



ECHELON™

DESIGN GUIDE



Why Echelon™?

Echelon™ is the new consolidated brand for the masonry products and services of Oldcastle® Architectural. For generations, Oldcastle has been North America's leading manufacturer of building products and materials, establishing ourself as an industry leader and dedicated partner who successfully completes projects from beginning to end. Now Oldcastle embarks on a new journey to consolidate our many masonry products, services and expertise into the single brand of Echelon™, providing the masonry industry with a singular go-to source and reliable partner.

EchelonMasonry.com



ECHELON™

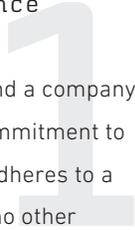
Industry Innovators

2 Echelon™ is dedicated to meeting the ever-changing needs of the construction industry by investing millions of dollars annually in the research and development of new and innovative products through our industry leading R&D team and facility.

This unceasing pursuit of excellence has culminated in a comprehensive range of structural masonry products including premium architectural block, customizable concrete masonry units, full depth & lightweight veneers and high performance wall systems, not to mention a number of performance upgrade options.



National Presence



With over 150 locations and a company culture characterized by a commitment to customer satisfaction, Echelon™ adheres to a level of service and consistency that no other brand can match. Our combination of local market presence and national capabilities allows us to meet and exceed the demanding needs of an ever-changing industry.



Regional Services



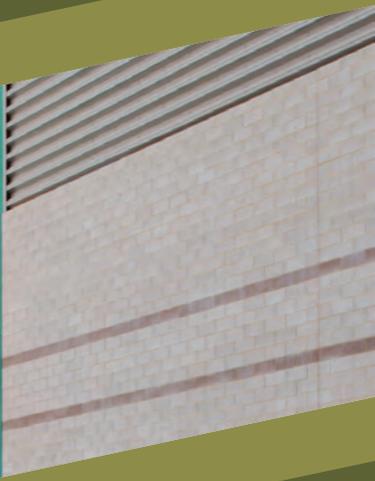
Our local companies maintain the confidence of builders, architects and consumers through our innovative technology, premium architectural building products, committed service and on-time deliveries.

We are dedicated and continually striving to meet and exceed the needs of all our customers. Let our dedicated team provide the right solution for your next project.

“New Technology has allowed us to produce innovative products with square foot savings, and reasonable lead times, while delivering a custom offering to each and every project.”

—David Rice, National Product Manager

Echelon's Green Leadership



Echelon™ has the ability to provide high performance masonry systems, increasing energy efficiency and speeding installation for a complete masonry solution

—John Cicciarelli,
National Sales Director

Echelon™ has taken a leadership role in the development of innovative and sustainable masonry solutions. Our extensive offering enables architects & building owners to achieve points towards obtaining **LEED** certification as well as to feel positive about the sustainable practices chosen.

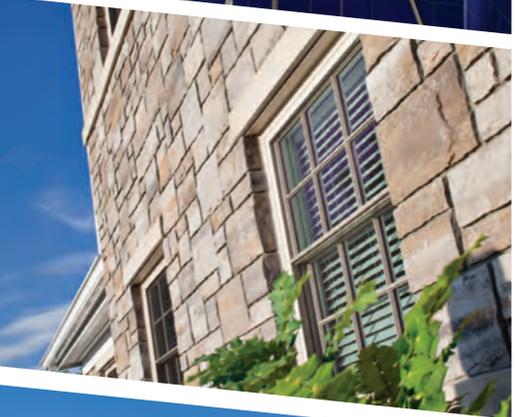
View our White Paper on the Sustainability of Masonry as well as our Corporate Sustainability Report at EchelonMasonry.com



Our “GREEN” product lines



- Trenwyth® Verastone & Astra-Glaze CMUs
- InsulTech™ Insulated Concrete Masonry System
- EnduraMax™ High Performance Wall System
- Acousta-Wal®
- Belgard® Permeable Pavers
- Recycled Content Ability
- And More



01	<p>ARTISAN MASONRY STONE VENEERS®</p> <ul style="list-style-type: none"> • Cordova Stone™ 1-Inch • Hillcrest™ Stone Thin Veneer • Kensley™ Stone Thin Veneer • Lamina® Stone • Waterford Stone™ • Cordova Stone™ Accessories 	P 08 - 21	
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“Redefining what manufactured stone veneers are and should be.”



01

Artisan Masonry Stone Veneers[®]

Products

- Cordova Stone™
1-Inch
- Hillcrest™ Stone
- Kensley™ Stone
- Lamina® Stone
- Waterford Stone™
- Cordova Stone™
Accessories

Utilizing quality materials and innovative manufacturing techniques, we have transformed and crafted the future of manufactured stone veneers. Artisan Masonry Stone Veneers[®] provide unmatched beauty paired with design freedom, ease of installation, and durability that will last the life of your next project.

Cordova Stone™ 1-inch

ARTISAN MASONRY STONE VENEERS®



Cordova Stone™ 1-inch

Delivering an economical option for a prestigious aesthetic.

Performance Upgrade Option:
EnduraMax™ Wall System

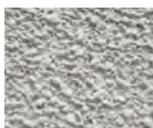


From top to bottom, Cordova Stone™ can economically supply you with the look and feel of natural limestone. Cordova Stone™ 1-inch veneer is custom made with the look of natural stone and aggregate color consistent throughout the unit. This high-quality masonry product adds beauty and elegance to any project and gives you all the benefits of a modern masonry veneer.

Features & Benefits

- Ideal for interior & exterior applications
- Emulates cut stone look
- Color throughout unit
- Repels water & resists mold
- Durable
- Expanded colors & finishes
- Look of limestone

Natural Colors & Textures

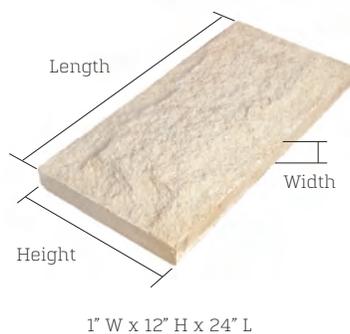
	Buff	Limestone	Alabaster	Graphite	Midnight
Ground Face					
Rock Face					
Texture Face					
Chisel Face					

Earth Blend Colors & Textures

Mountain Blend	Desert Blend	Canyon Blend	Woodland Blend
			

Note: All color samples are representative only. For accurate color selection, ask your sales representative for samples.

Shape & Size



Technical Information

Minimum compressive strength	1,900 psi
Maximum absorption by weight	13 lbs./cu. ft.
Density (normal weight)	125 lbs./cu. ft. or more

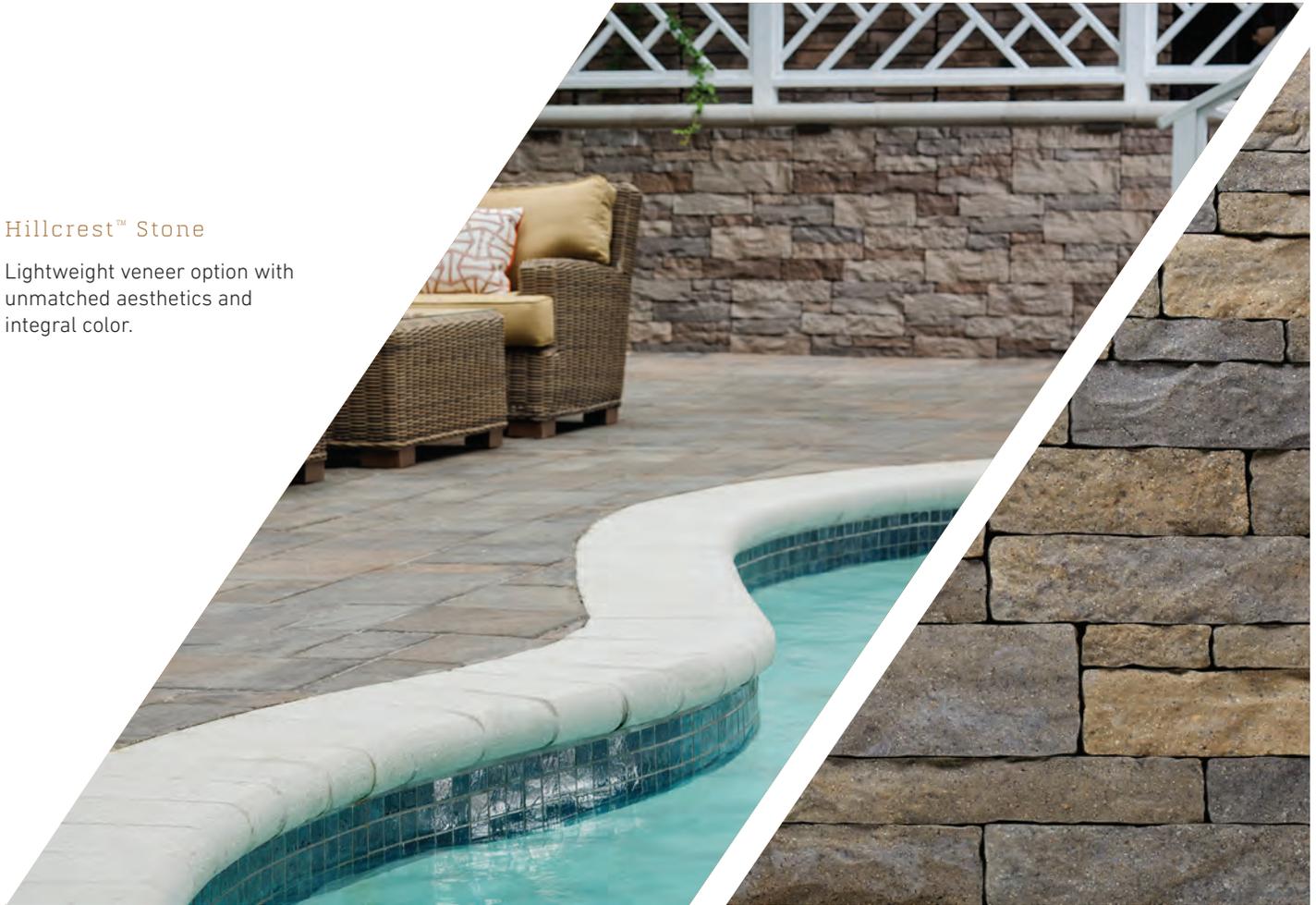
ASTM C90-11b Standard Specification for Load Bearing Concrete Masonry Units.

Hillcrest™ Stone

ARTISAN MASONRY STONE VENEERS®

Hillcrest™ Stone

Lightweight veneer option with unmatched aesthetics and integral color.



Hillcrest™ Stone is the newest innovation to the Artisan Masonry Stone Veneers® line. Boasting an aesthetic and modular system that emulates stacked stone, Hillcrest™ is designed to fit with tight dimensional tolerance which reduces installation time. This new lightweight offering gives even more options to maximize aesthetics and performance while minimizing installation time and cost.

Features & Benefits

- Integrated color throughout unit
- Used for non-load bearing applications, doesn't require a footing
- Ideal for interior and exterior applications
- Tight dimensional tolerance
- Fast installation

Product Specifications

Modular system designed to fit with tight dimensional tolerances.

Heights:	2, 3, 4 & 6 inches
Lengths:	6, 8, 10, 12, 14, 16 & 20 inches
Thickness:	1 5/8" - 1 1/8"
Pallet:	105 sq.ft., 10 layers/pallet, 10.5 sq. ft./layer

Technical Information

ASTM C170 Compressive Strength	Average 5,000 PSI
ASTM C140 Density	Average 104.5 lbs/cu. ft. (less than 15 lbs/sq. ft.)
ASTM C140 Absorption	Average 5.9%
ASTM C666 Freeze Thaw Resistance	Less than 3% loss

ASTM C90-11B Standard Specifications for Load Bearing Concrete Masonry Units

Colors & Textures



Kensley™ Stone

ARTISAN MASONRY STONE VENEERS®

Kensley™ Stone

Lightweight veneer option with unmatched aesthetics and integral color.



Kensley Stone is the newest thin veneer to be added to the Artisan Masonry Stone Veneers® family of products. Boasting a traditional ashlar pattern with a 3/8" mortar joint, Kensley Stone is designed to reflect the timeless aesthetics of natural limestone. This lightweight veneer offers a new texture and upscale look while minimizing install time and cost.

Features & Benefits

- Integrated color throughout unit
- Used for non-load bearing applications, doesn't require a footing
- Ideal for interior and exterior applications
- Tight dimensional tolerance
- Fast installation

Product Specifications

Modular system designed to fit with tight dimensional tolerances.

Heights: 4, 6, & 10 inches

*Stone face heights are nominal based on a mortar joint width of 3/8"

Lengths: 6, 8, 10, 12, 14, & 16 inches

*Stone face heights are nominal based on a mortar joint width of 3/8"

Thickness: 1 5/8" - 1 1/8"

Pallet: 115 sq.ft., 10 layers/pallet, 11.5 sq. ft./layer
Includes a 3/8" mortar joint

Technical Information

ASTM C170 Compressive Strength	Average 5,000 PSI
ASTM C140 Density	Average 104.5 lbs/cu. ft. (less than 15 lbs/sq. ft.)
ASTM C140 Absorption	Average 5.9%
ASTM C666 Freeze Thaw Resistance	Less than 3% loss

ASTM C90-11B Standard Specifications for Load Bearing Concrete Masonry Units

Cabernet



Dogwood



Wheat



Dogwood-Cabernet Field Blend (50/50)



Dogwood-Wheat Field Blend (50/50)



Wheat-Cabernet Field Blend (50/50)



Overgrout Option
Shown in Cabernet



Note: All color samples are representative only.
For accurate color selection, ask your sales representative for samples.

Lamina[®] Stone

ARTISAN MASONRY STONE VENEERS[®]



Lamina[®] Stone

Distinct stack stone appearance providing ease of installation.

Performance Upgrade Option:
EnduraMax[™] Wall System

Lamina[®] Stone emulates a stacked stone appearance and makes a bold statement. This multi-length stone offers a lot of benefits due to its unique installation and design. The original texture and color choices bring out the best in every project. Lamina[®] may be used on the entire façade or just to accentuate certain architectural elements such as wall sections or skirting.

Features & Benefits

- Design flexibility due to multiple shapes and sizes
- Textured ends mean no need for corner pieces
- Modular format means less cutting and waste
- Provides durability with full thickness 3½" masonry units
- Repels water & resists mold

Shapes & Sizes

False Joints Units



3 1/2 in W x 3 5/8 in H x 11 5/8 in L



3 1/2 in W x 3 5/8 in H x 15 5/8 in L



3 1/2 in W x 3 5/8 in H x 19 5/8 in L

Solid Units



3 1/2 in W x 3 5/8 in H x 7 5/8 in L



3 1/2 in W x 3 5/8 in H x 15 5/8 in L



3 1/2 in W x 3 5/8 in H x 19 5/8 in L



3 1/2 in W x 3 5/8 in H x 11 5/8 in L

Laying Patterns

Lamina® is a truly modular system and is easily adapted to suit the taste of the most discerning owners. By varying the ratio of solid jumper units, you can alter the pattern to best suit your individual style.



0% Solid Jumper Ratio



20% Solid Jumper Ratio



50% Solid Jumper Ratio

Colors & Texture

Avondale



Highlands



Pewter



Note: All color samples are representative only. For accurate color selection, ask your sales representative for samples.

