





PRODUCT QUANTITY ESTIMATOR

1. Locate wall length to determine number of Diamond[®] 10DS wall blocks or Torpedo[®] base blocks* needed for base.
2. Combine wall length and exposed wall height to determine number of wall blocks needed. The Diamond 10DS retaining wall system can be used to build walls up to 3 feet 6 inches, including buried base course, but excluding the cap.**
3. Add cap block quantities.

	Buried Base Blocks	Exposed Wall Block = 0.72 Finished SF	Cap Blocks
System Blocks	 Diamond 10DS retaining wall block 6" x 17 1/4" x 10" or  Torpedo base block* 4" x 15 3/4" x 11"	 Diamond 10DS retaining wall block 6" x 17 1/4" x 10"	 ShortCut [®] cap 3" x 8" / 7" x 13"

1. BASE BLOCK QUANTITIES

		Wall Length									
		5'	10'	15'	20'	25'	30'	35'	40'	45'	50'
Diamond 10DS blocks	Number of Blocks	4	7	11	14	17	21	24	28	31	34
Torpedo base block*		4	8	12	16	20	23	27	31	35	39

2. EXPOSED WALL BLOCK QUANTITIES (based on straight wall installation, add 10% for curved walls)

Exposed Wall Height		Wall Length									
		5'	10'	15'	20'	25'	30'	35'	40'	45'	50'
0'6"	Number of Blocks	4	7	11	14	18	21	25	28	32	35
1'0"		7	14	21	28	35	42	49	56	63	70
1'6"		11	21	32	42	53	63	74	84	94	105
2'0"		14	28	42	56	70	84	98	112	126	140
2'6"		18	35	53	70	87	105	122	140	157	174
3'0"		21	42	63	84	105	126	147	167	188	209

3. CAP BLOCK QUANTITIES

Wall Type		Wall Length									
		5'	10'	15'	20'	25'	30'	35'	40'	45'	50'
Straight	Number of ShortCut Caps	8	16	24	32	40	48	56	64	72	80
Curved		9	18	27	36	45	54	63	72	80	89

* The Torpedo[®] base block is available in select markets, and can be used for retaining walls featuring the Anchor rear-lip design up to the retaining wall system's gravity wall height.

** This height assumes level backfill and clean, compacted sand or gravel and no surcharge. Taller walls can be built with the system blocks as the buried base course and geosynthetic reinforcement, or with the Anchorplex[™] retaining wall system, when designed by a qualified engineer.

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