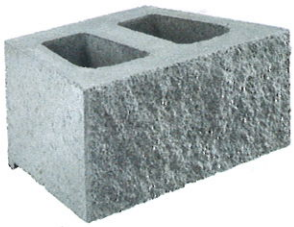
Diamond Pro Retaining Wall

Large Commercial, Municipal & Residential

Its time-tested strength makes Diamond Pro® retaining wall systems the contractors' choice for large-scale projects. The straight-split face provides a clean, crisp appearance. With a rough-hewn face, the Diamond Pro Stone Cut® product gives landscapes substance and stability.



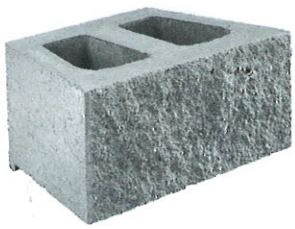
Diamond Pro Straight Face



Diamond Pro Stone Cut



Diamond Pro Corner Unit



Diamond Pro
NYS DOT Approved

New York State Department of Transportation



Diamond Pro Straight—Desert Tan



Diamond Pro Stone Cut—Rawhide



Natural Gray (Straight Face Only)



Desert Tan (Straight Face Only)



Storm (Stone Cut Only)



Rawhide (Straight Face & Stone Cut)

*Diamond retaining wall cap 10" and 13" are both compatible with the Diamond Pro Stone Cut Retaining Wall System

Installation Instructions



1. Stake out / remove sod



2. Add and compact base



3. Level Base



4. Lay and level blocks

1. Begin by staking out the wall you are building. For curved sections, use a garden hose to lay out the wall line. Dig a trench along this line. The width of the trench should be 14 inches. If you are going to use one, two or three courses of block, make the trench 4 inches deep, or enough to bury half of the first course. If you are using four or more courses of block, make the trench 8 inches deep, or enough to bury the full first course.

2. Prepare the base by firmly compacting the soil in the bottom of the trench and placing 2 inches of paver base in the bottom of the trench. For walls over 24 inches in total wall height, a minimum of 4 inches of compacted paver base must be used for leveling the base.

3. Check the surface level in both directions with a carpenter's level.

4. Use hammer and chisel to remove the rear lips from all block used for the base course. Use string to align the back edges of the first course. Position the wall units side by side on the prepared base and check level in both directions. Continue assembling additional courses by placing units in a staggered relationship to the course beneath (running bond), pulling each unit forward until the rear lip is securely in contact with the units below.

5. Place filter fabric directly behind the wall extending from the bottom of the base course to the middle of the top course. Backfill each course with drainage aggregate and extend 6 inches behind the wall.

6. To split a block, use a hammer and chisel to score the block on all sides. Pound the chisel on the score line until the block splits. To build a 90° corner, you will need to use a circular saw with a masonry blade. Cut a 45° angle on two blocks. Cut from a front corner to the back of the block. Glue pieces together (with construction glue) so two block faces form the finished outside corner. Read and understand the operating manual before using the saw.

7. For capping inside and outside curves, trim caps to follow the curve of the wall. Place a cap at the beginning of the curve. Skip a place and place the next cap in the third position. Rest a cap on the top of the original two, aligning its face with the face of the wall. Mark the bottom of the cap along the edges as show. Use a circular saw with a masonry blade to cut the marked cap. Place the cap. On a a 90° corner wall, the caps need to be saw-cut to achieve a 45° mitered corner.

8. Use an exterior concrete construction adhesive to secure the caps.



5. Add drainage aggregate



6. Split blocks



7. Cut caps to cover wall



8. Adhere cap in place

Always wear eye protection when splitting block.

Tools and Materials Needed



Gloves



Safety Glasses



Hammer



Construction Adhesive



Chisel



Level















	Dimensions (height x width x depth)	Appx. Weight	Setback / Batter	Square Foot Coverage	Minimum Inside Radius	Minimum Outside Radius	Quantity per Pallet
Diamond Retaining Wall							
 Straight Face	6" x 17.25" x 12"	74 lbs.	1 1/8" / 10.6°	.72	8'	4'	48
Beveled Face	6" x 16" x 12"	68 lbs.	1 1/8" / 10.6°	.67	4'	2'	48
10" Large Cap	Front: 3" x 17" x 10" Back: 3" x 12" x 10"	32 lbs.		Appx. 14 1/2 Linear Inches per Cap	Diamond cap units are trapezoidal in shape and have a split face on both sides		96
13" XL Cap	Front: 3" x 18" x 13" Back: 3" x 12" x 13"	44 lbs.		Appx. 15 Linear Inches per Cap			63
Step Block	6" x 16" x 12"	85 lbs.		.37	Step Block are solid units		36
Diamond 10D Retaining Wall							
 Stone Cut Face	6" x 17.25" x 10"	52 lbs.	1 1/8" / 10.6°	.74	6'	3'	48
Stone Cut 10" Cap	Front: 3" x 17" x 10" Back: 3" x 12" x 10"	32 lbs.		Appx. 14 1/2 Linear Inches per Cap	10D Cap units are trapezoidal in shape and have a split face on both sides		96
Stone Cut Step	6" x 16" x 12"	85 lbs.		.37			36
Highland Stone Retaining Wall							
 6" Large	6" x 18" x 12"	73 lbs.	1 1/8" / 10.6°	.75	8' Using all 3 sizes	4' Using all 3 sizes	48
6" Medium	6" x 12" x 12"	59 lbs.	1 1/8" / 10.6°	.50			Combo Pallet Includes: 48 Medium 48 Small
6" Small	6" x 6" x 12"	30 lbs.	1 1/8" / 10.6°	.25			
3" Large	3" x 18" x 12"	41 lbs.	9/16" / 10.6°	.375	8' Using all 3 sizes	4' Using all 3 sizes	96
3" Medium	3" x 12" x 12"	28 lbs.	9/16" / 10.6°	.25			Combo Pallet Includes: 96 Medium 96 Small
3" Small	3" x 6" x 12"	14 lbs.	9/16" / 10.6°	.125			
Highland Stone Free Standing Wall							
 6" Large	Front: 6" x 18" x 9" Back: 6" x 16" x 9"	70 lbs.	Vertical	.71	3.75' Using all 3 sizes	3.75' Using all 3 sizes	40
6" Medium	Front: 6" x 12" x 9" Back: 6" x 10" x 9"	45 lbs.	Vertical	.46			Combo Pallet Includes: 48 Medium 48 Small
6" Small	Front: 6" x 6" x 9" Back: 6" x 4" x 9"	20 lbs.	Vertical	.21			
Column Block	6" x 18" x 9"	75 lbs.	Vertical	One Pallet of Column Block will create a 27" x 27" x 5' Column			40
Diamond Pro Retaining Wall							
 Straight Face & DOT Approved	8" x 18" x 12"	74 lbs.	1" / 7.1°	1	6'	4'	48
Stone Cut	8" x 18" x 12"	77 lbs.	1" / 7.1°	1	7'	4	48
Corner	8" x 18" x 9"	105 lbs.		Appx. 18 Linear Inches per Cap			72
Classic 8 Retaining Wall							
 Straight Face	7 5/8" x 18" x 12"	85 lbs.	Variable Setback	.97			32
Universal Cap	3 1/2" x 18" x 12"			Appx. 18 Linear Inches per Cap	Universal Cap are split on one face		72
Windsor Stone Retaining Wall							