Technical Information

Minimum compressive strength	2,000 psi
Maximum absorption by weight	13 lbs/cu. ft.
Minimum weight	125 lbs/cu. ft. or more
Solid units	3,150 lbs./90 sq.ft.
False joint units	3,060 lbs./90 sq.ft.

ASTM C90-11B Standard Specifications for Load Bearing Concrete Masonry Units



Waterford Stone™

ARTISAN MASONRY STONE VENEERS®

Waterford Stone™

Diverse array of sizes for ultimate design flexibility.

Performance Upgrade Option:
EnduraMax™ Wall System



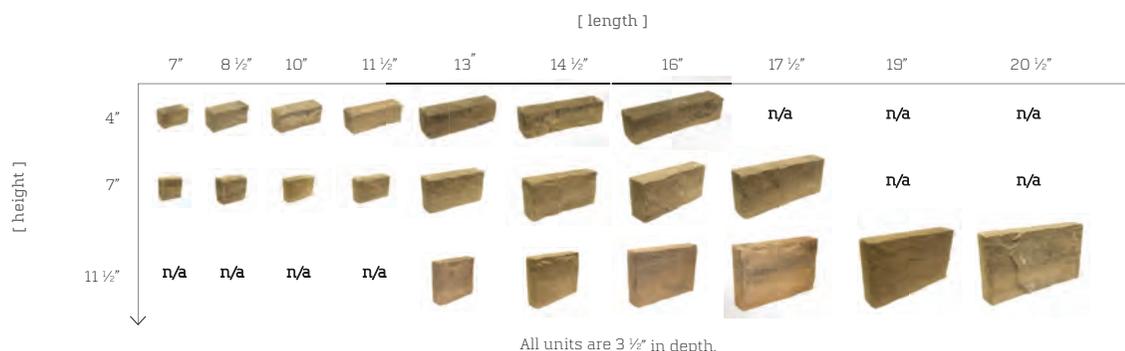
Waterford Stone™ evokes the natural, time-honed look of hand-cut stone with its antiqued edges and textured face while featuring the modern benefits of a manufactured masonry veneer. Waterford grants unparalleled design flexibility with its diverse array of sizes and colors, employing Oldcastle's unique multiple color blending system that will last the life of your project.

Features & Benefits

- Integrated color throughout entire unit
- Hand-chiseled texture reminiscent of natural stone
- Modular format means less cutting and waste
- Repels water & resists mold

Shapes & Sizes

Stones of 4" and 7" height are shipped on the same pallet, and the 11 1/2" height is shipped on a corresponding pallet. Stone face dimensions are nominal and include a variable joint width from 3/8" to 3/4". All stones are approximately 3 1/2" in depth.



Laying Patterns

Waterford Stone is a truly modular system and is easily adapted to suit the taste of the most discerning owners. By varying the ratio of 11 1/2" large stones, you can alter the pattern to best suit your individual style.



10% Large Stones



25% Large Stones



50% Large Stones

Colors & Texture

Avondale



Highlands



Pewter



Note: All color samples are representative only. For accurate color selection, ask your sales representative for samples.

Technical Information

Minimum compressive strength	2,000 psi
Maximum absorption by weight	13 lbs./cu. ft.
Maximum weight	125 lbs./cu. ft. or more
4" & 7" piece pallet weight	3,564 lbs./104.8 sq.ft.
11 1/2" piece pallet weight	3,496 lbs./92 sq.ft.
11 1/2" chiseled piece pallet weight	4,048 lbs./92 sq.ft.

Artisan Masonry Stone Veneers™ meet or exceed all ASTM C90 specifications. Individual product test results will vary depending on regional manufacturing.



Cordova Stone™ Accessories

ARTISAN MASONRY STONE VENEERS®

Our line of Cordova Stone™ Accessories provides the perfect finishing touch for projects utilizing Artisan Masonry Stone Thin Veneer products. The line includes transitional sills, trim stone and a keystone made from high quality Cordova Stone, giving your next project an economical option for a high end aesthetic.

Features & Benefits

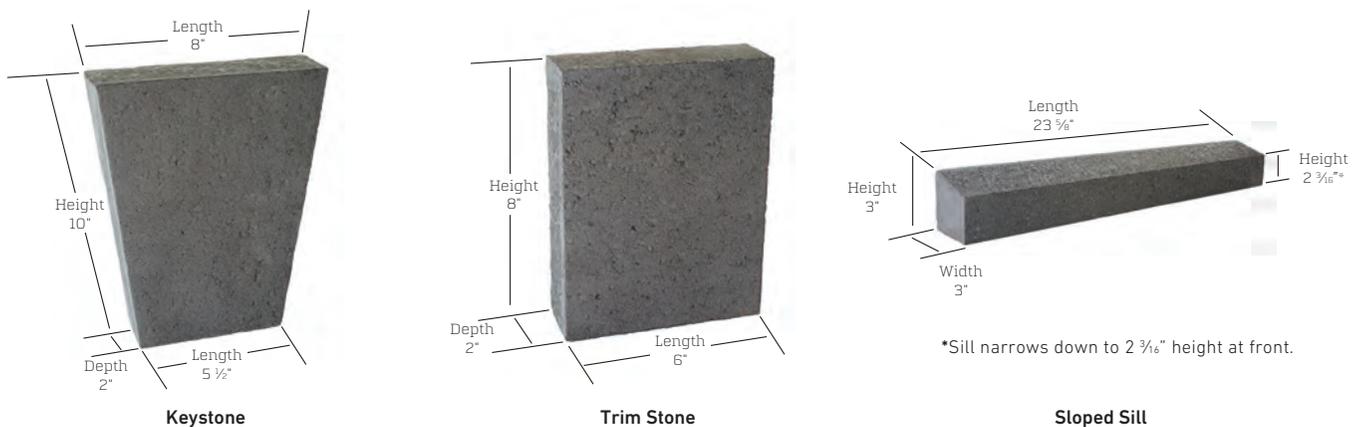
- High quality, durable transitional and accent pieces
- Color integrated throughout units
- Natural color tones and finishes emulating the look of limestone.
- Designed to complement Artisan Masonry Thin Veneers

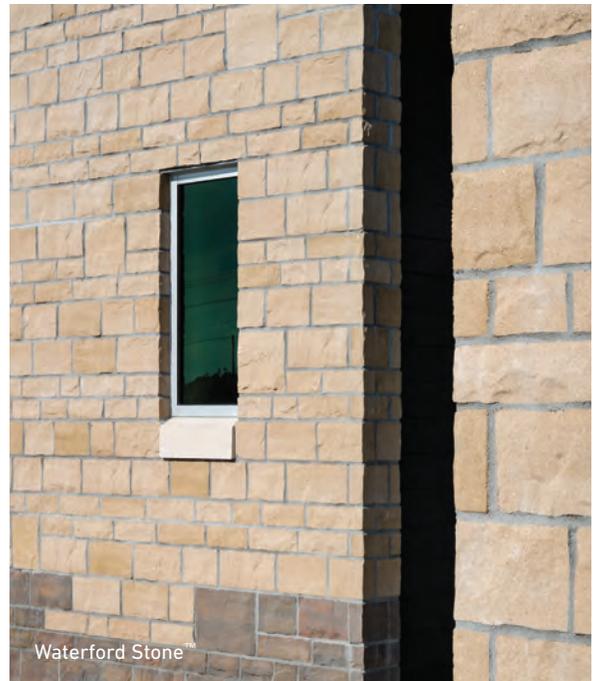
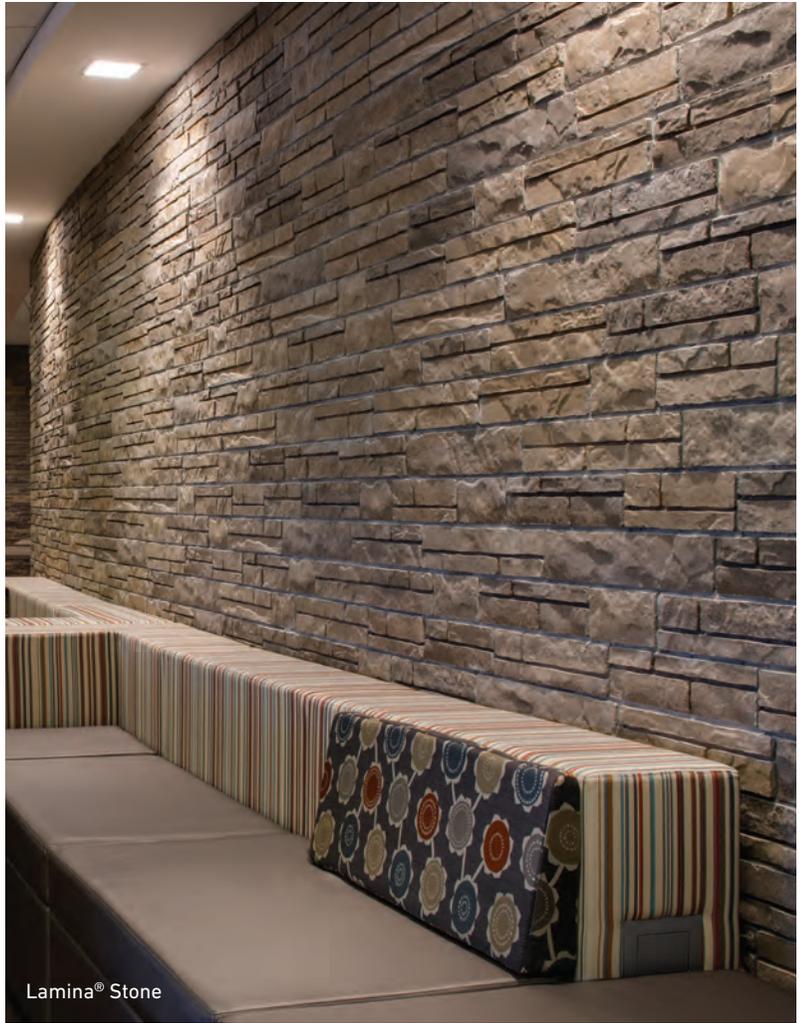
Colors & Textures



Note: When product is sealed, the color becomes darker.

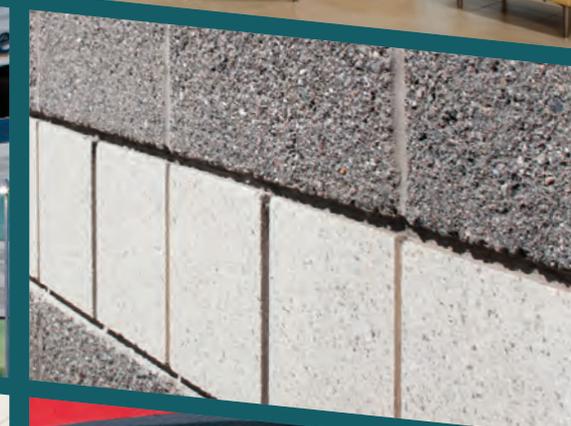
Shapes & Sizes







“Bringing your vision to life, with extensive design versatility and durability.”



02

Trenwyth[®] Architectural Masonry

Products

- Astra-Glaze SW+[®]
- Cordova Stone[™]
- Franklin Stone[™]
- Mesastone[®]
- Trendstone[®]
- Trendstone Plus[®]
- High Polished
- Verastone[®]
- Verastone Plus[®]

Trenwyth[®] Architectural Masonry block provides ultimate design flexibility with a wide range of colors, shapes, sizes & finishes. Trenwyth's reputation for excellence in quality & innovation are unmatched and Trenwyth CMU's are mold & moisture resistant and virtually maintenance free.

Astra-Glaze SW+[®]

TRENWYTH[®] ARCHITECTURAL MASONRY



Astra-Glaze SW+[®]

Pre-faced architectural units with a thermoset glazing compound permanently molded to one or more faces.

Performance Upgrade Options:
EnduraMax[™] System, InsulTech[™] System,
& Acousta-Wal[®]

Glazed face units are perfect for many commercial, retail, institutional and industrial applications with their impervious surface, flexible design options, and recycled content. Astra-Glaze SW+[®] glazed units are pre-faced architectural concrete masonry blocks with a thermoset glazing compound permanently molded on one or more faces. This glazing compound is cured and heat-treated in gas-fired tunnel kilns, thus becoming an integral part of the unit. The glazed facings are molded in individual molds, ensuring dimensional uniformity regardless of minor variations in the block.

Features & Benefits

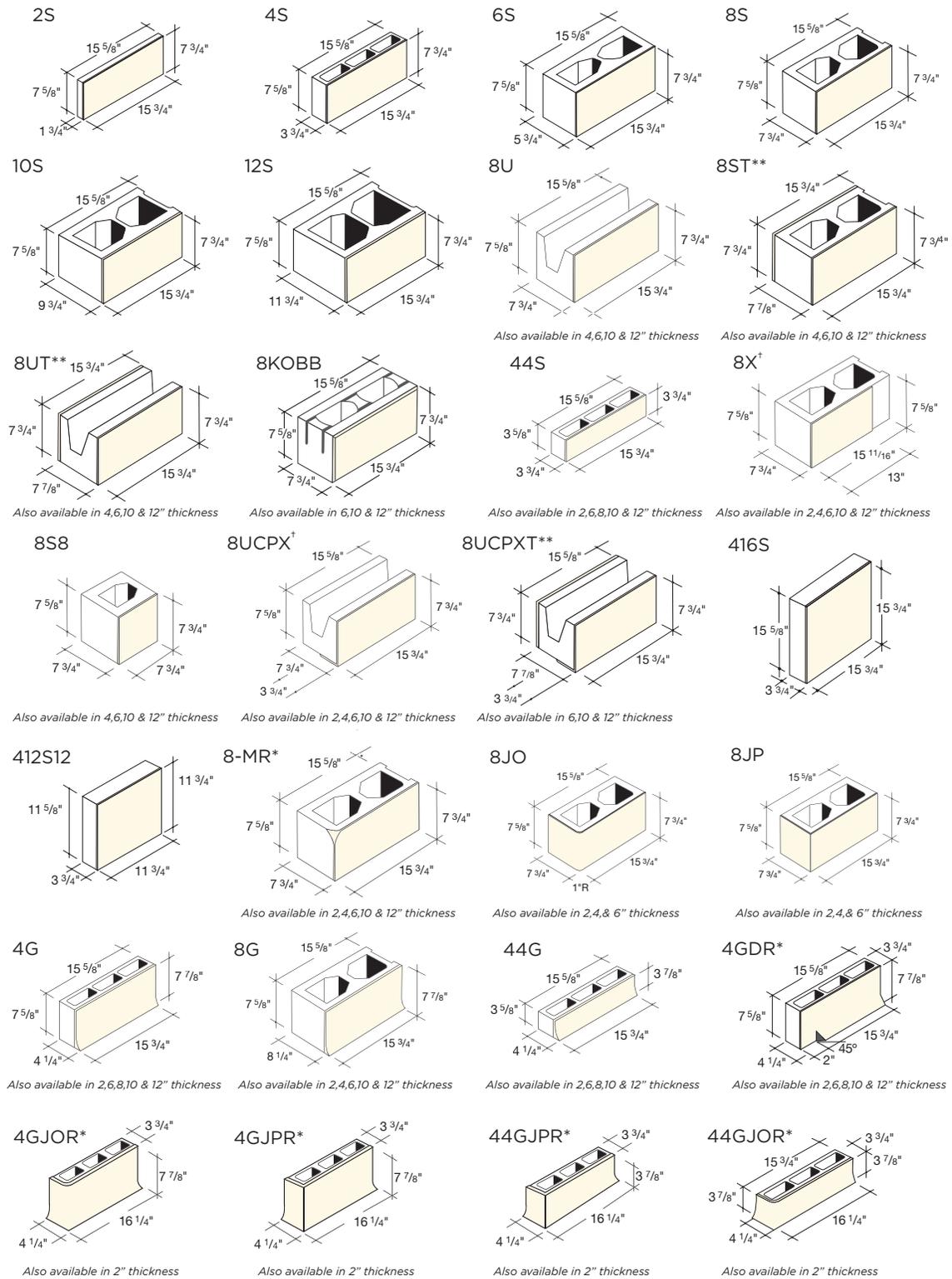
- One step installation
- Low maintenance
- Easy-to-clean
- Custom color matching
- Fire protection
- Sound absorbing
- Repels water & resists mold

