



Ancestral™ WallStone

Double-Sided Modular Wall



IDEAL CONCRETE BLOCK COMPANY, INC.

Ancestral™ WallStone

INTRODUCTION

The dimensional lengths and 3" and 6" heights of our tapered modular Ancestral WallStone combine to create straight or curved retaining walls, free-standing walls, and seat walls. Split on two faces and then antiqued with our Drum-Roll Tumbled® process, Ancestral WallStone suggests the look of crafted, dry-laid stone walls. Choose from one of our popular color blends to enhance any landscape setting.

COMPOSITION & PERFORMANCE

Ancestral WallStone offers dependable strength and lasting durability. Manufactured under controlled factory conditions, units are molded from a cement-rich mixture blended with select aggregates and pure iron oxide pigments under extreme pressure and vibration. Every block undergoes our genuine Drum-Roll Tumbled® process that imparts a "stone-rocked" finish and unique character to each piece, while preserving the structural integrity and dimensional stability.

PHYSICAL CHARACTERISTICS

Ancestral WallStone meets or exceeds North American industry standards, including ASTM C-90 Specification for Loadbearing Concrete Masonry Units. Strict quality control ensures consistent strength and durability.

Compressive Strength: 4000 psi minimum ■ **Water Absorption:** 8% maximum ■ **Freeze Thaw:** Little or no effect

Ancestral WallStone

Size/Set:

3" h x 10" d in 3 lengths of: 16"/14" ■ 14"/12" ■ 12"/10"

6" h x 10" d in 3 lengths of: 16"/14" ■ 14"/12" ■ 12"/10"

Coverage and Square Feet/Set:

3" h unit: 1.2 sets/sf ■ .83 sf/set

6" h unit: .6 sets/sf ■ 1.66 sf/set

Packaging:

3" h unit: 25 sf/pallet ■ 6" h unit: 25 sf/pallet

Ancestral Coping

Size/Set:

3⁵/₈" h x 13" d in 2 lengths of: 16"/13" ■ 13"/10"

Coverage/Set:

2.16 lf/set

APPLICATIONS

Retaining Wall – Ancestral WallStone can create raised planting beds and low-height retaining walls up to 24" above grade. (Contact Ideal or your dealer for information on construction techniques for walls with slopes, surcharges or wet soils.)

Double-Sided Walls – As a free-standing wall, Ancestral WallStone features the charm of dry-laid natural stone when viewed from any angle. Define spaces for outdoor living or provide a comfortable sitting wall to enjoy family and friends in an urban garden or quiet backyard patio retreat. Seat walls are typically 18-22" high. When installing, pay particular attention to alignment to maintain the plane of the wall along its face.

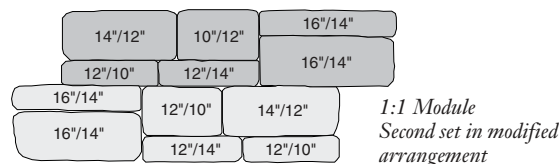
GENERAL CONSTRUCTION GUIDELINES

Base: Excavate a trench 9" deep by 20" to 24" wide for a gravel footing. Remove loam, roots, and large rocks. Compact the trench thoroughly and cover with landscape fabric. Place 1½" processed gravel or ¾" crusher run road base type aggregate in 2"-3" layers and firmly compact (a plate compactor is preferred), until the footing is 6" thick. The top of either type of footing should be about 3" below grade. For added stability, use Turfstone™ in place of gravel and reduce the excavation depth to 6". Set directly on the compacted subgrade, carefully level and fill with gravel. Secure the first course of Wallstone to Turfstone with construction grade adhesive.

Patterns: You can use 3" high or 6" high WallStones or combinations of both. A 1:1 module, consisting of 1 set of 3" high and 1 set of 6" high units, covers 2.49 sf. The 3" high units comprise 33% of the square footage of the wall and the 6" high, 66%.



1:1 Module Set



1:1 Module
Second set in modified
arrangement

A 2:1 module, consisting of 2 sets of 3" high WallStones to 1 set of 6" high WallStones, covers 3.32 sf and comprises an equal amount of square feet of both heights in a wall. If a predominance of one height is more desirable, use different ratios and place the units randomly throughout the wall.

Placement: Place the first course of WallStones in the center of the footing, orienting them to follow the line of the wall. Level front-to-back and side-to-side. Fill the space in front of and behind the units with gravel, to grade. Continue laying additional courses in an arrangement that emulates a pattern of natural stone. Stagger the joints where possible - avoid stacking block more than 9" high without an offset joint. Cut units as needed. Secure courses together with construction-grade adhesive for additional stability. Clean surfaces to be adhered.

Note: If building a retaining wall, place perforated pipe behind the WallStones for the entire length of the wall, slope and drain to daylight. Every 6" in height, backfill a 12" space behind the wall with ¾" stone, using care to avoid shifting the units.

Finish: Complete the wall using Ancestral Coping as the last course. Its 13" depth provides an attractive 1½" overhang. Secure with adhesive. Cover with soil and add mulch, flowers or plants.

Always wear proper safety equipment when cutting or sawing concrete products.

Ancestral™ WallStone and Coping is a registered trademark of Ideal Concrete Block Company, Inc. ©2008-2011

A white deposit known as efflorescence may appear naturally on any concrete or masonry product. It does not affect the structural integrity and will dissipate over time. Efflorescence is not indicative of a flawed product. For more information, ask for our Efflorescence Advisory.

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