



Fine Core Fill Grout

High Strength Masonry Grout

ASTM C1019 Property	Specification Slump	Strength (28 days Minimum)
Fine Grout	8 – 11 in.	3000 psi
Coarse Grout	8 – 11 in.	3000 psi

1 cubic yard = 27 ft³
Cubic ft. per 80 lb bag = 0.60
bags / cubic yard = 45 bags

Unit Size	# Blocks Filled per 3000 cubic yard of Grout	# Cubic yards per 1000 Units	# Cubic yards per 1000 Sq FT wall area	# Blocks filled (2 Core)	# Blocks per 3000 lb bulk bag
6x8x16	156	6.5	7.21	3.4 – 3.8	125 – 142
8x8x16	105	9.5	10.7	2.5 – 2.9	93 – 110
10x8x16	82	12.2	13.7	2.1 – 2.3	78 – 85
12x8x16	60.5	16.5	18.5	1.7 – 1.9	63 – 70

Grout Calculation for Concrete Block Construction

Standard Two Cell Block	Vertical Steel Spacing	Grouted Cells per 100 Square Feet of Wall	Cubic Yards of Grout per 100 Block [8" High, 16" long]	Cubic Yards Block per Cubic Yard [8" high, 16" long]
6" Thick Wall	All Cells Filled	0.93	0.83	120
	16" On Center	0.55	0.49	205
	24" On Center	0.42	0.37	270
	32" On Center	0.35	0.31	320
8" Thick Wall	All Cells Filled	1.12	1	100
	16" On Center	0.65	0.58	171
	24" On Center	0.5	0.44	225
	32" On Center	0.43	0.38	267
10" Thick Wall	All Cells Filled	1.3	1.23	80
	16" On Center	0.82	0.75	137
	24" On Center	0.63	0.56	180
	32" On Center	0.53	0.47	214
12" Thick Wall	All Cells Filled	1.73	1.54	65
	16" On Center	1.01	0.9	111
	24" On Center	0.76	0.68	146
	32" On Center	0.64	0.57	174

**All above should be considered estimated yields*