

## ESTIMATED NUMBER OF ANCHOR INSTALLATIONS

**Per 28 fl. oz. Cartridge Installed with Threaded Rod in Solid Base Materials<sup>1</sup>**



Threaded Rod Size in.	Hole Diameter in.	Embedment Depth, h <sub>nom</sub> inches (mm)														
		1 (25.4)	2 (50.8)	3 (76.2)	4 (101.6)	5 (127.0)	6 (152.4)	7 (177.8)	8 (203.2)	9 (228.6)	10 (254.0)	11 (279.4)	12 (304.8)	13 (330.2)	14 (355.6)	15 (381.0)
1/4	5/16	931.9	465.9	310.6	232.9	186.3	155.3	133.1	116.4	103.5	93.1	84.7	77.6	71.6	66.5	62.1
3/8	7/16	514.1	257.0	171.3	128.5	102.8	85.6	73.4	64.2	57.1	51.4	46.7	42.8	39.5	36.7	34.2
1/2	9/16	340.0	170.0	113.3	85.0	68.0	56.6	48.5	42.5	37.7	34.0	30.9	28.3	26.1	24.2	22.6
5/8	3/4	180.7	90.3	60.2	45.1	36.1	30.1	25.8	22.5	20.0	18.0	16.4	15.0	13.9	12.9	12.0
3/4	7/8	137.7	68.8	45.9	34.4	27.5	22.9	19.6	17.2	15.3	13.7	12.5	11.4	10.5	9.8	9.1
7/8	1	110.1	55.0	36.7	27.5	22.0	18.3	15.7	13.7	12.2	11.0	10.0	9.1	8.4	7.8	7.3
1	1-1/8	88.3	44.1	29.4	22.0	17.6	14.7	12.6	11.0	9.8	8.8	8.0	7.3	6.7	6.3	5.8
1-1/8	1-1/4	73.4	36.7	24.4	18.3	14.6	12.2	10.4	9.1	8.1	7.3	6.6	6.1	5.6	5.2	4.8
1-1/4	1-3/8	62.7	31.3	20.9	15.6	12.5	10.4	8.9	7.8	6.9	6.2	5.7	5.2	4.8	4.4	4.1

**Per 10 fl. oz. Cartridge Installed with Threaded Rod in Solid Base Materials<sup>1</sup>**



Threaded Rod Size in.	Hole Diameter in.	Embedment Depth, h <sub>nom</sub> inches (mm)														
		1 (25.4)	2 (50.8)	3 (76.2)	4 (101.6)	5 (127.0)	6 (152.4)	7 (177.8)	8 (203.2)	9 (228.6)	10 (254.0)	11 (279.4)	12 (304.8)	13 (330.2)	14 (355.6)	15 (381.0)
1/4	5/16	333.7	166.8	111.2	83.4	66.7	55.6	47.6	41.7	37.0	33.3	30.3	27.8	25.6	23.8	22.2
3/8	7/16	184.0	92.0	61.3	46.0	36.8	30.6	26.2	23.0	20.4	18.4	16.7	15.3	14.1	13.1	12.2
1/2	9/16	121.7	60.8	40.5	30.4	24.3	20.2	17.3	15.2	13.5	12.1	11.0	10.1	9.3	8.6	8.1
5/8	3/4	64.7	32.3	21.5	16.1	12.9	10.7	9.2	8.0	7.1	6.4	5.8	5.3	4.9	4.6	4.3
3/4	7/8	49.3	24.6	16.4	12.3	9.8	8.2	7.0	6.1	5.4	4.9	4.4	4.1	3.7	3.5	3.2
7/8	1	39.4	19.7	13.1	9.8	7.8	6.5	5.6	4.9	4.3	3.9	3.5	3.2	3.0	2.8	2.6
1	1-1/8	31.6	15.8	10.5	7.9	6.3	5.2	4.5	3.9	3.5	3.1	2.8	2.6	2.4	2.2	2.1
1-1/8	1-1/4	26.2	13.1	8.7	6.5	5.2	4.3	3.7	3.2	2.9	2.6	2.3	2.1	2.0	1.8	1.7
1-1/4	1-3/8	22.4	11.2	7.4	5.6	4.4	3.7	3.2	2.8	2.4	2.2	2.0	1.8	1.7	1.6	1.4

