



Pisa2® Walls



 Pavers by **Ideal**®
IDEAL CONCRETE BLOCK CO.



Pisa2® Walls - The Solid Choice

INTRODUCTION

Ideal's Pisa2 walls offer the versatility of design and installation that make it a *solid* choice as a retaining wall system for designers, contractors, and homeowners. Pisa2's textured straight face complements any landscape setting with an elegant simplicity that gracefully conforms to the natural contours of the site. Subtle chamfers molded into its face create a wall with distinct horizontal lines that accentuate the shadows of the day's changing light. For an innovative light and sound system, add Pisa Lite™ and Pisa Sounds™, which integrate into the Pisa2 wall as it is built.

COMPOSITION & PERFORMANCE

Pisa2 is made with a cement-rich, dense concrete mixture formulated to withstand New England's winter climate and freeze-thaw environment. The natural tones of our popular Granite Gray and Rustic Brown colors are achieved by blending pure iron oxide pigments with select aggregates.

Pisa2's tongue and groove construction is continuous throughout the wall and securely couples the units together, creating a strong, solid interlock. For most non-critical walls under 4 feet high, Pisa2 is constructed as a gravity wall. When engineered to incorporate geogrid, Pisa2 functions as a highly-effective system for tall and structural walls.

PHYSICAL CHARACTERISTICS

Pisa2 meets or exceeds North American industry standards, including the requirements of NCMA Tek 2-4B and/or ASTM C-1372 Specification for Segmental Retaining Wall Units. Strict quality control ensures consistent strength and durability for years of easy care and lasting beauty.

Components & Dimensions

Stretcher Unit
6"h x 8"w x 12"d
3 pcs/sf



Stretcher Cap
6"h x 8"w x 12"d
3 pcs/sf • 1.5 pcs/lf



Half Unit
6"h x 4"w x 12"d
6 pcs/sf



ReversaCap®
3"h x 8/7"w x 14"d
1.6 pcs/lf



Corner Unit
Right and Left
6"h x 12"l x 8"w



Universal Coping Stone
3 5/8"h x 16"w x 13"d
1.33 lf/pc



Compressive Strength 4000 psi minimum
Water Absorption 8% maximum
Freeze Thaw Little or no effect
Setback 1: 8 or 1 1/2" per vertical foot
Minimum Radius 7 1/2'

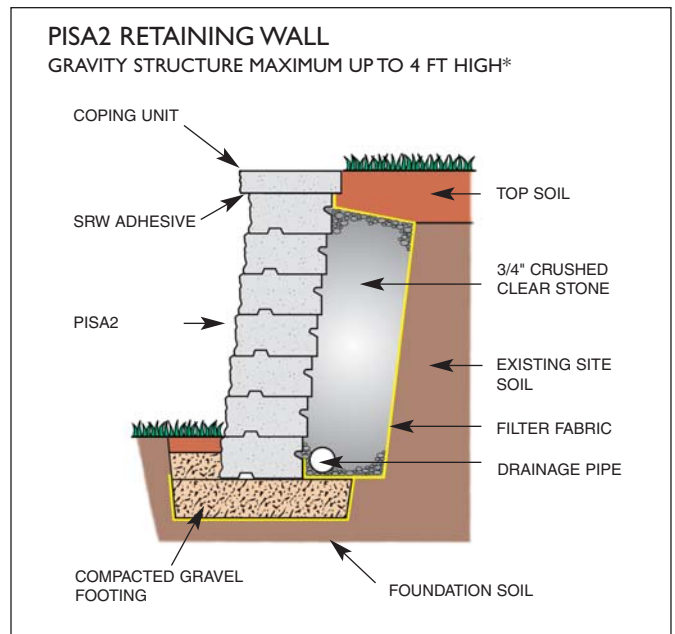
TECHNICAL SERVICES

Please contact our sales offices today for complete technical information and literature. We also can provide design consultation, specification assistance, and job-site quality review upon request.

INSTALLATION & PATTERNS

Pisa2 is a full component retaining wall system that offers easy assembly. Set on a gravel footing, the units stack together without mortar, concrete, pins, or clips, and the patented offset tongue and groove design provides an automatic set back. Pisa2 can be used for a wide variety of applications, from residential landscape walls, to terraced walls, to tall structural commercial retaining walls. The Pisa2 component system creates classical style straight and curved walls, terraces, tiers, stairs, and 90° corners.

Please see our *Contractor's Guide to Installing Segmental Retaining Wall Systems* for complete details and guidance on installation.



***Important!** Walls 4' and higher, terraced walls, sites with weak or wet soils, slopes and other loading conditions require special considerations and construction techniques, including the use of geogrid. We recommend you consult a qualified soils engineer for these situations.

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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