Astra-Glaze SW+® Colors

Cool Cream 51.8%	Terra Cotta 13.5%	Soft Rose 16.5%	Silver Gray 46.3%	Valley Forge Blue 9.4%	Sunbath 56.5%
Vanilla 53.6%	Vivid Red 7.8%	Chelsea Pink 25.5%	Pewter 21.1%	Cosmic Blue 8.8%	Avacado 21.4%
Buttermilk 51.8%	Garnet 8.4%	Ruby Red 9.5%	Earl Grey 9.5%	Ultra Blue 5.4%	Mountain Meadow 26.7%
Wheatfield 41.8%	Russett 12.6%	Orchid Petal 36.8%	Charcoal 6.3%	Frosted Jade 19.8%	Willow Leaf Green 10.4%
Lemon Peel 47.6%	Chili Pepper 10.5%	Lavender 26.2%	Ebony 3.8%	Island Green 36.2%	Ivory 50.7%
Golden Honey 51.1%	Peach Fuzz 40.6%	Royal Purple 17.3%	Pastel Blue 42.8%	Misty Green 45.7%	Antique Lace 38.5%
Sunflower 35.4%	Orange Cream 42.1%	Snow White 66.4%	Baby Blue 36.3%	Silk Green 46.7%	Safari Beige 34.8%
Deep Marigold 31.5%	Burwick Blush 48.6%	Whitman White 61.5%	Rothwell Blue 22.8%	Caribbean Reef 21.3%	Sand 34.8%
Coral Flower 44.7%	Cherokee Tan 29.6%	Egg Shell 54.0%	Fountain Blue 20.7%	Riviera 17.9%	Coastline 41.8%
Desert Rose 40.8%	Warm Spice 16.1%	Oatmeal 51.4%	Azure Breeze 18.2%	Teal 7.7%	Pebble 27.3%
Light Sienna 23.7%	Canella 18.3%	Green Speckle 50.7%	Diamond Blue 11.0%	Sea Green 19.4%	Clay 28.5%
Sedona Clay 29.8%	Mahogany 12.3%	Custom Red 52.3%	Rich Blue 12.6%	Mallard Green 15.4%	British Fog 21.0%
Paprika 29.4%	Autumn Brown 11.6%	Custom Blue 52.3%	Cobalt Blue 18.1%	Rain Forest 16.2%	Dark Granite 18.1%
Viking Red 17.0%	Copperstone 8.9%	Custom Speckle 50.7%	Bimini Blue 23.2%	Shamrock Green 14.2%	Peanut Brittle 23.0%
Fire Engine Red 9.5%	Coffee Bean 4.6%	Cappuccino 32.3%	Sapphire 11.4%	Holly Green 11.1%	Wild Mushroom 11.2%
Banner Red 14.5%	Pink Ice 52.4%	Custom Gray 51.2%	Ocean Blue 21.5%	Moss Green 5.1%	Flint 8.2%

Note: All color samples are representative only. For accurate color selection, ask your sales representative for samples.

Astra-Glaze SW+® Shapes & Sizes

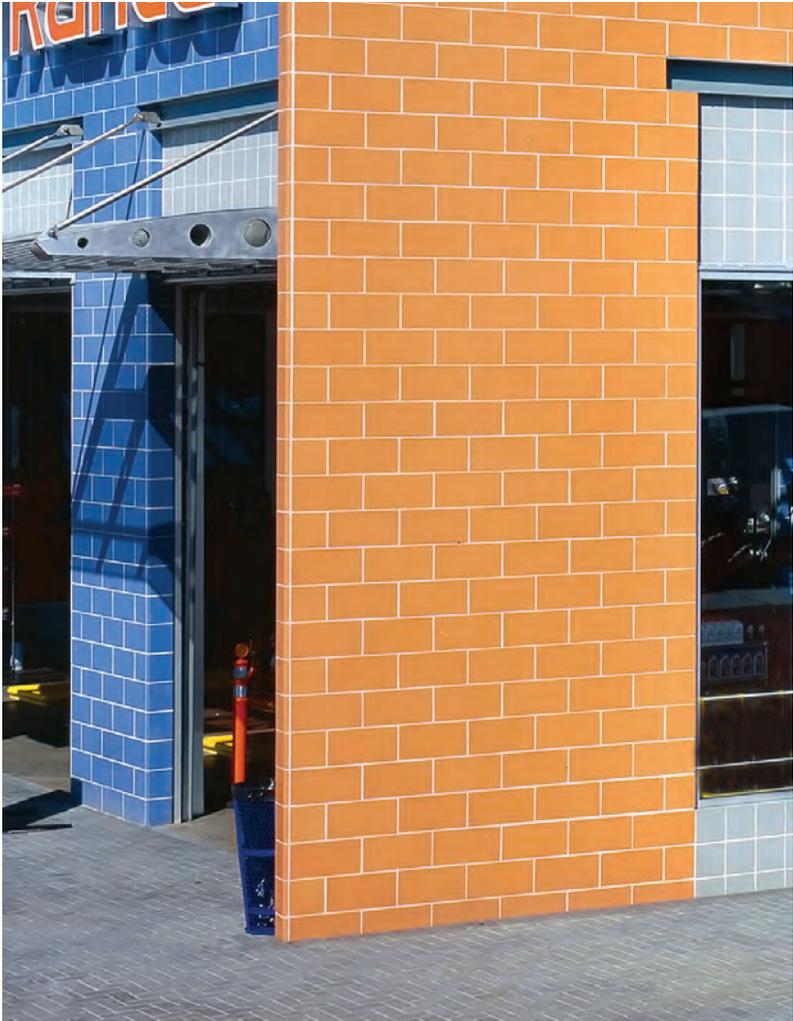
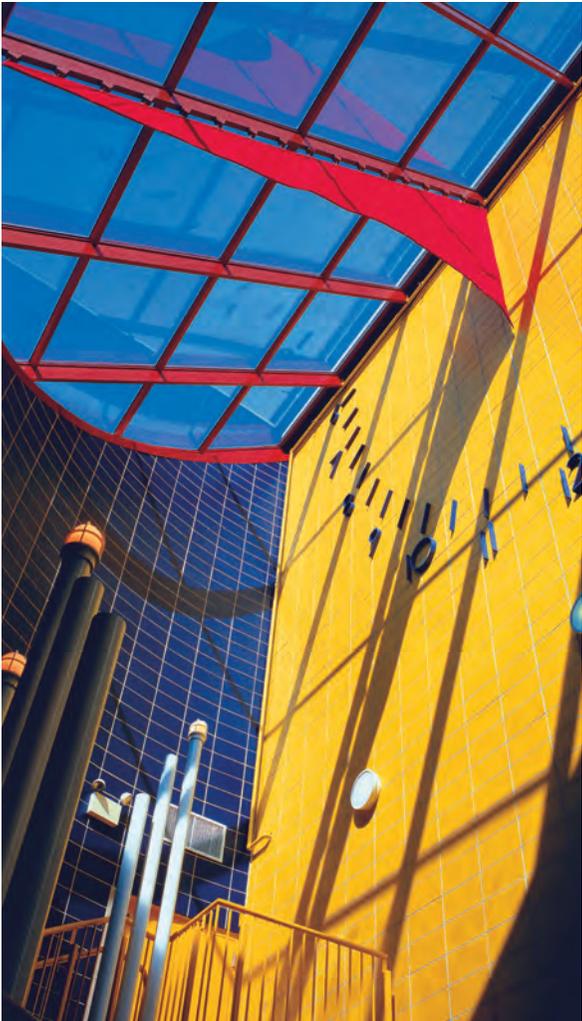


* Specify Left or Right (L or R)

** See cautionary note regarding double-faced units in installation Recommendations on Specifications page.

NOTE: Not all sizes shown in this brochure. Please consult with your nearest manufacturing facility.

All color samples are representative only. For accurate color selection, always request a full size sample.



All images shown are Astra-Glaze Sw+®

Cordova Stone™

TRENWYTH® ARCHITECTURAL MASONRY



Cordova Stone™

Upscale aesthetic in an economical architectural block option.

Performance Upgrade Option:
EnduraMax™ Wall System



From top to bottom, Cordova Stone™ can economically supply you with the look and feel of natural limestone or cast stone. Cordova Stone units are high-density, pre-finished architectural concrete masonry units that achieve the look of natural stone by incorporating all-natural aggregates and recycled content, delivering the prestigious appearance which has remained a desired look for centuries. This high-quality masonry product adds beauty and elegance to all residential, commercial and institutional projects.

Features & Benefits

- Maintenance-free
- Mold & mildew resistant
- Durable
- Expanded colors & finishes
- Sizes & shapes may be customized for any need.

Natural Colors & Textures

	Buff	Limestone	Alabaster	Graphite	Midnight
Ground Face					
Rock Face					
Texture Face					
Chisel Face					

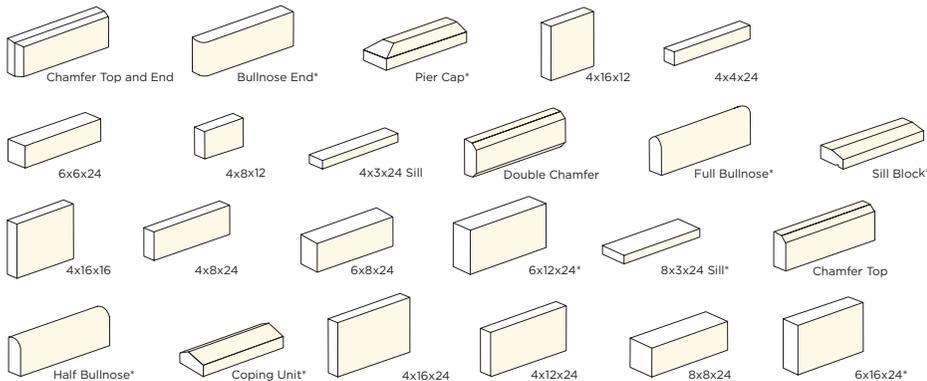
Earth Blend Colors & Textures

Mountain Blend	Desert Blend	Canyon Blend	Woodland Blend

Note: All color samples are representative only. For accurate color selection, ask your sales representative for samples.

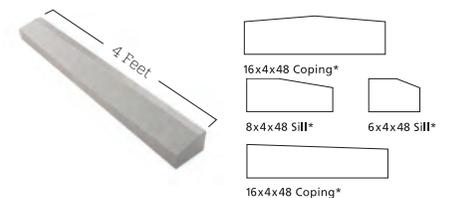
Select Shapes & Sizes

State-of-the-art equipment is used for customizing standard units to fit your special design needs. Inquire about the endless ways that we can shape, cut and tool Cordova Stone™ into pieces that bring your design concept together, including archway pieces, coping units and sill pieces.



New Longer Sizes

Not only will these four-foot sills and coping units look great in your finished project, they will also look great in the bottom line. Less mortar joints yield reduced labor costs and less chance of water infiltration. These units are machine made and can be cut to your specifications.



* Available in Ground Face only.

Franklin Stone™

TRENWYTH® ARCHITECTURAL MASONRY



Franklin Stone™

Cast stone architectural block emulating the look of natural limestone.

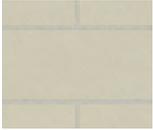
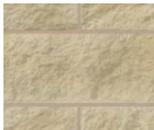
Performance Upgrade Option:
EnduraMax™ Wall System

Whether you prefer smooth texture and clean lines, or a bold chiseled face, Franklin Stone™ is the ideal product for the look of cast stone with modern manufactured masonry veneer advantages. Franklin Stone is made from a mixture of white Portland cement, combined with fine aggregates, resulting in a highly dense product with a texture similar to that of natural limestone. And unlike other masonry units, the aggregates do not show, giving Franklin Stone its consistent, natural finish.

Features & Benefits

- Large variety of colors & shapes
- Mold & mildew resistant
- One step installation
- Low maintenance & durable
- Design flexibility
- Consistent color throughout

Colors & Textures

	Congress Tan	Liberty Gray	Monument White	Senate Sage
Smooth Face				
Rock Face				
Chisel Face				
Texture Face				

Note: All color samples are representative only. For accurate color selection, ask your sales representative for samples.

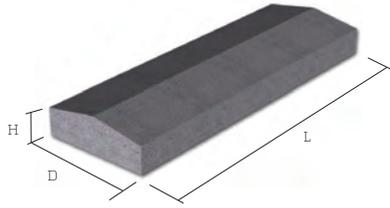
Select Shapes & Sizes

Veneer Units	Flat Sill Units*	Sloped Sill Units*
 4 x 4 x 24	 5 x 2 1/4	 6 x 4
 4 x 8 x 24	 5 x 3	 6 x 4 Chamfer
 4 x 12 x 24	 5 x 4	 5 x 5
 4 x 16 x 24		 7 x 4
		 8 x 4
		 7 x 8

Note: All units available in smooth, rockface or chisel face finishes. Drip cuts available.
* Sill units are available in 36" or 48" lengths

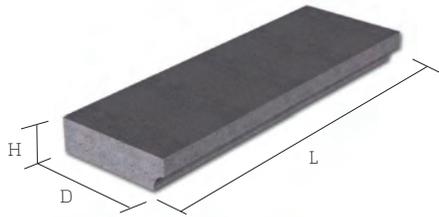
Coping Units

Peaked Coping*



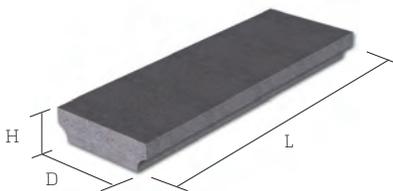
Depth (D)	Height (H)	Length (L)
10"	3" – 8"	36" & 48"
12"	3" – 8"	36" & 48"
14"	3" – 8"	36" & 48"
16"	3" – 8"	36" & 48"

Profiled Coping (Single Side)



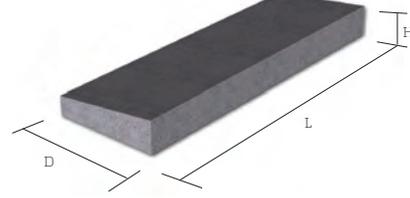
Depth (D)	Height (H)	Length (L)
10" – 36"	3" – 8"	36" & 48"

Profiled Coping (Both Sides)



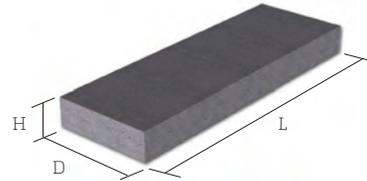
Depth (D)	Height (H)	Length (L)
10" – 36"	3" – 8"	36" & 48"

Sloped Coping



Depth (D)	Height (H)	Length (L)
10 1/2"	3" – 6"	36" & 48"
12"	3" – 6"	36" & 48"
13"	3" – 6"	36" & 48"
14"	3" – 6"	36" & 48"
16"	3" – 6"	36" & 48"
17"	3" – 6"	36" & 48"
18"	3" – 6"	36" & 48"
20 3/4"	3" – 6"	36" & 48"
25"	3" – 6"	36" & 48"

Flat Coping



Depth (D)	Height (H)	Length (L)
10" – 36"	3" – 8"	36" & 48"

Note: All sizes are nominal. Actual sizes less 3/8".