**Per 28 fl. oz. Cartridge Installed with Reinforcing Bar in Solid Base Materials<sup>1</sup>**



Rebar Size #	Hole Diameter in.	Embedment Depth, h <sub>nom</sub> inches (mm)														
		1 (25.4)	2 (50.8)	3 (76.2)	4 (101.6)	5 (127.0)	6 (152.4)	7 (177.8)	8 (203.2)	9 (228.6)	10 (254.0)	11 (279.4)	12 (304.8)	13 (330.2)	14 (355.6)	15 (381.0)
#3	7/16	571.6	285.8	190.5	142.9	114.3	95.2	81.6	71.4	63.5	57.1	51.9	47.6	43.9	40.8	38.1
#4	9/16	381.9	190.9	127.3	95.4	76.3	63.6	54.5	47.7	42.4	38.1	34.7	31.8	29.3	27.2	25.4
#5	3/4	197.8	98.9	65.9	49.4	39.5	32.9	28.2	24.7	21.9	19.7	17.9	16.4	15.2	14.1	13.1
#6	7/8	150.9	75.4	50.3	37.7	30.1	25.1	21.5	18.8	16.7	15.0	13.7	12.5	11.6	10.7	10.0
#7	1	121.0	60.5	40.3	30.2	24.2	20.1	17.2	15.1	13.4	12.1	11.0	10.0	9.3	8.6	8.0
#8	1-1/8	97.3	48.6	32.4	24.3	19.4	16.2	13.9	12.1	10.8	9.7	8.8	8.1	7.4	6.9	6.4
#9	1-3/8	59.6	29.8	19.8	14.9	11.9	9.9	8.5	7.4	6.6	5.9	5.4	4.9	4.5	4.2	3.9
#10	1-1/2	52.6	26.3	17.5	13.1	10.5	8.7	7.5	6.5	5.8	5.2	4.7	4.3	4.0	3.7	3.5
#11	1-5/8	47.0	23.5	15.6	11.7	9.4	7.8	6.7	5.8	5.2	4.7	4.2	3.9	3.6	3.3	3.1

**Per 9 fl. oz. Cartridge Installed with Reinforcing Bar in Solid Base Materials<sup>1</sup>**



Rebar Size #	Hole Diameter in.	Embedment Depth, h <sub>nom</sub> inches (mm)														
		1 (25.4)	2 (50.8)	3 (76.2)	4 (101.6)	5 (127.0)	6 (152.4)	7 (177.8)	8 (203.2)	9 (228.6)	10 (254.0)	11 (279.4)	12 (304.8)	13 (330.2)	14 (355.6)	15 (381.0)
#3	7/16	204.6	102.3	68.2	51.1	40.9	34.1	29.2	25.5	22.7	20.4	18.6	17.0	15.7	14.6	13.6
#4	9/16	136.7	68.3	45.5	34.1	27.3	22.7	19.5	17.0	15.1	13.6	12.4	11.3	10.5	9.7	9.1
#5	3/4	70.8	35.4	23.6	17.7	14.1	11.8	10.1	8.8	7.8	7.0	6.4	5.9	5.4	5.0	4.7
#6	7/8	54.0	27.0	18.0	13.5	10.8	9.0	7.7	6.7	6.0	5.4	4.9	4.5	4.1	3.8	3.6
#7	1	43.3	21.6	14.4	10.8	8.6	7.2	6.1	5.4	4.8	4.3	3.9	3.6	3.3	3.0	2.8
#8	1 1/8	34.8	17.4	11.6	8.7	6.9	5.8	4.9	4.3	3.8	3.4	3.1	2.9	2.6	2.4	2.3
#9	1 3/8	21.3	10.6	7.1	5.3	4.2	3.5	3.0	2.6	2.3	2.1	1.9	1.7	1.6	1.5	1.4
#10	1 1/2	18.8	9.4	6.2	4.7	3.7	3.1	2.6	2.3	2.0	1.8	1.7	1.5	1.4	1.3	1.2
#11	1 5/8	16.8	8.4	5.6	4.2	3.3	2.8	2.4	2.1	1.8	1.6	1.5	1.4	1.2	1.2	1.1

