

G5 Adhesive Anchor - Technical Data

ESTIMATING TABLE

		G5 <i>Number of Anchoring Installations Per Cartridge*</i> 22 Fluid Ounce Cartridge <i>Using Reinforcing Bar with G5 Adhesive in Concrete</i>														
REBAR	DRILL HOLE DIA. INCHES	EMBEDMENT DEPTH IN 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	1/2	388.9	194.5	129.6	97.2	77.8	64.8	55.6	48.6	43.2	38.9	35.4	32.4	29.9	27.8	25.9
# 4	5/8	293.8	146.9	97.9	73.5	58.5	49.0	42.0	36.7	32.6	29.4	26.7	24.5	22.6	21.0	19.6
# 5	3/4	225.4	112.7	75.1	56.3	45.1	37.6	32.2	28.2	25.0	22.5	20.5	18.8	17.3	16.1	15.0
# 6	7/8	182.0	91.0	60.7	45.5	36.4	30.3	26.0	22.7	20.2	18.2	16.5	15.2	14.0	13.0	12.1
# 7	1-1/8	87.2	43.6	29.1	21.8	17.4	14.5	12.5	10.9	9.7	8.7	7.9	7.3	6.7	6.2	5.8
# 8	1-1/4	77.6	38.8	25.9	19.4	15.5	12.9	11.1	9.7	8.6	7.8	7.1	6.5	6.0	5.5	5.2
# 9	1-3/8	81.0	40.5	27.0	20.2	16.2	13.5	11.6	10.1	9.0	8.1	7.4	6.7	6.2	5.8	5.4
# 10	1-1/2	66.2	33.1	22.1	16.6	13.2	11.0	9.5	8.3	7.4	6.6	6.0	5.5	5.1	4.7	4.4
# 11	1-3/4	40.5	20.2	13.5	10.1	8.1	6.7	5.8	5.1	4.5	4.0	3.7	3.4	3.1	2.9	2.7

* The number of anchoring installations is based upon calculations of hole volumes using ANSI tolerance carbide tipped drill bits, the nominal areas of the reinforcing bars and the stress areas of the threaded rods. These estimates do not account for waste.
 * Oversized holes acceptable but volume of adhesive will increase.

ESTIMATING TABLE

		G5 <i>Number of Anchoring Installations Per Cartridge*</i> 22 Fluid Ounce Cartridge <i>Using Threaded Rod with G5 Adhesive in Concrete</i>														
ROD In. (mm)	DRILL HOLE DIA. INCHES	EMBEDMENT DEPTH IN 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 (6.4)	5/16	721.2	360.6	240.4	180.3	144.2	120.2	103.0	90.2	80.1	72.1	65.6	60.1	55.5	51.5	48.1
3/8 (9.5)	7/16	417.6	208.8	139.2	104.4	83.5	69.6	59.7	52.2	46.4	41.8	38.0	34.8	32.1	29.8	27.8
1/2 (12.7)	9/16	300.5	150.3	100.2	75.1	60.1	50.1	42.9	37.6	33.4	30.1	27.3	25.0	23.1	21.5	20.0
5/8 (15.9)	3/4	153.8	76.9	51.3	38.4	30.8	25.6	22.0	19.2	17.1	15.4	14.0	12.8	11.8	11.0	10.3
3/4 (19.1)	7/8	121.7	60.8	40.6	30.4	24.3	20.3	17.4	15.2	13.5	12.2	11.1	10.1	9.4	8.7	8.1
7/8 (22.2)	1	100.9	50.5	33.6	25.2	20.2	16.8	14.4	12.6	11.2	10.1	9.2	8.4	7.8	7.2	6.7
1 (25.4)	1-1/8	83.0	41.5	27.7	20.7	16.6	13.8	11.9	10.4	9.2	8.3	7.5	6.9	6.4	5.9	5.5
1-1/4 (31.8)	1-3/8	62.8	31.4	20.9	15.7	12.6	10.5	9.0	7.8	7.0	6.3	5.7	5.2	4.8	4.5	4.2

* The number of anchoring installations is based upon calculations of hole volumes using ANSI tolerance carbide tipped drill bits, the nominal areas of the reinforcing bars and the stress areas of the threaded rods. These estimates do not account for waste.
 * Oversized holes acceptable but volume of adhesive will increase.