* Standard peaks are 1/2" or 1" higher than edge of heights. If required, peaks can be up to 2" higher.

Arches and Headers

Arch details over windows and openings tend to give a rich end element to your project. These come in many shapes and sizes that can be customized to fit the look that you are trying to achieve.



Note: Available in most common shapes and sizes. Arch is available as one solid piece or as a 3-piece.

Flashing of Masonry Work

Install flashing at locations shown in the plans and in strict accordance with the details and the best masonry flashing practices. Install weep holes and vents at proper intervals (32" or 24" O.C. depending on unit length, above bed joint) at courses above grade, above flashing and at any water stops over windows, doors and beams. Consult NCMA TEK 5-1B "Concrete Masonry Veneer Details" for proper detailing information.

Control Joints

Control joints should be placed at no greater than 20' O.C. Locate 2'-4' from corners, at side of windows/openings, at wall height changes, inside corners and at piers or columns. For more information on control joints, consult NCMA TEK 10-4 "Crack Control for Concrete Brick and Other Concrete Masonry Veneers".

Horizontal Joint Reinforcing

Horizontal joint reinforcing should be used every 16" O.C. vertically as described in NCMA TEK 12-2B and TEK 10-4. When using oversized units 12" or 16" tall, install in every course. This will greatly reduce or eliminate shrinkage or hairline movement cracks.

Weather Resistant

All units are made with an integral water repellent. This admixture is blended throughout the unit giving it outstanding water repellent characteristics. Not only does it not allow moisture into the wall but it also protects against efflorescence.

Mortar

Use Type N mortar for all veneer applications. Type S is too strong and may cause shrinkage cracks due to the high cement ratio. The use of an integral water repellent additive is recommended to help keep moisture out of the wall. Rake and caulk all window sills and coping head joints.

Applications

Franklin Stone offers custom shapes to accent all building styles, including both commercial and residential projects. From the base, at or below grade, watertables, sills, medallions, quoins, banding cornice all the way up to coping, Franklin Stone is the choice of architects all across the country.

Mesastone[®]

TRENWYTH[®] ARCHITECTURAL MASONRY

Mesastone[®]

Pre-finished architectural block with an even texture.

Performance Upgrade Options:
EnduraMax™ System, InsulTech™ System, & Monumental CMU



Mesastone[®] textured masonry units are pre-finished architectural concrete blocks made with special colored aggregates and pigment uniformly finished to an even texture. The Mesastone textured surface resembles split face block, but is more uniform, easier to lay-up and provides a straighter site line to the building.

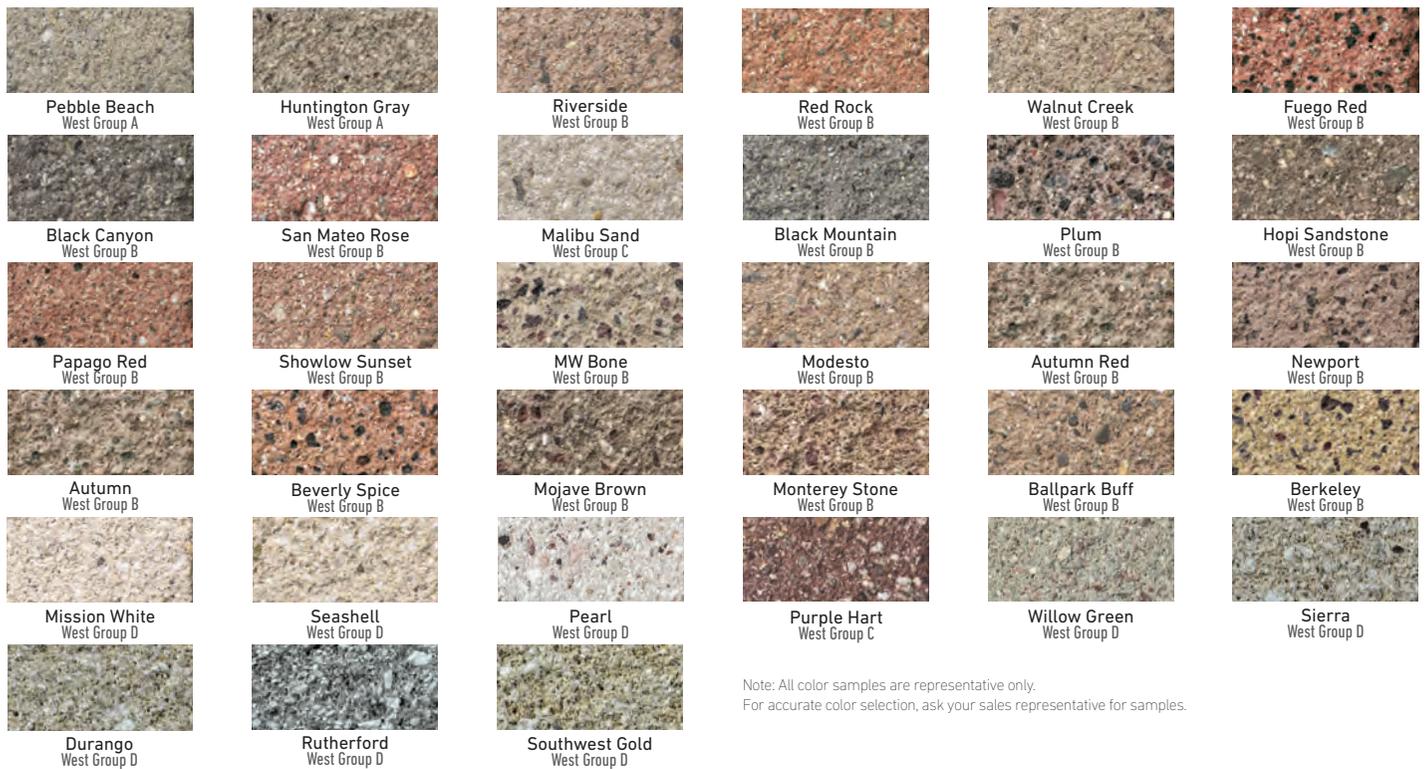
Features & Benefits

- One-step installation
- Low maintenance
- Mold & mildew resistant
- Durable
- Over-sized units available

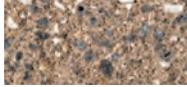
Mesastone® East Colors



Mesastone® West Coast Colors

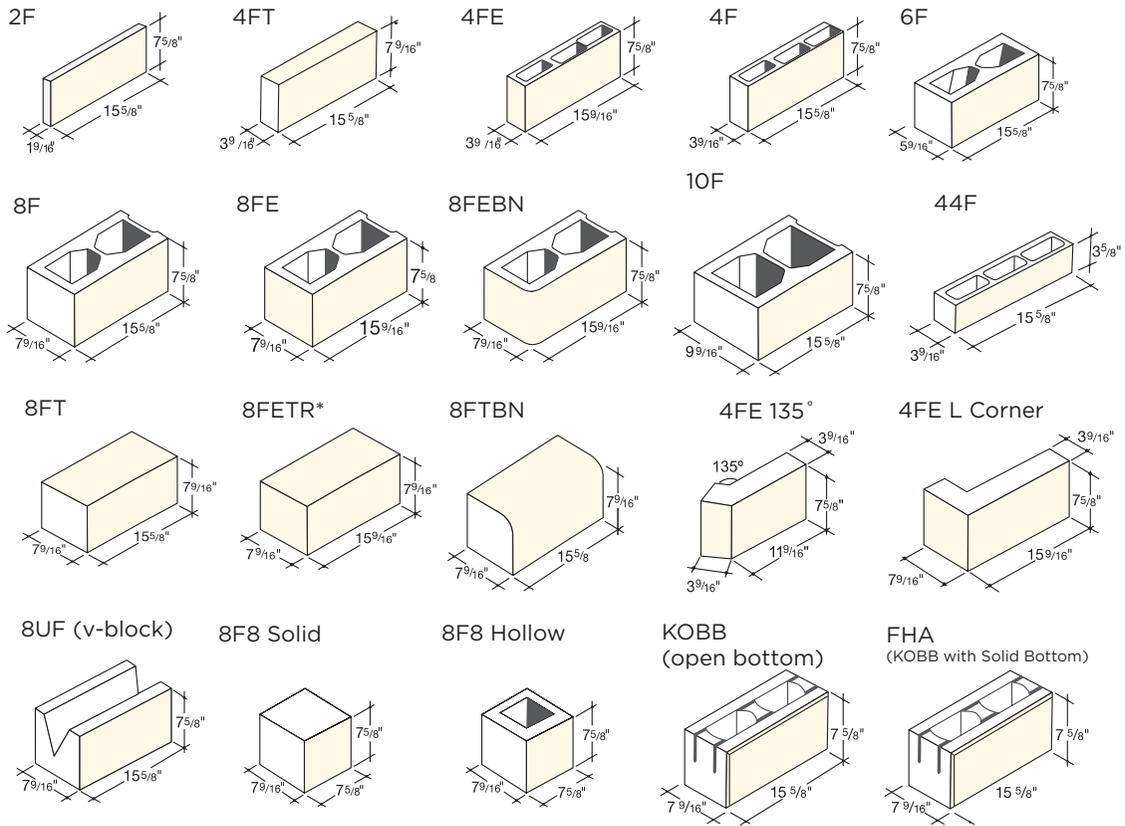


Mesastone® Midwest Colors

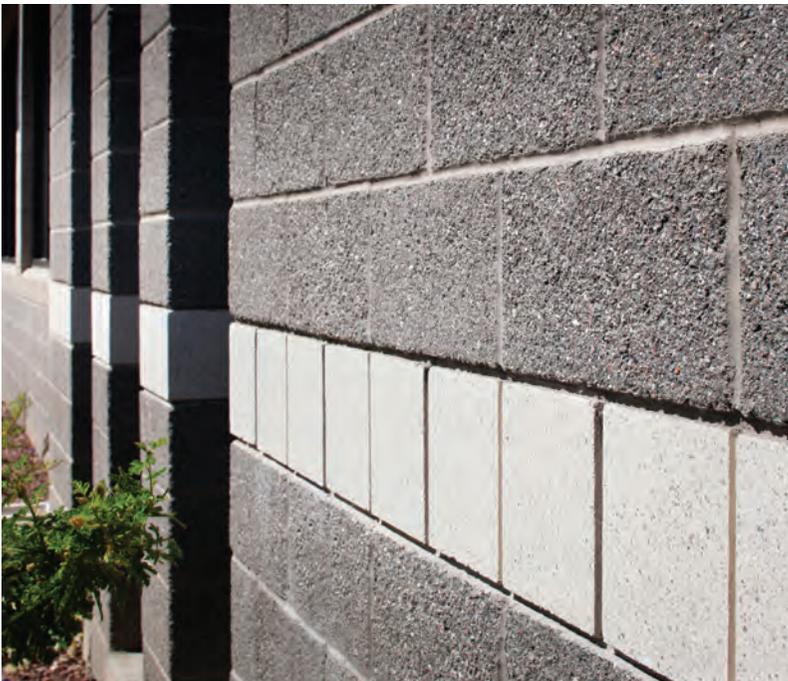
Bradley Midwest Group B	Natural MW Midwest Group A	Butterfield IV Midwest Group A	Elmhurst Midwest Group A	Lincoln Midwest Group A	Springfield Midwest Group A
					
Sandstone III Midwest Group A	Sterling Midwest Group A	Red Bud Midwest Group B	Oak Midwest Group B	County Gray Midwest Group B	Sequoia Midwest Group C
					
Tawny Midwest Group B	Limestone II Midwest Group C	Bloomington Midwest Group B	Jewelstone Midwest Group C	Shadow Gray Midwest Group C	Ash Charcoal Midwest Group B
					
Gray Marble Midwest Group C	Light Karmel Midwest Group C	Spice Midwest Group C	Knight Gold Midwest Group C	Gray Stone Midwest Group B	Irish Cream Midwest Group C
					
Oreo Cream Midwest Group C	Red Brick M Midwest Group C	Almond Bark Midwest Group C	Haydite Midwest Group C	Sundown Midwest Group C	Aztec Tan Midwest Group C
					
Baton Rouge Midwest Group C	Gold Stone Midwest Group C	Lasalle Midwest Group A	Marengo Midwest Group C	Sedalia Midwest Group B	Belvidere Midwest Group A
					
Light Brown Midwest Group B	Colonial Red M Midwest Group B	Midwest White Midwest Group C	Chocolate Midwest Group C	Irving Cream Midwest Group C	
					

Note: All color samples are representative only.
For accurate color selection, ask your sales representative for samples.

Mesastone® Shapes & Sizes



Note: Not all sizes are shown in this brochure. Please consult your nearest manufacturing facility. Metric shapes & sizes are also available. All units are also available in Trendstone, Trendstone Plus, Verastone and Verastone Plus.
 *Specify left or right. (Right shown)



Also available in Large scale sizes
 (Monumental CMU), including:

- 8 x 24 16 x 16
- 12 x 12 16 x 24
- 12 x 24



Trendstone®

TRENWYTH® ARCHITECTURAL MASONRY



Trendstone®

Pre-finished integrally colored architectural block with one or more faces ground.