1. Tabulated values do not account for waste

**AC200+™**  
Acrylic Injection  
Adhesive Anchoring System  
and Post-Installed  
Reinforcing Bar  
Connections



**AC100+® Gold**  
Vinylester Injection  
Adhesive Anchoring System





ENGINEERED BY Powers™

# EPOXY

## ESTIMATED NUMBER OF ANCHOR INSTALLATIONS

### Per 21 Fl. Oz. Cartridge Installed With Threaded Rod In Solid Base Materials<sup>1</sup>



Threaded Rod Size in.	Hole Diameter in.	Embedment Depth, h <sub>nom</sub> inches (mm)														
		1 (25.4)	2 (50.8)	3 (76.2)	4 (101.6)	5 (127.0)	6 (152.4)	7 (177.8)	8 (203.2)	9 (228.6)	10 (254.0)	11 (279.4)	12 (304.8)	13 (330.2)	14 (355.6)	15 (381.0)
1/4	5/16	689.8	344.9	229.9	172.4	137.9	114.9	98.5	86.2	76.6	68.9	62.7	57.4	53.0	49.2	45.9
3/8	7/16	380.5	190.2	126.8	95.1	76.1	63.4	54.3	47.5	42.2	38.0	34.5	31.7	29.2	27.1	25.3
1/2	9/16	251.7	125.8	83.9	62.9	50.3	41.9	35.9	31.4	27.9	25.1	22.8	20.9	19.3	17.9	16.7
5/8	3/4	133.8	66.9	44.6	33.4	26.7	22.3	19.1	16.7	14.8	13.3	12.1	11.1	10.2	9.5	8.9
3/4	7/8	101.9	50.9	33.9	25.4	20.3	16.9	14.5	12.7	11.3	10.1	9.2	8.4	7.8	7.2	6.7
7/8	1	81.5	40.7	27.1	20.3	16.3	13.5	11.6	10.1	9.0	8.1	7.4	6.7	6.2	5.8	5.4
1	1-1/8	65.3	32.6	21.7	16.3	13.0	10.8	9.3	8.1	7.2	6.5	5.9	5.4	5.0	4.6	4.3
1-1/8	1-1/4	54.3	27.1	18.1	13.5	10.8	9.0	7.7	6.7	6.0	5.4	4.9	4.5	4.1	3.8	3.6
1-1/4	1-3/8	46.4	23.2	15.4	11.6	9.2	7.7	6.6	5.8	5.1	4.6	4.2	3.8	3.5	3.3	3.0

### Per 9 fl. oz. Cartridge Installed With Threaded Rod In Solid Base Materials<sup>1</sup>



Threaded Rod Size in.	Hole Diameter in.	Embedment Depth, h <sub>nom</sub> inches (mm)														
		1 (25.4)	2 (50.8)	3 (76.2)	4 (101.6)	5 (127.0)	6 (152.4)	7 (177.8)	8 (203.2)	9 (228.6)	10 (254.0)	11 (279.4)	12 (304.8)	13 (330.2)	14 (355.6)	15 (381.0)
1/4	5/16	299.1	149.5	99.7	74.7	59.8	49.8	42.7	37.3	33.2	29.9	27.1	24.9	23.0	21.3	19.9
3/8	7/16	165.0	82.5	55.0	41.2	33.0	27.5	23.5	20.6	18.3	16.5	15.0	13.7	12.6	11.7	11.0
1/2	9/16	109.1	54.5	36.3	27.2	21.8	18.1	15.5	13.6	12.1	10.9	9.9	9.0	8.3	7.7	7.2
5/8	3/4	58.0	29.0	19.3	14.5	11.6	9.6	8.2	7.2	6.4	5.8	5.2	4.8	4.4	4.1	3.8
3/4	7/8	44.2	22.1	14.7	11.0	8.8	7.3	6.3	5.5	4.9	4.4	4.0	3.6	3.4	3.1	2.9
7/8	1	35.3	17.6	11.7	8.8	7.0	5.8	5.0	4.4	3.9	3.5	3.2	2.9	2.7	2.5	2.3
1	1-1/8	28.3	14.1	9.4	7.0	5.6	4.7	4.0	3.5	3.1	2.8	2.5	2.3	2.1	2.0	1.8
1-1/8	1-1/4	23.5	11.7	7.8	5.8	4.7	3.9	3.3	2.9	2.6	2.3	2.1	1.9	1.8	1.6	1.5
1-1/4	1-3/8	20.1	10.0	6.7	5.0	4.0	3.3	2.8	2.5	2.2	2.0	1.8	1.6	1.5	1.4	1.3

