

TOOLS: Shovel, wheelbarrow, level, string line, wooden stakes and dead blow hammer.

STEP 1: Calculate Materials Needed

Refer to Wall Calculator below.

STEP 2: Prepare the Footing

Dig a 24" wide trench. The height of your finished wall will determine the depth to excavate. As a rule of thumb, you will bury 1" of block for every course of exposed wall height. Add 6" for the depth of the base material. Make sure the soil is well compacted to prevent settling. Add 6" of compacted 3/4" modified stone as a footing.

STEP 3: Install the Base Course

Install the first layer of TerraceWall by placing the units, lip side down, on the prepared base (remove the lip with a hammer to make leveling easier). Level the units from front to back and side to side using a dead blow hammer and level. Use a string line along the back of the block to verify straightness.

STEP 4: Backfill the Units

Backfill at least 6" - 12" behind each layer of TerraceWall with 1/2" - 3/4" clean stone (for drainage) with soil behind it. All areas behind the units must be filled and compacted.

STEP 5: Installing Additional Courses

Place the next and additional courses of TerraceWall in such a fashion that each block bridges two units below in a running bond pattern. Pull the units forward so that the lip rests against the back edge of the course underneath (your wall will step back 7/8" for every layer). Backfill each course as the wall is being built and fill the block cores with 3/4" clean stone.

STEP 6: Cap the Wall

Cut caps with a diamond blade saw to fit, as needed. Attach the wall cap block with a high strength, flexible concrete adhesive.



Pewter Blend TerraceWall

Additional Tips:

Building 90° Corners

8"x6"x16" units with a finished end are available for 90° corners.

Constructing Curved or Serpentine Walls

The tapered shape of TerraceWall makes it easy to create curved walls without any additional work.

Constructing Steps

Attractive steps, in either straight or scalloped designs, are easy to build with TerraceWall units. The block units themselves are used for the risers with the cap block or another material, such as Bullnose Pavers, used for the tread.

Refer to pgs. 62 to 64 for Wall Installation Details.



NOTE:

These instructions are meant as a general guideline for walls under ideal conditions, and assuming no slopes or surcharges. Site-specific conditions may warrant additional installation requirements.

CAUTION: Dry sawing or grinding of concrete products may result in the release of respirable crystalline quartz. Prolonged exposure to respirable crystalline quartz may cause delayed (chronic) lung injury (silicosis). The use of a NIOSH - Approved respirator and tight fitting goggles is recommended when sawing or grinding operations are in progress.

Terrace Wall

Calculator

WALL LENGTH

	1'-4"	2'-8"	4'-0"	5'-4"	6'-8"	8'-0"	9'-4"	10'-8"	12'-0"	13'-4"	14'-8"	16'-0"	17'-4"	18'-8"	20'-0"	
W	6"	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	1-0"	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
L	1-6"	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
H	2-0"	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60
E	2-6"	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75
I	3-0"	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90
G																
H																
T	CAPS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Maximum unreinforced exposed wall height is 36" (6 courses). Standard Unit Size: 12"d x 6"h x 16"w Weight: Approx. 52 lbs.
 Cap Unit Size: 12"d x 3"h x 16"w Weight: Approx. 46 lbs. Corner: 8"d x 6"h x 16"w Weight: Approx. 49 lbs.
 Universal Cap: 11 5/8"d x 3 "h x 14" or 16"w Weight: Approx. 44 lbs.