



## FIX" Epoxy Anchoring System

**FIX"** epoxy is a 100% solid, odor free, two part component high strength, non sagging epoxy resin adhesive for vertical and overhead bolt and dowel grouting, patching, gap filling, joining irregular shaped materials and as a binder in epoxy mortar. **"FIX"** epoxy is moisture insensitive and may be used on a dry, damp or wet surfaces. **"FIX"** epoxy cartridge system is available in 22 oz. (600 ml) and provides a unique method of handling, storing, and dispensing of the two part components materials. **"FIX"** cartridges are ideal for low to medium volume material users that wish to eliminate problems associated with the use of two component epoxy adhesive. **"FIX"** epoxy is also available in gallon unit designed for plural component mix machines or manual mixing and troweling.

### USES

Concrete Construction  
Bridges  
Culvers  
New and Old Concrete  
Crack Repairs

Tanks  
Bolt and Dowel Grouting  
Anchoring Deformed Tie Bars  
Adhesives for Wood, Metal, Fiberglass

### TYPICAL PROPERTIES

Gel Time:	6 Minutes
Viscosity:	heavy paste
Consistency:	non - sag grey gel
Water Absorption:	0.02%
Deflection Temperature:	121 °F
Compressive Strength (24 hrs.):	6700 PSI
Diagonal Shear Strength:	6365 PSI
Pull Out (#4 bar) 12" embed depth:	16000 PSI

### Epoxy Cure Times

(°F)	(°C)	Initial Set Time (hrs.)	Bolt - Up Time (hrs.)	Cure Time (hrs.)
40 - 50	4.4 - 10	5	12	96
51 - 60	10.5-15.5	4	8	72
61 - 70	16 - 21	3	6	48
71 - 80	21.7 - 26.7	2	4	36
80+	+26.7	1	4	24

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### FM Stainless, LLC

328 Maddox Drive Ellijay, GA 30540  
706-636-1881 Fax 706-636-1882

[specs@fmstainless.com](mailto:specs@fmstainless.com) [www.fmstainless.com](http://www.fmstainless.com)



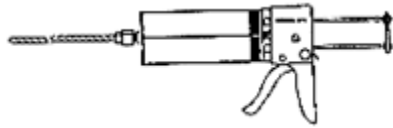
**Anchors Per Cartridge Estimating Guide**  
hole depth (inches)

Bolt Size Hole Size Cartridge Size (oz)	3/8" 1/2"	1/2" 5/8"	5/8" 3/4"	3/4" 7/8"	7/8" 1"	Bolt Size Hole Size Cartridge Size (oz)	1" 1 1/8"	1 1/8" 1 1/4"	1 1/4" 1 3/8"	1 3/8" 1 1/2"
	22 oz	22 oz	22 oz	22 oz	22 oz		22 oz	22 oz	22 oz	22 oz
1"	324	224	176	141	120	1"	98	96	78	76
2"	162	112	88	71	60	2"	49	48	39	39
3"	108	74	58	47	40	3"	32	31	26	25
4"	82	56	44	35	30	4"	25	24	19	19
5"	64	45	35	27	24	5"	20	19	16	16
6"	54	38	29	24	20	6"	17	16	13	13
7"	46	32	25	20	17	7"	15	14	11	10
8"	40	28	22	18	15	8"	13	13	9	9
9"	36	25	20	16	14	9"	11	10	8	8
10"	32	22	18	15	13	10"	9	9	7	7
11"	29	20	16	13	10	11"	9	8	6	6
12"	27	19	15	12	10	12"	8	8	6	6
13"	25	18	14	10	9	13"	7	7	6	6
14"	23	16	13	10	8	14"	7	7	5	5
15"	22	15	12	9	8	15"	6	6	5	5
16"	21	14	12	9	7	16"	6	6	5	5
17"	19	13	11	8	7	17"	6	5	4	4
18"	18	13	10	8	6	18"	5	5	4	4
19"	17	12	10	7	6	19"	5	5	4	4
20"	17	12	9	7	6	20"	5	5	4	4

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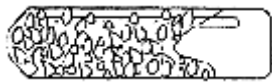
## Additional Products



2 Part Epoxy Injection Tool



Epoxy Rods



Capsule Anchors



Internal Thread Rods



Chisel Point Rods for capsule anchor