### Per 21 fl. oz. Cartridge Installed with Reinforcing Bar in Solid Base Materials<sup>1</sup>



Rebar Size #	Hole Diameter in.	Embedment Depth, h <sub>nom</sub> inches (mm)														
		1 (25.4)	2 (50.8)	3 (76.2)	4 (101.6)	5 (127.0)	6 (152.4)	7 (177.8)	8 (203.2)	9 (228.6)	10 (254.0)	11 (279.4)	12 (304.8)	13 (330.2)	14 (355.6)	15 (381.0)
#3	7/16	423.1	211.5	141.0	105.7	84.6	70.5	60.4	52.8	47.0	42.3	38.4	35.2	32.5	30.2	28.2
#4	9/16	282.7	141.3	94.2	70.6	56.5	47.1	40.3	35.3	31.4	28.2	25.7	23.5	21.7	20.1	18.8
#5	3/4	146.4	73.2	48.8	36.6	29.2	24.4	20.9	18.3	16.2	14.6	13.3	12.2	11.2	10.4	9.7
#6	7/8	111.7	55.8	37.2	27.9	22.3	18.6	15.9	13.9	12.4	11.1	10.1	9.3	8.5	7.9	7.4
#7	1	89.6	44.8	29.8	22.4	17.9	14.9	12.8	11.2	9.9	8.9	8.1	7.4	6.8	6.4	5.9
#8	1-1/8	72.0	36.0	24.0	18.0	14.4	12.0	10.2	9.0	8.0	7.2	6.5	6.0	5.5	5.1	4.8
#9	1-3/8	44.1	22.0	14.7	11.0	8.8	7.3	6.3	5.5	4.9	4.4	4.0	3.6	3.3	3.1	2.9
#10	1-1/2	38.9	19.4	12.9	9.7	7.7	6.4	5.5	4.8	4.3	3.8	3.5	3.2	2.9	2.7	2.5
#11	1-5/8	34.8	17.4	11.6	8.7	6.9	5.8	4.9	4.3	3.8	3.4	3.1	2.9	2.6	2.4	2.3

### Per 9 fl. oz. Cartridge Installed with Reinforcing Bar in Solid Base Materials<sup>1</sup>



Rebar Size #	Hole Diameter in.	Embedment Depth, h <sub>nom</sub> inches (mm)														
		1 (25.4)	2 (50.8)	3 (76.2)	4 (101.6)	5 (127.0)	6 (152.4)	7 (177.8)	8 (203.2)	9 (228.6)	10 (254.0)	11 (279.4)	12 (304.8)	13 (330.2)	14 (355.6)	15 (381.0)
#3	7/16	183.4	91.7	61.1	45.8	36.6	30.5	26.2	22.9	20.3	18.3	16.6	15.2	14.1	13.1	12.2
#4	9/16	122.5	61.2	40.8	30.6	24.5	20.4	17.5	15.3	13.6	12.2	11.1	10.2	9.4	8.7	8.1
#5	3/4	63.5	31.7	21.1	15.8	12.7	10.5	9.0	7.9	7.0	6.3	5.7	5.2	4.8	4.5	4.2
#6	7/8	48.4	24.2	16.1	12.1	9.6	8.0	6.9	6.0	5.3	4.8	4.4	4.0	3.7	3.4	3.2
#7	1	38.8	19.4	12.9	9.7	7.7	6.4	5.5	4.8	4.3	3.8	3.5	3.2	2.9	2.7	2.5
#8	1 1/8	31.2	15.6	10.4	7.8	6.2	5.2	4.4	3.9	3.4	3.1	2.8	2.6	2.4	2.2	2.0
#9	1 3/8	19.1	9.5	6.3	4.7	3.8	3.1	2.7	2.3	2.1	1.9	1.7	1.5	1.4	1.3	1.2
#10	1 1/2	16.8	8.4	5.6	4.2	3.3	2.8	2.4	2.1	1.8	1.6	1.5	1.4	1.2	1.2	1.1
#11	1 5/8	15.1	7.5	5.0	3.7	3.0	2.5	2.1	1.8	1.6	1.5	1.3	1.2	1.1	1.0	1.0

1. Tabulated values do not account for waste

