebar	Drill Bit Dia.	Brush Dia.	Overall Length	
3/8" Diameter Brush	SB038	3/8"	No. 3	7/16"	5/8"	4-7/8"	4
1/2" Diameter Brush	SB012	1/2"	-	9/16"	3/4"	4-7/8"	4
5/8" Diameter Brush	SB058	5/8"	No. 5	3/4"	1"	4-7/8"	4
3/4" Diameter Brush	SB034	3/4"	No. 6	7/8"	1-1/4"	4-7/8"	4
7/8" Diameter Brush	SB078	7/8"	-	1"	1-1/2"	5-1/8"	4
1" Diameter Brush	SB010	1"	No. 7	1-1/8"	1-5/8"	5-1/4"	4
1 1/4" Diameter Brush	SB125	1-1/4"	-	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
<b>HOLE PLUGS</b>							
		Hole Dia.					
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