Performance Upgrade Options:

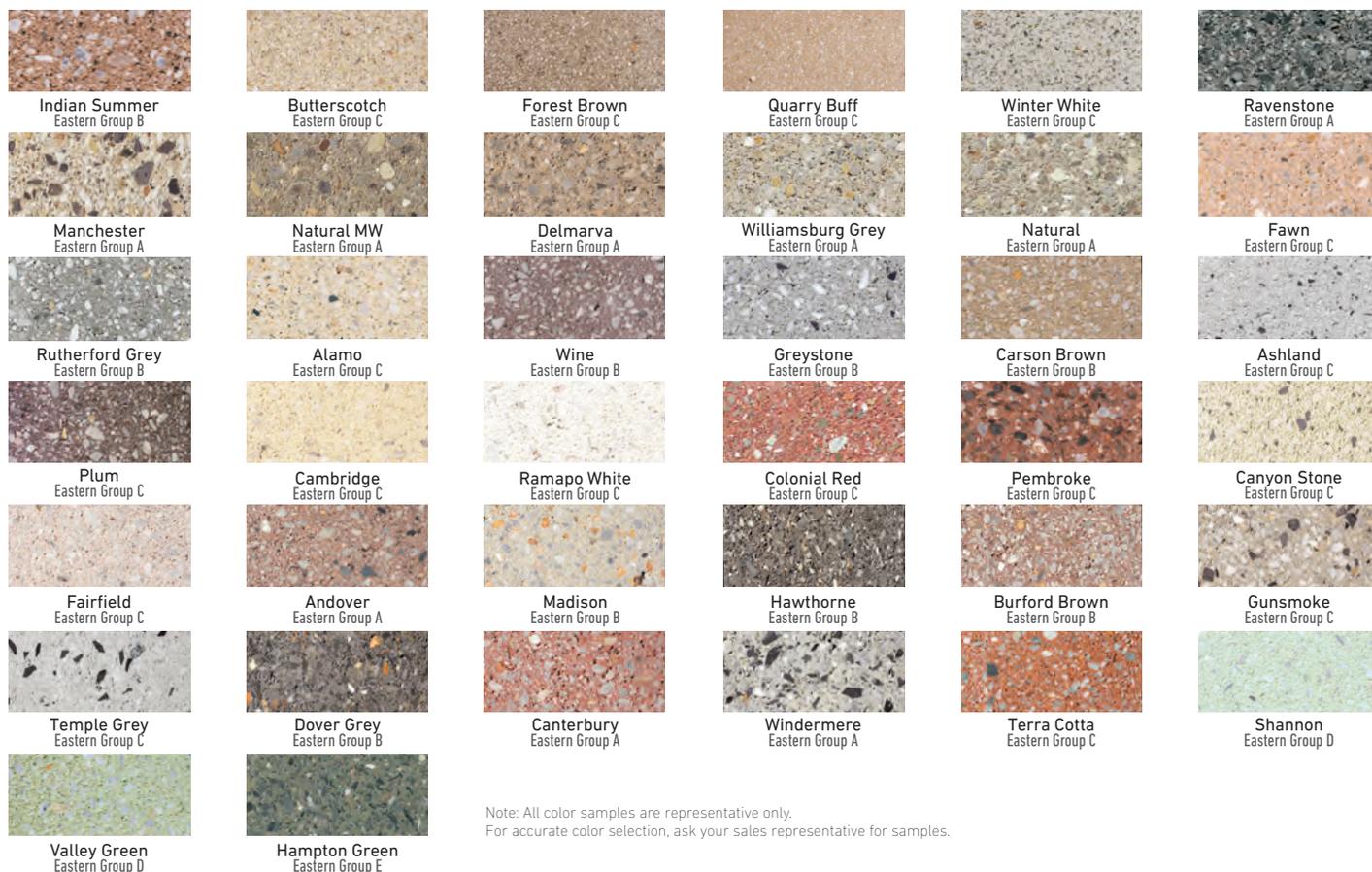
EnduraMax™ System, InsulTech™ System, Acousta-Wal®, Monumental CMU

Trendstone® ground face masonry units are pre-finished, integrally colored concrete block with one or more faces ground to expose the variegated colors of the natural aggregates. A factory-applied clear satin gloss acrylic accentuates the natural beauty of the aggregates and provides moisture resistance.

Features & Benefits

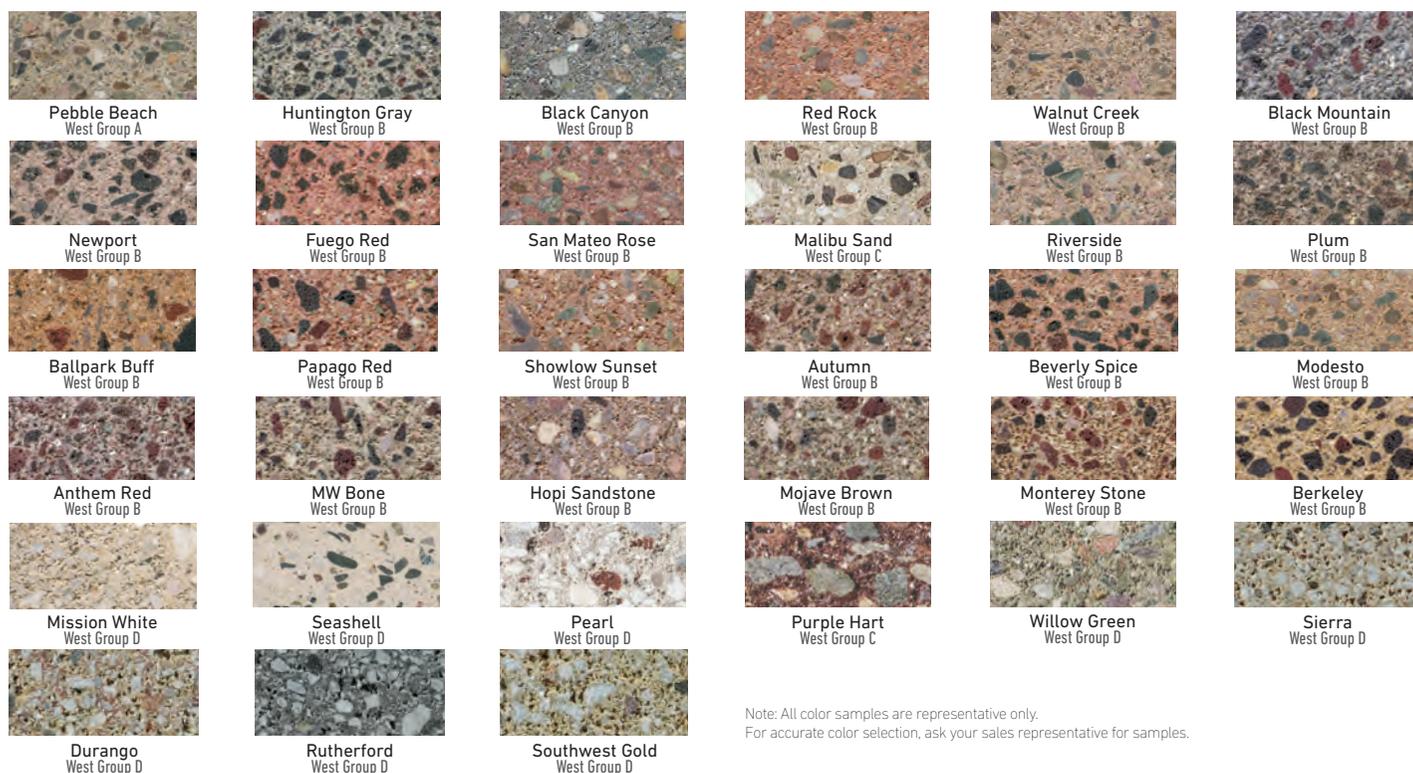
- One-step installation
- Maintenance free
- Easy-to-clean
- Mold & moisture resistant
- Durable
- Design flexibility
- Fire protection
- Sound absorbing
- Over-sized units available

Trendstone® East Colors



Note: All color samples are representative only.
For accurate color selection, ask your sales representative for samples.

Trendstone® West Coast Colors



Note: All color samples are representative only.
For accurate color selection, ask your sales representative for samples.

Trendstone® Midwest Colors

Burnt Sandstone
Midwest Group B



Sedalia
Midwest Group B



Saddle Tan
Midwest Group B



Goldstone
Midwest Group C



Midwest Slate
Midwest Group C



Sandstone III
Midwest Group A



Bradley
Midwest Group B



Natural MW
Midwest Group A



Elmhurst
Midwest Group A



Springfield
Midwest Group A



Sterling
Midwest Group A



Oak
Midwest Group B



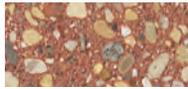
Marengo
Midwest Group C



Limestone II
Midwest Group C



Bloomington
Midwest Group B



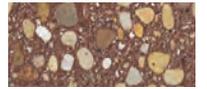
Adobe
Midwest Group B



Colonial Red M
Midwest Group B



Red Bud
Midwest Group B



Lasalle
Midwest Group A



Sequoia
Midwest Group C



Tawny
Midwest Group B



Light Brown
Midwest Group B



Ash Charcoal
Midwest Group B



Knight Gold
Midwest Group C



Gray Stone
Midwest Group B



Light Karmel
Midwest Group C



Sundown
Midwest Group C



Irving Cream
Midwest Group C



Shadow Gray
Midwest Group C



Almond Bark
Midwest Group C



Aztec Tan
Midwest Group C



Oreo Cream
Midwest Group C



Irish Cream
Midwest Group C



Midwest White
Midwest Group C



Spice
Midwest Group C



Jewelstone
Midwest Group C



Brick Red M
Midwest Group C



Gray Marble
Midwest Group C



Lincoln
Midwest Group A



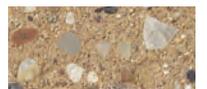
County Gray
Midwest Group B



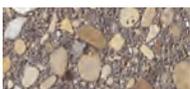
Chicago Gray
Midwest Group C



Butterfield IV
Midwest Group A



Belvidere
Midwest Group A



Morning Glory
Midwest Group B



Parchment
Midwest Group C



Rocky Road
Midwest Group B



Baton Rouge
Midwest Group C

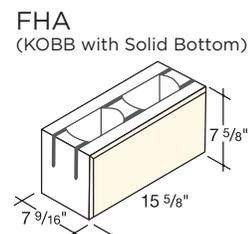
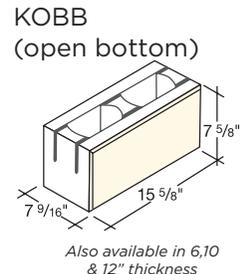
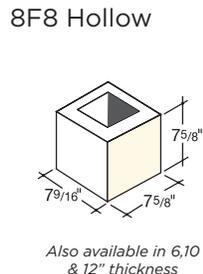
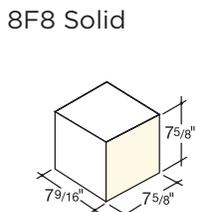
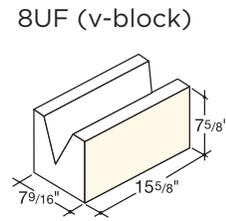
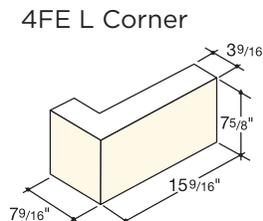
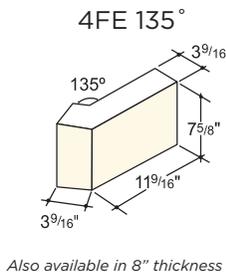
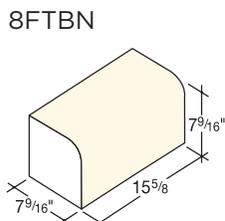
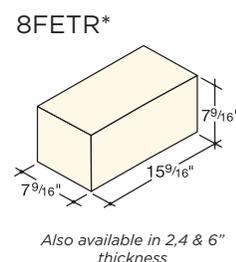
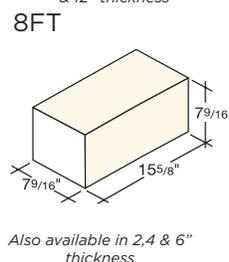
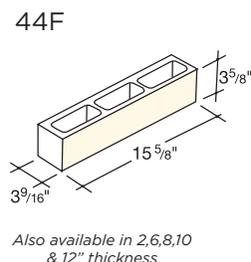
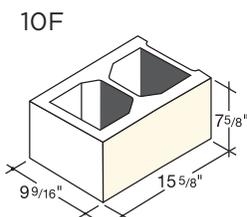
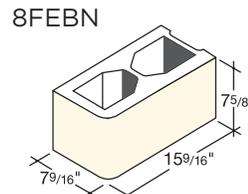
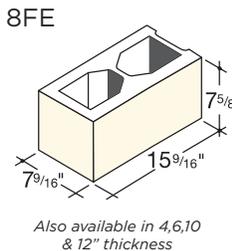
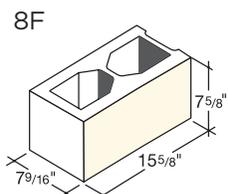
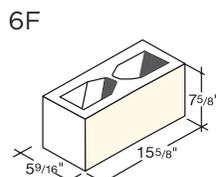
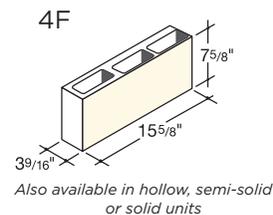
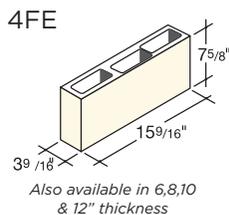
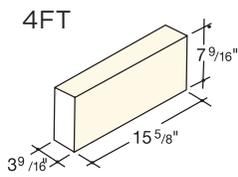
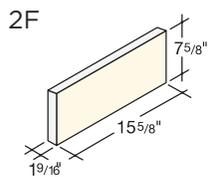


Coral
Midwest Group C

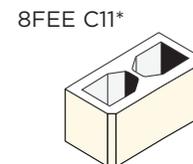
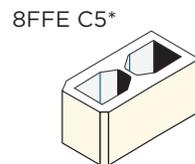
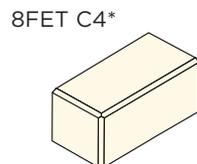
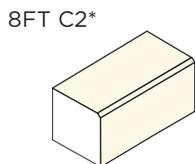
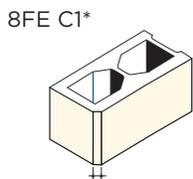


Note: All color samples are representative only.
For accurate color selection, ask your sales representative for samples.

Trendstone® Shapes & Sizes



Trendstone® Chamfers**



Note: Not all sizes are shown in this brochure. Please consult your nearest manufacturing facility. Metric shapes & sizes are also available.

*Specify left or right. (Right shown)

** Chamfered corners minimize chipping and eliminate sharp corners. Not all chamfer designations are shown. Any side can be chamfered.

Trendstone Plus[®]

TRENWYTH[®] ARCHITECTURAL MASONRY



Trendstone Plus[®]

Pre-finished integrally colored architectural block with a smooth terrazzo finish.

Performance Upgrade Options:

EnduraMax[™] System, InsulTech[™] System, Acousta-Wal[®], Monumental CMU

Trendstone Plus[®] filled and polished ground face masonry units have all the features of Trendstone[®] with the additional benefit of a smooth terrazzo finish. Trendstone Plus[®] are pre-finished, integrally colored concrete blocks with one-step installation and a maintenance free finish that is easy to clean.

