

PAVERS BY IDEAL



# Ancestral™ WallStone

## Double-Sided Modular Wall



IDEAL CONCRETE BLOCK COMPANY, INC.

WALLS WITH STYLE™

# Ancestral™ WallStone

## INTRODUCTION

The dimensional lengths and 3" and 6" heights of our 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:

3<sup>3</sup>/<sub>8</sub>"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 about 9" deep by 24" wide for a gravel footing. For added stability, use Turfstone™ in place of gravel and reduce the excavation depth to 6". Remove loam, roots, and large rocks. Compact the trench thoroughly and cover with landscape fabric. Place 1 1/2" processed gravel or 3/4" crusher run road base type aggregate in 2"-3" layers and firmly compact (a plate compactor is preferred), until the footing is 6" thick. If using Turfstone, set directly on the compacted subgrade, carefully level and fill with gravel. The top of either type of footing should be about 3" below grade.

**Patterns:** You have a choice of using 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" 66%. 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.

**First Course:** Place the first course of WallStones in the center of the footing. Alternate the tapered faces for straight walls or position them to follow curves. Level front-to-back and side-to-side. When using Turfstone for the footing, secure the WallStones to the Turfstone with a construction-grade adhesive. Clean dust, grit, and stone from the surfaces to be adhered. Fill the space in front of and behind the WallStones with gravel, to grade.

**Additional Courses:** We suggest starting at an end and working across the wall in a pyramid fashion. Place the WallStones 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. Securing courses together with construction-grade adhesive provides additional stability. Brush surfaces clean prior to applying several 3/8" beads of adhesive. Place the units immediately and seat firmly into position.

**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 3/4" stone, using care to avoid shifting the units. Position the landscape fabric between the stone and the earth as you construct the wall and fold it over the stone at the top. Cover with soil and add mulch, flowers or plants.

**Tapered Coping** – The 13" depth of our Ancestral Coping complements the wall by providing an attractive 1 1/2" overhang. As a tapered coping, the paired set is alternated for straight walls or oriented to follow the line of curved walls. Place the units and secure with adhesive.

*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. ©2008-2009

*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, please ask for our Efflorescence Advisory.*

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