

ANCHOR DIAMOND® 9D BEVELED FACE

Freestanding & Retaining Wall

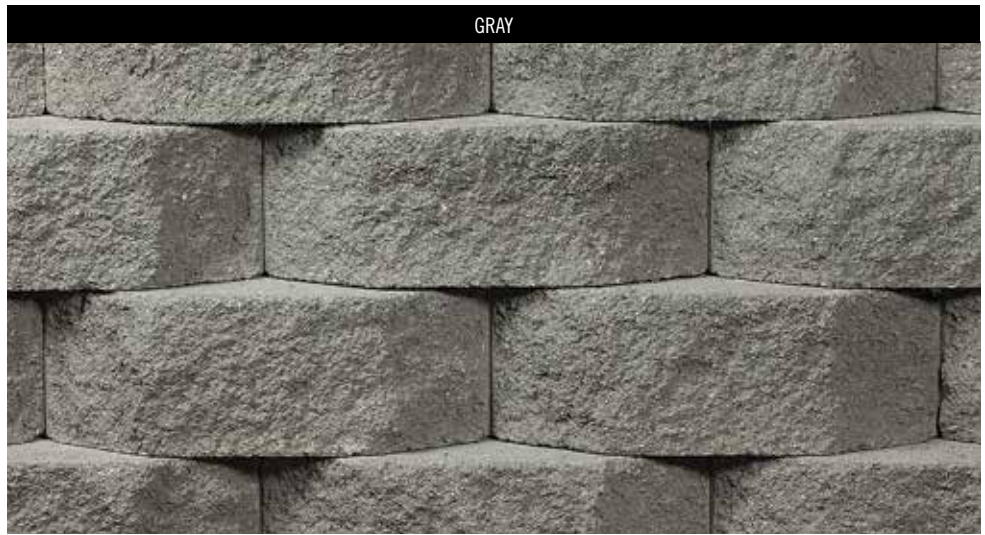


RESIDENTIAL	COMMERCIAL	STEPS	COLUMNS	FIREPIT	RETAINING WALLS	MAILBOX	FINISHES					
							SHOT BLAST	SHOT BLAST SEALED	GROUND FACE	GROUND FACE SEALED	SMOOTH	TUMBLLED/ ANTIQUED
✓		✓		✓	✓							

PRODUCT SPECIFICATIONS

Diamond 9D

6 x 16 7/10 x 9



For project material estimating, use the formulas listed in each step.

1. WALL UNIT ESTIMATING

Determine the square footage of the total wall, including buried base course. Wall square footage (SF) = length (L) x height (H).

Straight Face: SF x 1.4 = # units

2. LEVELING PAD AGGREGATE ESTIMATING

Leveling pad aggregate is a compactible base material of 3/4-inch minus (with fines). The leveling pad extends at least 6 inches in front of and behind the wall units and is at least 6 inches deep after compaction. Wall length in feet (L) ÷ 27 x 1.1 = cubic yards (CY). CY x 1.6 = tons.

L ÷ 27 x 1.1 = CY

CY x 1.6 = tons

3. DRAINAGE AGGREGATE ESTIMATING

Drainage aggregate is clean, 1-inch crushed stone (with no fines). The drainage column extends 12 inches behind the wall units. Wall length (L) x total wall height (H) = square feet (SF) ÷ 27 x 1.1 = cubic yards (CY). CY x 1.6 = tons.

SF ÷ 27 x 1.1 = CY

CY x 1.6 = tons

4. GEOSYNTHETIC REINFORCEMENT ESTIMATING

Geosynthetic Reinforcement should always be referred to: check with local authorities or civil engineer

Always check city code for maximum height for gravity wall.

PROJECT ESTIMATING EXAMPLE

Total wall is 50 feet long and 4 feet high. The product is beveled-face units. There is no toe or crest slope, and soils are clean sand and gravel.

1. TOTAL WALL UNITS

50' L x 2.5' H = 125 SF x 1.5 = 188 units

Check with your local distributors to see if the product is available in partial pallets. Otherwise round up to the nearest full pallet quantity.

2. LEVELING PAD AGGREGATE

50' L ÷ 27 = 1.85 x 1.1 = 2.1 CY x 1.6 = 3.4 tons needed

3. DRAINAGE AGGREGATE

50' L x 2.5' H = 125 SF ÷ 27 x 1.1 = 5.09 CY x 1.6 = 8 tons needed

4. GEOSYNTHETIC REINFORCEMENT

See reinforcement estimating charts on pages for variations in soil and site conditions. Check with local authorities or civil engineer.

For more pattern options visit belgard.com/products/retaining_walls

WALL PRODUCT NAME	SQFT/ PALLET	# OF LAYERS	PIECES/ PALLET	WEIGHT/ PALLET (LBS)	UNIT HEIGHT	UNIT FRONT WIDTH	UNIT BACK WIDTH	UNIT DEPTH
ANCHOR DIAMOND 9D BEVELED FACE								
6 x 16 7/10 x 9	32.16	-	48	2304	6	16.706	N/A	9