Features & Benefits

- One-step installation
- Maintenance free
- Easy-to-clean
- Mold & moisture resistant
- Durable
- Design flexibility
- Fire protection
- Sound absorbing
- Over-sized units available
- Smooth, Terrazzo finish

Trendstone Plus® East Colors

Andover
Eastern Group A



Canterbury
Eastern Group A



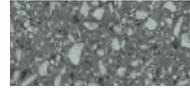
Delmarva
Eastern Group A



Madison
Eastern Group B



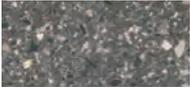
Manchester
Eastern Group A



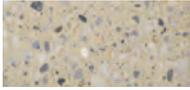
Natural
Eastern Group A



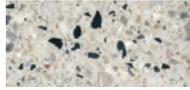
Ravenstone
Eastern Group A



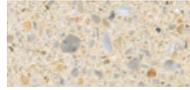
Williamsburg
Eastern Group A



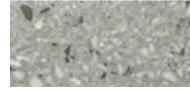
Windermere
Eastern Group A



Alamo
Eastern Group C



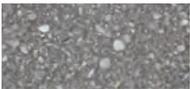
Greystone
Eastern Group B



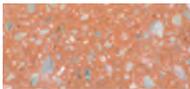
Hawthorne
Eastern Group B



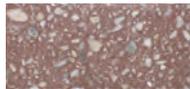
Rutherford Grey
Eastern Group B



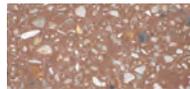
Terra Cotta
Eastern Group C



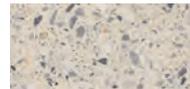
Wine
Eastern Group B



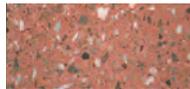
Burford Brown Eastern
Group B



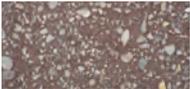
Canyon Stone
Eastern Group B



Colonial Red
Eastern Group C



Plum
Eastern Group C



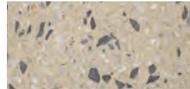
Dover Grey
Eastern Group C



Fairfield
Eastern Group C



Gunsmoke
Eastern Group C



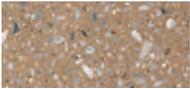
Temple Grey
Eastern Group C



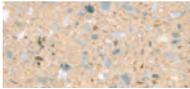
Ramapo White
Eastern Group C



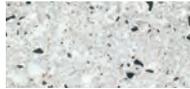
Carson Brown
Eastern Group B



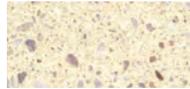
Fawn
Eastern Group C



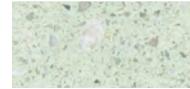
Ashland
Eastern Group C



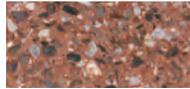
Cambridge
Eastern Group C



Shannon
Eastern Group D



Pembroke
Eastern Group C



Hampton Green
Eastern Group E



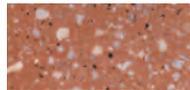
Valley Green
Eastern Group D



Winter White
Eastern Group C



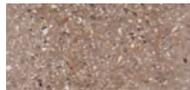
Indian Summer
Eastern Group B



Butterscotch
Eastern Group C



Forest Brown
Eastern Group C



Quarry Buff
Eastern Group C



Note: All color samples are representative only.
For accurate color selection, ask your sales representative for samples.

Trendstone Plus® Midwest Colors

Sandstone III
Midwest Group A



Bradley
Midwest Group B



Natural MW
Midwest Group A



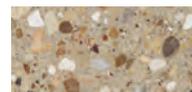
Lincoln
Midwest Group A



Butterfield IV
Midwest Group A



Elmhurst
Midwest Group A



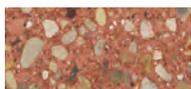
Chocolate
Midwest Group C



Limestone II
Midwest Group C



Bloomington
Midwest Group B



Adobe
Midwest Group B



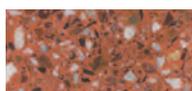
Light Brown
Midwest Group B



Haydite
Midwest Group C



Colonial Red M
Midwest Group B



Oak
Midwest Group B



Tawny
Midwest Group B



County Gray
Midwest Group B



Gray Stone
Midwest Group B



Knight Gold
Midwest Group C



Almond Bark
Midwest Group C



Sundown
Midwest Group C



Shadow Gray
Midwest Group C



Ash Charcoal
Midwest Group B



Aztec Tan
Midwest Group C



Light Karmel
Midwest Group C



Irish Cream
Midwest Group C



Midwest White
Midwest Group C



Oreo Cream
Midwest Group C



Gray Marble
Midwest Group C



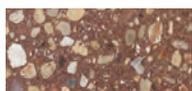
Brick Red M
Midwest Group C



Jewelstone
Midwest Group C



Red Bud
Midwest Group B



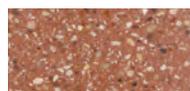
Spice
Midwest Group C



Parchment
Midwest Group C



Rocky Road
Midwest Group B



Belvidere
Midwest Group A



Baton Rouge
Midwest Group C



Flower
Midwest Group C



Lasalle
Midwest Group A



Marengo
Midwest Group C



Sage Brush
Midwest Group C



Note: All color samples are representative only.
For accurate color selection, ask your sales representative for samples.

Trendstone Plus® West Coast Colors



Note: All color samples are representative only. For accurate color selection, ask your sales representative for samples.

Trendstone Plus® Shapes & Sizes

<p>2F</p> <p>15 5/8" x 7 5/8" x 1 9/16"</p>	<p>4FT</p> <p>15 5/8" x 7 9/16" x 3 9/16"</p>	<p>4FE</p> <p>15 9/16" x 7 5/8" x 3 9/16"</p> <p><i>Also available in 6, 8, 10 & 12" thickness</i></p>	<p>4F</p> <p>15 5/8" x 7 5/8" x 3 9/16"</p> <p><i>Also available in hollow, semi-solid or solid units</i></p>	<p>Trendstone Plus® Chamfers**</p>
<p>6F</p> <p>15 5/8" x 7 5/8" x 5 9/16"</p>	<p>8F</p> <p>15 5/8" x 7 5/8" x 7 9/16"</p>	<p>8FE</p> <p>15 9/16" x 7 5/8" x 7 9/16"</p> <p><i>Also available in 4, 6, 10 & 12" thickness</i></p>	<p>8FEBN</p> <p>15 9/16" x 7 5/8" x 7 9/16"</p>	<p>8FE C1*</p>
<p>10F</p> <p>15 5/8" x 7 5/8" x 9 9/16"</p> <p><i>Also available in 12" thickness</i></p>	<p>44F</p> <p>15 5/8" x 3 5/8" x 3 9/16"</p> <p><i>Also available in 2, 6, 8, 10 & 12" thickness</i></p>	<p>8FT</p> <p>15 5/8" x 7 9/16" x 7 9/16"</p> <p><i>Also available in 2, 4 & 6" thickness</i></p>	<p>8FETR*</p> <p>15 9/16" x 7 9/16" x 7 9/16"</p> <p><i>Also available in 2, 4 & 6" thickness</i></p>	<p>8FT C2*</p>
<p>8FTBN</p> <p>15 5/8" x 7 9/16" x 7 9/16"</p> <p><i>Also available in 8" thickness</i></p>	<p>4FE 135°</p> <p>11 9/16" x 7 5/8" x 3 9/16"</p> <p><i>Also available in 8" thickness</i></p>	<p>4FE L Corner</p> <p>15 9/16" x 7 5/8" x 7 9/16"</p>	<p>8UF (v-block)</p> <p>15 5/8" x 7 5/8" x 7 9/16"</p>	<p>8FFE C5*</p>
<p>8F8 Solid</p> <p>7 5/8" x 7 5/8" x 7 9/16"</p> <p><i>Also available in 2, 4, 6, 10 & 12" thickness</i></p>	<p>8F8 Hollow</p> <p>7 5/8" x 7 5/8" x 7 9/16"</p> <p><i>Also available in 6, 10 & 12" thickness</i></p>	<p>KOBB (open bottom)</p> <p>15 5/8" x 7 5/8" x 7 9/16"</p> <p><i>Also available in 6, 10 & 12" thickness</i></p>	<p>FHA (KOBB with Solid Bottom)</p> <p>15 5/8" x 7 5/8" x 7 9/16"</p>	<p>8FEE C11*</p>

Note: Not all sizes are shown in this brochure. Please consult your nearest manufacturing facility. Metric shapes & sizes are also available.

*Specify left or right. (Right shown)
 ** Chamfered corners minimize chipping and eliminate sharp corners. Not all chamfer designations are shown. Any side can be chamfered.

High Polished

TRENWYTH® ARCHITECTURAL MASONRY



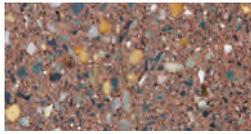
Pair With:
Trenwyth Verastone Plus® and
Trenstone Plus® masonry units for an
aesthetic upgrade and a terrazzo finish.

Change the aesthetics of your next project by adding Oldcastle's filled and polished or high polished option to your architectural block or CMU. This option allows you to maintain all the benefits of a pre-finished architectural concrete masonry unit—one-step installation, maintenance-free and easy-to-clean—but with the look of a smooth terrazzo finish!

Features & Benefits

- Smooth terrazzo finish for an upscale aesthetic
- One-step installation
- Low maintenance & easy to clean
- Available as an upgrade to a number of architectural blocks & concrete masonry units

High Polished Color Swatches



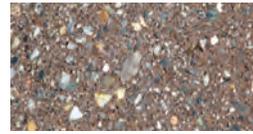
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4102-HP



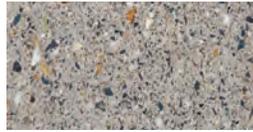
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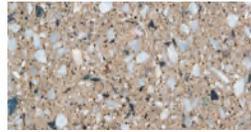
4105-HP



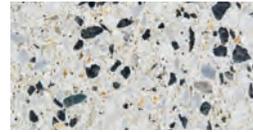
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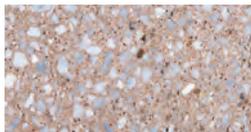
4107-HP



4201-HP



4202-HP



4203-HP



4205-HP



4206-HP



4207-HP



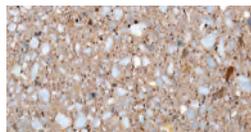
4307-HP



4301-HP



4302-HP



4304-HP



4306-HP



4309-HP

Note: All color samples are representative only.
For accurate color selection, ask your sales representative for samples.

Technical Information

Code	ASTM C90
Minimum Weight	125 lbs./cu. ft. or greater
INTEGRAL WATER REPELLANT	
INTEGRALLY COLORED	



Verastone[®]

TRENWYTH[®] ARCHITECTURAL MASONRY BLOCK

Verastone[®]

Recycled ground face masonry units provide a sustainable masonry solution.

Performance Upgrade Options:

EnduraMax™ System, InsulTech™ System, Acousta-Wal®, Monumental CMU

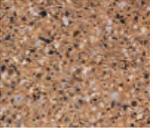


Verastone[®] is one of the original masonry units we created using recycled material that can contribute toward your project's LEED goals. Verastone units are a natural solution providing your project with high-performance Green Building design and application flexibility and are available in ground or textured surface finishes.

Features & Benefits

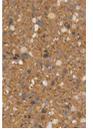
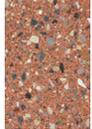
- Original "Green" option
- One-step installation
- Maintenance free
- Mold & moisture resistant
- Durability & structural integrity
- Over-sized units available
- Design flexibility with a wide variety of colors, shapes and scoring patterns
- Fire protection

Verastone® East Colors

	Chablis	Vintage	Rhine Grey	Palomino	Chianti
Verastone					
Verastone Textured					

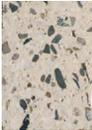
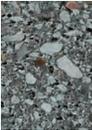
Note: All color samples are representative only.
For accurate color selection, ask your sales representative for samples.

Verastone® Midwest Colors

	Chardonnay	Superior	Austin	Toffee	Old Country	Cambria	Fossil Reef	Cabernet	Schiraz
Verastone									
Verastone Textured									

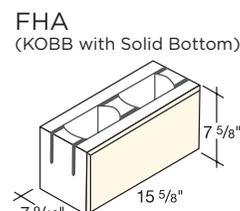
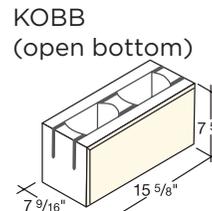
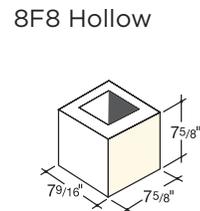
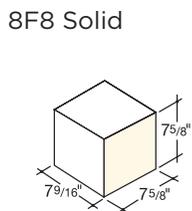
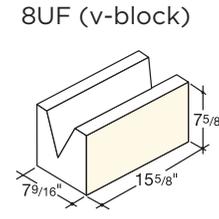
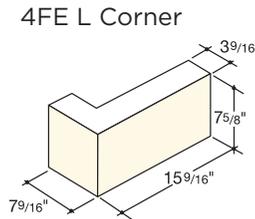
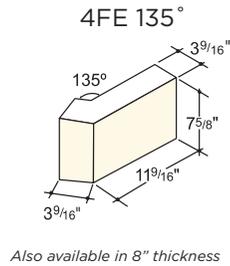
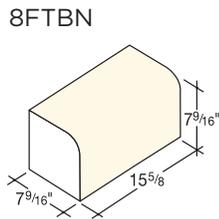
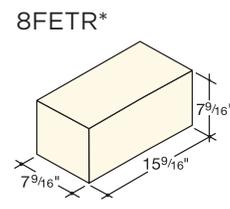
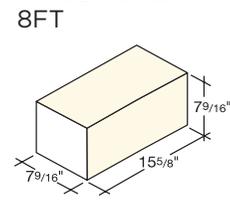
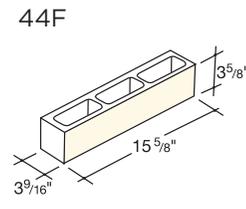
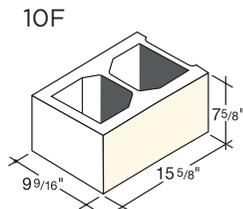
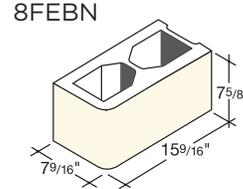
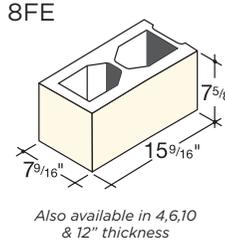
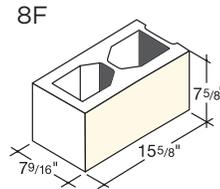
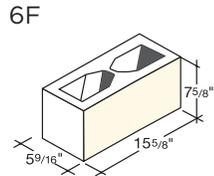
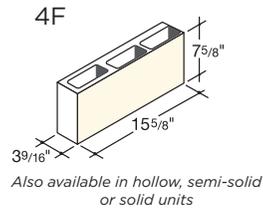
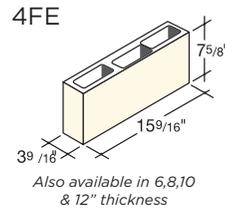
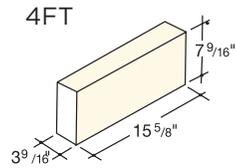
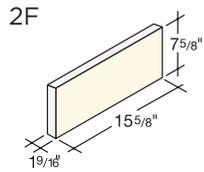
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Verastone® West Coast Colors

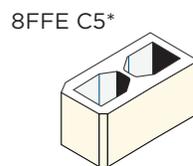
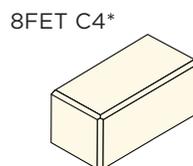
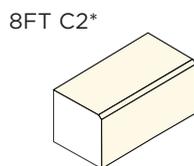
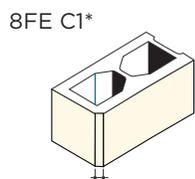
	Seashell	Mission White	Pearl	Sierra	Durango	Rutherford	Southwest Gold	Malibu Sand
Verastone								
Verastone Textured								

Note: All color samples are representative only.
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Verastone® Shapes & Sizes



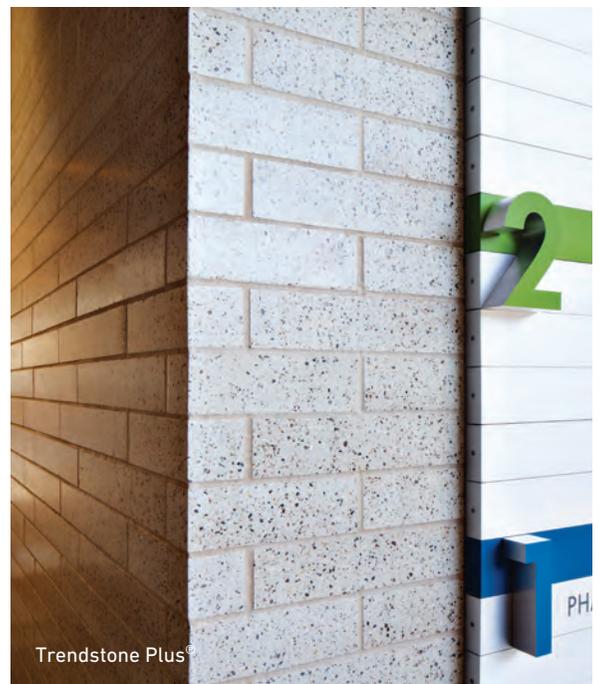
Verastone® Chamfers



Note: Not all sizes are shown in this brochure. Please consult your nearest manufacturing facility. Metric shapes & sizes are also available.

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Verastone Plus[®]

TRENWYTH[®] ARCHITECTURAL MASONRY BLOCK

Verastone Plus[®]

Recycled ground, filled & polished face masonry units provide a sustainable masonry solution.

Performance Upgrade Options:

EnduraMax[™] System, InsulTech[™] System, Acosta-Wal[®], Monumental CMU



Verastone Plus[®] is one of the original masonry units we created using recycled material that can contribute toward your project's LEED goals. Verastone Plus units are a natural solution providing your project with high-performance Green Building design and application flexibility with a ground, filled & polished finish.

Features & Benefits

- Original "Green" option
- One-step installation
- Maintenance free
- Mold & moisture resistant
- Durability & structural integrity
- Over-sized units available
- Design flexibility with a wide variety of colors, shapes and scoring patterns
- Fire protection

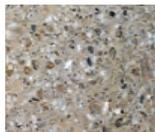
Verastone Plus® East Colors



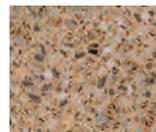
Chablis



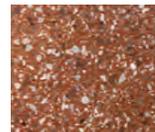
Vintage



Rhine Grey



Palomino



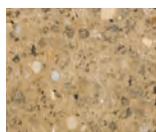
Chianti

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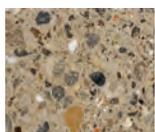
Verastone Plus® Midwest Colors



Fossil Reef



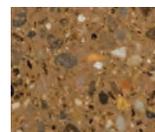
Chardonnay



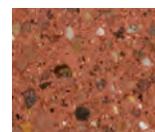
Old Country



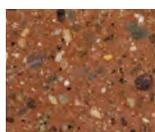
Austin



Cambria



Schiraz



Toffee



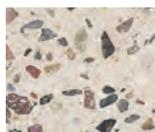
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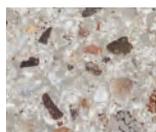
Superior

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Verastone Plus® West Coast Colors



Seashell



Pearl



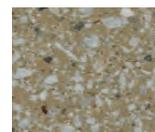
Mission White



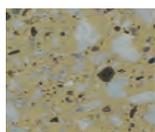
Malibu Sand



Sierra



Durango



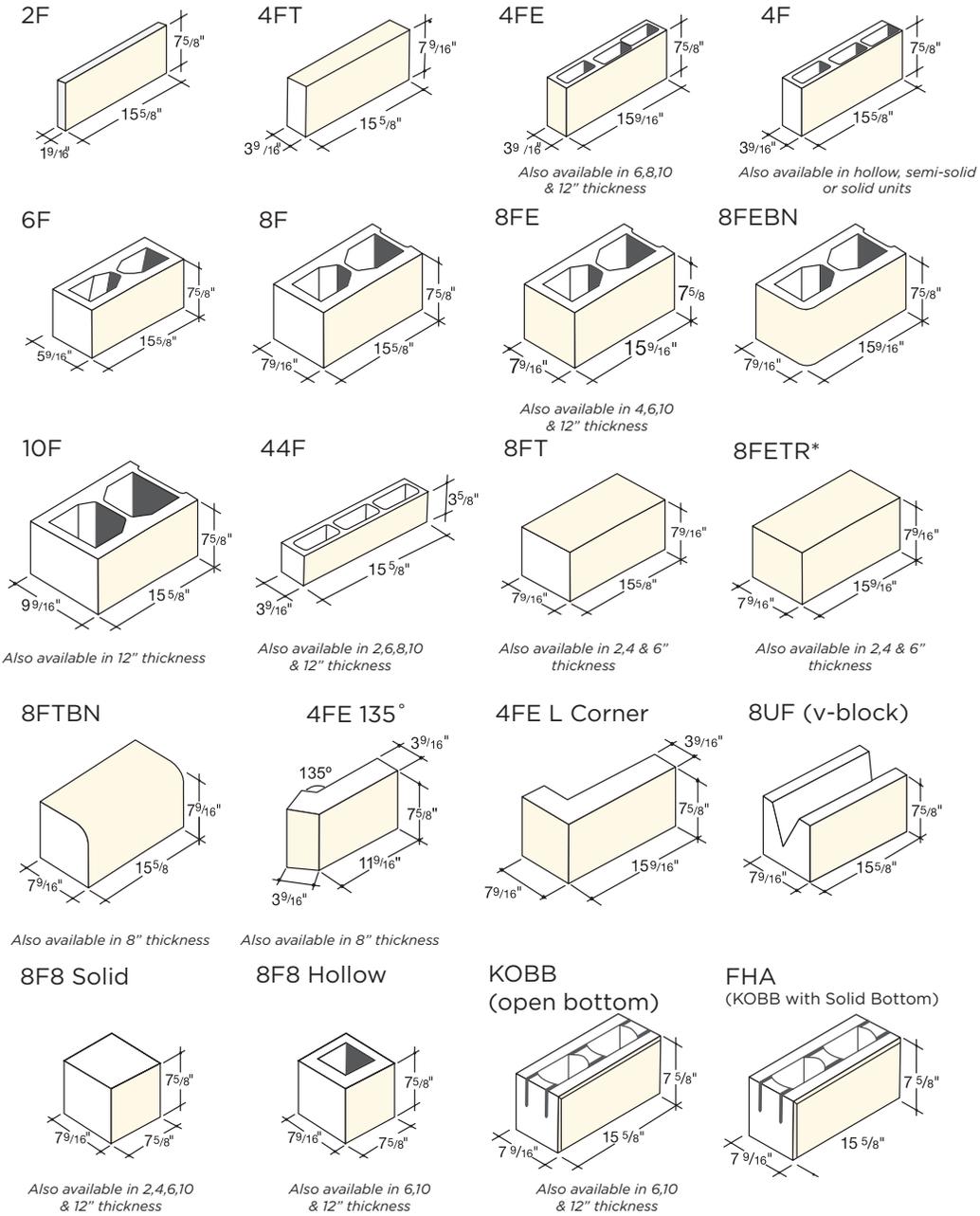
Southwest Gold



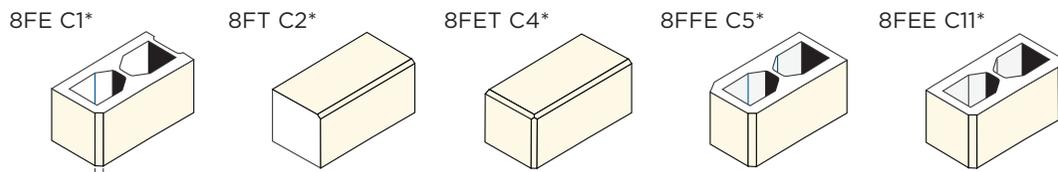
Rutherford

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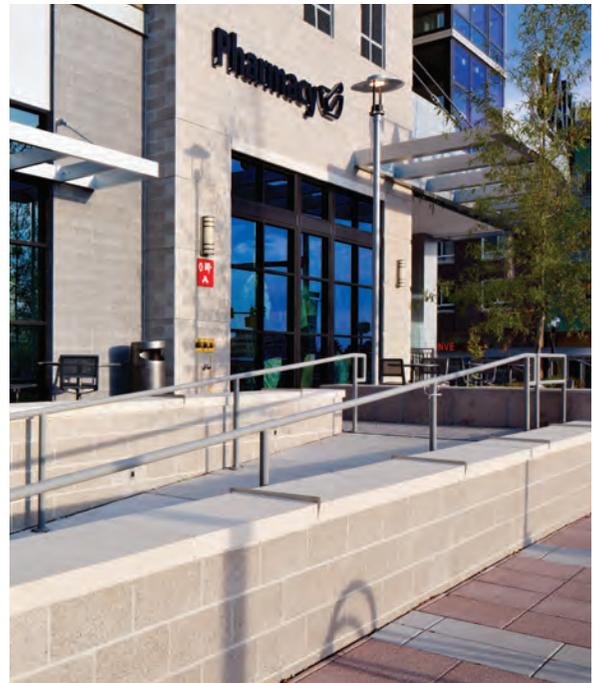
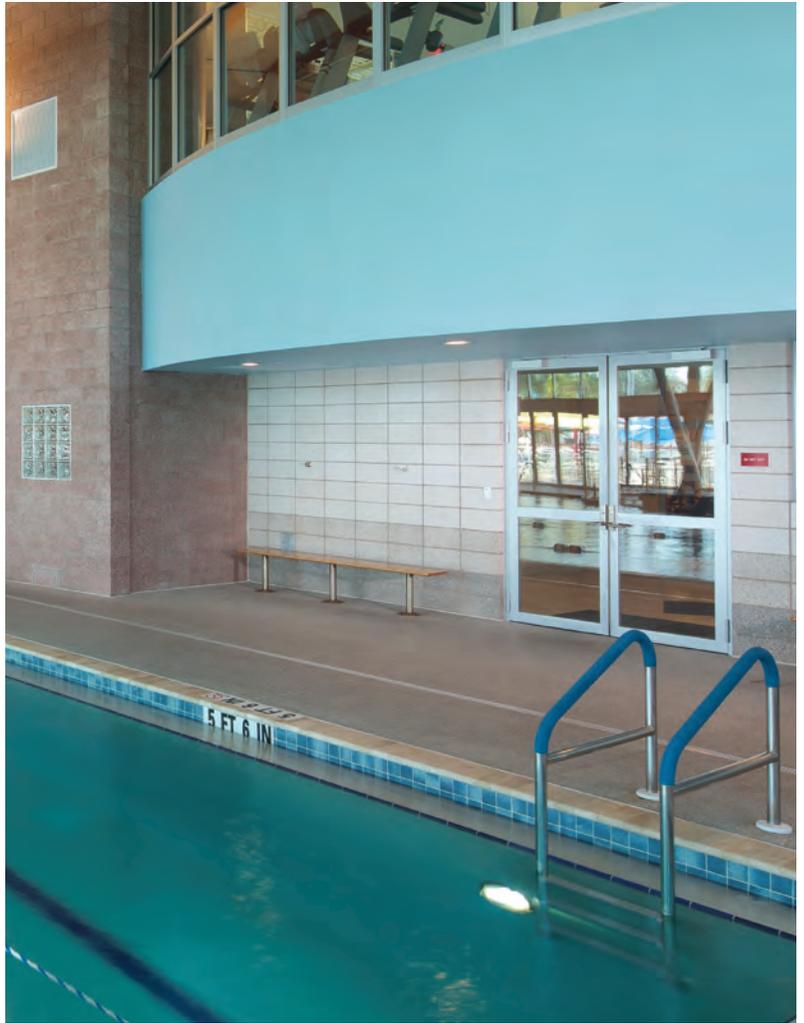
Verastone Plus® Shapes & Sizes



Verastone Plus® Chamfers



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All images shown are Verastone® & Verastone Plus®



“The rich look of brick with one-step installation and national availability.”



03

Quik-Brik[®] Single-Wythe CMU

Products

- Quik-Brik[®] Traditional
- Harvard-Brik[®]

One look and you'll immediately notice the difference. While traditional brick veneers require structural reinforcement, Quik-Brik can stand alone. Because Quik-Brik is concrete masonry, it's durable enough to stand the test of time. Quik-Brik offers efficient, one-step installation, along with the rich look of brick in a variety of colors and shades. Physical performance, usability, and cost effectiveness have earned Quik-Brik its unrivaled reputation for lasting value among architects and contractors alike. Whether a project is large or small in scale, you'll find Quik-Brik is the intelligent choice for exterior masonry.

Quik-Brik®

SINGLE-WYTHE CMU



Quik-Brik®

High quality, single-wythe masonry with national availability and color options.

Performance Upgrade Option:
EnduraMax™ Wall System

When national retailers require a quality product that meets their time and budget constraints without sacrificing aesthetics or durability, they turn to Quik-Brik®. Architects & builders choose Quik-Brik time & time again for its first rate appearance and history of dependability.

Features & Benefits

- Indoor air quality
- Above & beyond code
- Sound transmission
- Compressive strengths
- Handles the elements
- Fire Ratings
- Thermal performance
- Energy efficient

Quik-Brik® Features & Benefits

Indoor Air Quality

Quik-Brik units help keep interior walls dry. By eliminating moisture, the potential for mold growth is greatly reduced.

Above & Beyond Code

Quik-Brik meets and surpasses many of today's more stringent building code requirements, including the ASTM C-90 code for compressive strength and absorption. Its hollow core construction allows for the placement of grout and rebar, which some local codes require.

Sound Transmission

Quik-Brik units typically have an STC (Sound Transmission Class) of 45-48, depending on unit dimensions and manufacturing location. Actual values can be provided by your local Quik-Brik Representative.

Compressive Strengths

Quik-Brik units exceed compressive strength requirements of ASTM C-90. Consult a registered professional engineer to determine additional reinforcing schedules required by local building codes and building design.

Handles The Elements

You can protect your project by selecting a single-wythe masonry unit designed to handle what Mother Nature is capable of dishing out. Quik-Brik is formulated to tackle the elements with a fade-resistant composition and an integral water-resistant polymer.

Fire Ratings

Quik-Brik units typically achieve two to three hour fire ratings, depending on the unit dimensions and manufacturing location. Actual values can be provided by your local Quik-Brik representative.

Thermal Performance

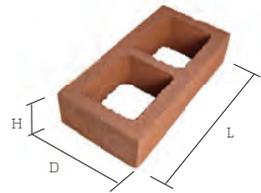
Quik-Brik units can be insulated using the same insulation materials used in standard CMU wall construction.

Energy Efficient

Quik-Brik's hollow core construction also allows for the application of loose-fill or foamed-in insulation to increase wall R-Values, creating energy efficient walls that meet Model Energy Codes.

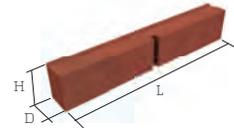
Quik-Brik® Shapes & Sizes

Standard Sizes



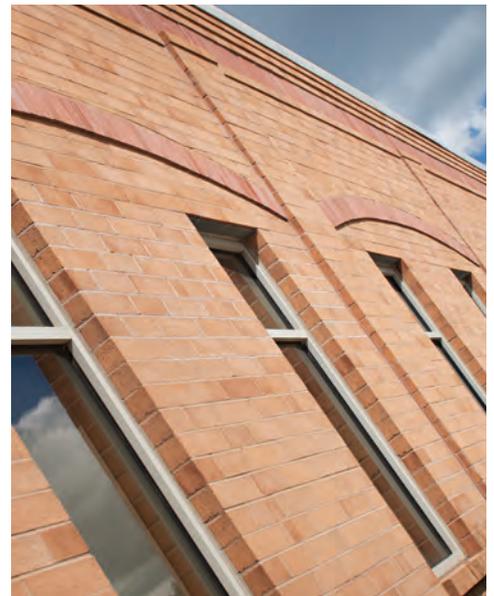
Depth (D)	Height (H)	Length (L)
4"	4"	16"
8"	4"	16"
12"	4"	16"

Sizes Compatible with EnduraMax™ System



Depth (D)	Height (H)	Length (L)
1 ¾"	2 ¾"	16"
1 ¾"	4"	16"

Note: Engineer with score.



Quik-Brik® Traditional

National Flashed Colors

Autumn Flashed



Marous Flashed



Earthtone Flashed



Heritage Flashed



Sandalwood Flashed



Promenade Flashed



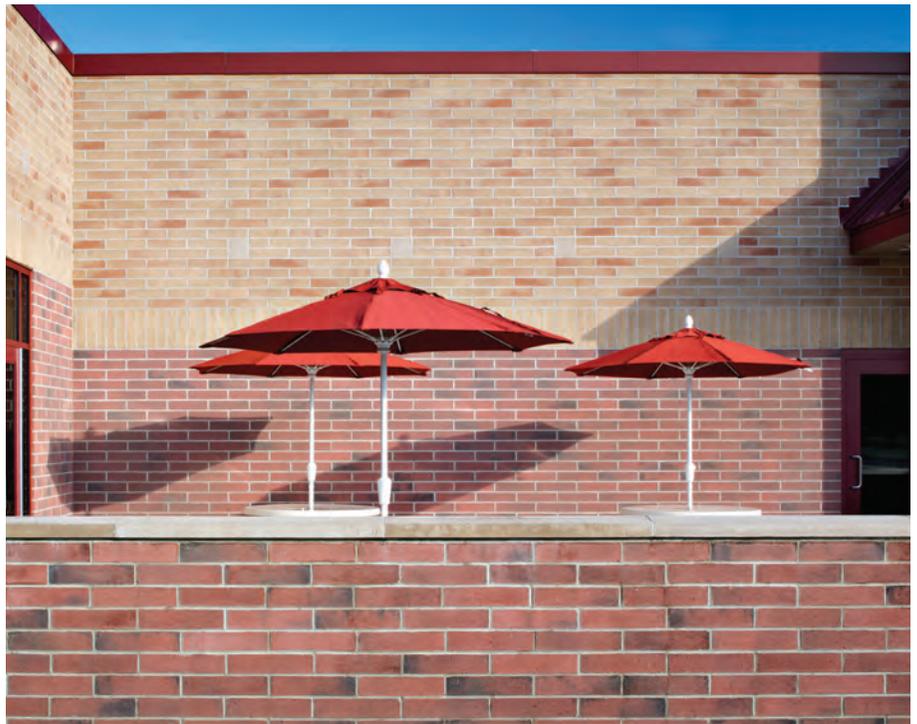
Wilkesboro Flashed



Richfield Flashed



Note: All color samples are representative only.
For accurate color selection, ask your sales representative for samples.



Harvard-Brik®

Harvard-Brik Series offers all of the benefits of Quik-Brik with a unique "blended" color palette using an integral color process to accentuate your building & provide color fastness.

Austin



Bismarck



Boston



Montgomery



Providence



Richmond



Sacramento



Tallahassee



Butternut Silk



Mesaba Calm



Charleston



Cheyenne



Coppertone



Note: All color samples are representative only.
For accurate color selection, ask your sales representative for samples.





“Regionally produced building blocks servicing the local community.”



04

Architectural CMUs & Masonry Products

Products

- Ground Face or Marble Face
- Split Face

Architectural Masonry is the evolution of standard gray concrete block into an aesthetically pleasing masonry unit. These products can be used as a stand alone or in conjunction with other masonry materials. Our Architectural CMUs are combined with an integral water repellent, and come in a variety of colors and textures.

Concrete Masonry

ARCHITECTURAL CMUs



Architectural CMUs

Durable, reliable building blocks manufactured regionally and serviced locally.

Performance Upgrade Options:
InsulTech™ System, Filled & Polished

Architectural CMUs provide a durable foundation and solution to commercial projects. Our CMUs are available in numerous finishes and colors to give architects and builders design versatility. Specific styles, colors and finishes are dependent on local availability. Most architectural CMUs are produced with integral water admixture to repel moisture and resist mold and pre-consumer recycled content may be added to help meet sustainable goals.

Features & Benefits

- Durable with design freedom
- Available in many colors and sizes
- Manufactured locally
- One step installation
- Available with pre-consumer recycled content

Ground Face or Marble Face

Ground Face units are manufactured using a unique combination of colored, tightly mixed aggregate to create a smooth ground face finish. Ground face block is available in 4", 6", 8", 10", 12" and 16".

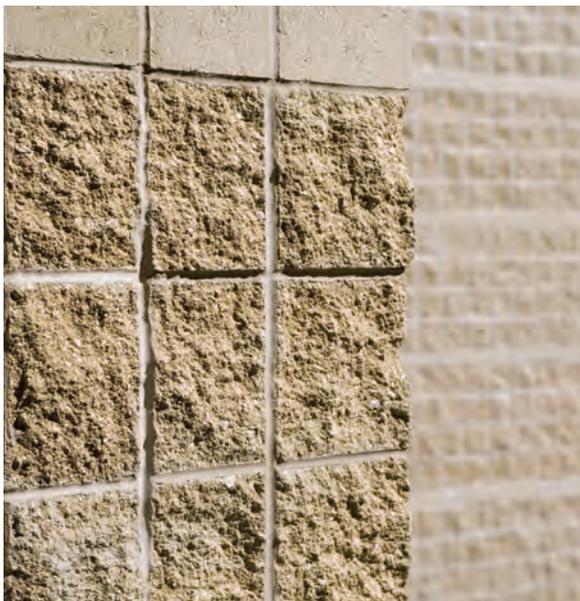
Split Face

Split Face units are molded with two units attached face to face. The units are then mechanically split apart after having been cured, leaving the split face with a rough texture, similar to natural stone. The splitting process reveals the aggregates used in the block, so different aggregates will give different appearances and no two units are exactly alike. Also available are Split Rib units.

Note: Local colors available, ask your sales representative for samples.



Split Face & Ground Face



Split Face & Ground Face



Split Face & Ground Face



“Optimizing the performance of your next project.”



05

Performance Upgrade Options

Options

- Acousta-Wal®
- EnduraMax™ Wall System
- Filled, Polished & High Polished
- InsulTech™ ICMS
- Monumental CMU
- RainBloc®

Enhance the performance of your next project with our selection of performance upgrade options. From perfecting aesthetics to increased energy efficiency and noise reduction, explore our options to take your project to the next level.

Performance upgrade options focus on five primary areas:



Energy Efficiency



Aesthetics



Sustainability



Moisture Management



Acoustics

Acousta-Wal®

ACOUSTICAL COMFORT



Acoustics

Acousta-Wal® provides indoor & outdoor acoustic solutions.

Pair With:

Trenwyth® Astra-Glaze SW+®,
Verastone®, Trendstone® or
standard block masonry units.



Whether it's a school gym, lecture hall or performing arts center, Acousta-Wal® is your indoor/outdoor solution to sound absorption. Its unique design controls sound transmission as it absorbs sound waves. Acousta-Wal absorbs sounds at all frequencies, even the difficult-to-control low frequencies.

Acousta-Wal is a performance upgrade option which may be added to a number of our structural concrete masonry units. It has a closed top and vertical slots on its face, exposing the inner cavity. Working much like an automobile muffler, the closed-end cavities of the different size units resonate to sound waves of different frequencies, converting them harmlessly to heat.

Features & Benefits

- Sound wave absorption
- Sound transmission control
- Low-frequency sound absorption
- One-step installation
- Interior & exterior applications

Acousta-Wal® Noise Reduction Coefficients

Size	Type	Surface	Frequency (Hertz)						NRC*
			125	250	500	1,000	2,000	4,000	
4"	I	Painted	.18	.82	.40	.35	.43	.36	.50
6"	I	Painted	.63	.80	.41	.40	.31	.51	.50
4"	IV	Painted	.21	.78	.97	.80	.68	.73	.80
6"	IV	Painted	.31	1.23	.71	.71	.65	.68	.85
8"	IVRF	Painted	.21	.78	.97	.80	.68	.73	.80
10"	IVRF	Painted	.32	.78	.97	.80	.68	.73	.80
12"	IVRF	Painted	.31	1.23	.71	.71	.65	.68	.85

Acoustics vary with such dynamics as room size, flooring type, window treatments and seating materials. The approach to this analysis depends on if you're trying to dampen sound within the room or trying to block sound from an adjacent area. Contact your local sales representative to request an engineered acoustical study.



Acousta-Wal®, Astra-Glaze SW+®



Acousta-Wal®, Astra-Glaze SW+®

EnduraMax™

HIGH PERFORMANCE WALL SYSTEM



Acoustics, Energy Efficient & Moisture Management

EnduraMax™ System provides layers of performance.

Pair With:

Artisan Masonry Stone Veneers®, Quik-Brik® & Trenwyth® masonry block.



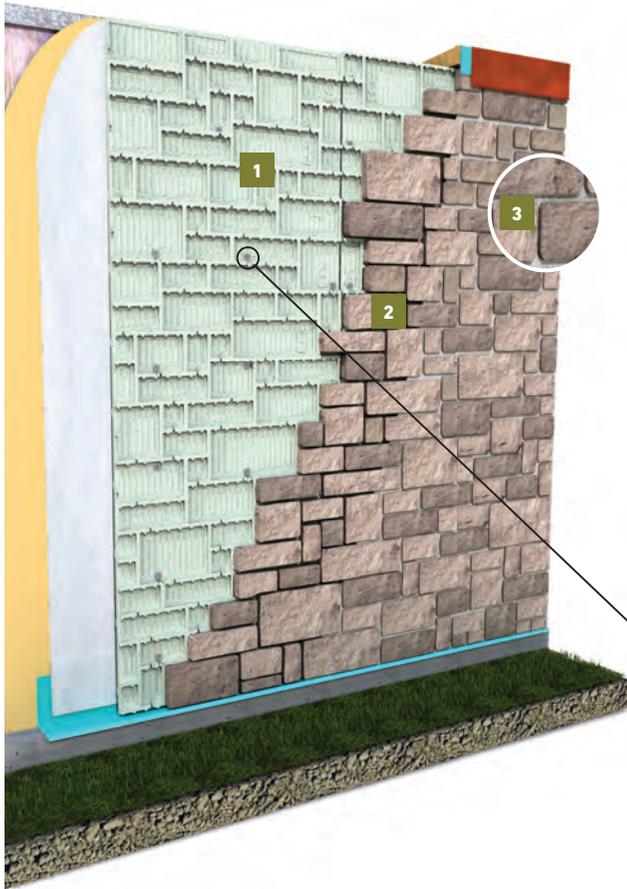
Every component of the EnduraMax™ High Performance Wall System is specifically engineered to work together, forming a total cladding solution that adds superior energy performance. The complete system offers an insulation value of R9.2 steady state. This extra layer of thermal protection means building owners can benefit from a cladding system that helps meet and exceed today's demanding energy codes.

Features & Benefits

- Complete wall system approach
- Increased energy efficiency
- Moisture management
- Sound reduction for acoustical comfort
- Can be paired with most Oldcastle masonry units
- High end aesthetics available
- Quick installation

A System Approach

EnduraMax consists of three essential elements that combine to deliver unmatched performance & beauty to your project.



1 Foam Installation Panels

- Polystyrene insulation panels include premolded cells on the outside face, which form the pattern for installing masonry units.
- Drainage channels in the front and back of each panel allow any water that infiltrates the wall to escape.

2 Masonry Units

- Masonry units insert easily into the cells of the foam panels for quick installation
- Stone, clay and concrete brick options offer endless unique aesthetically pleasing designs.

3 EnduraMax Mortar

- A pre-blended, proprietary mortar that complies with ASTM C270 enhances pumpability, bond strength, flexibility and dimensional stability.



Specially designed anchors affix the masonry and mortar solidly to the wood, steel or concrete masonry structure of a building.



Meeting A Higher Standard

EnduraMax's continuous insulation barrier is an ideal way to meet Energy Star's strict energy performance score requirements. Its superior thermal performance will contribute to eligibility for a Designed to Earn the Energy Star (DEES) certification. With the help of EnduraMax, you can truly distinguish a building by being able to meet this prestigious standard for efficiency.



Sound Proofing

The EnduraMax Wall system has an STC rating of 61dB as per testing done in accordance with ASTM E90.



Wind Rating

Depending on building parameters, EnduraMax Wall System can withstand wind speeds of up to 140 MPH. Tested in accordance with ASTM E330.



Moisture Management

As a total cladding solution, EnduraMax integrates all components necessary to achieve superior moisture management. Channels in the front and back of the insulation panels drain any water that may infiltrate the wall, protecting the structure from damage over a long lifetime of moisture exposure.



Fire Resistance

EnduraMax Wall System may be used over any exterior fire resistance rated assembly without changing the assigned hourly rating allowing to meet a 2-hour fire rating. Tested in accordance with ASTM E119. EnduraMax is also NFPA 285 compliant.



Seismic Info

EnduraMax Wall System may be installed in seismic zones A to D. Please refer to the EnduraMax Evaluation Report sections 5.7, 5.8 and 5.9 for specific seismic information.

The EnduraMax Wall System IAPMO Building Evaluation Report is available at EchelonMasonry.com.



Pair EnduraMax™ with the following products, Artisan Masonry Stone Veneers®, Quik-Brik® or Trenwyth® masonry block for a complete system approach to upgrade the performance of your next project.

Exceeding Tomorrow's Codes

As codes continue to move toward tougher building envelope standards, EnduraMax's superior thermal performance enables you to exceed increasingly stringent R-Value requirements, without having to add additional exterior insulation or build larger wall cavities.

EnduraMax may be installed on metal frame or wood frame buildings up to climate zone 6. Zones 7 and 8 may also be addressed by evaluating the building characteristics and installation details.



A Smarter Masonry

A high performance exterior is critical to a building's overall efficiency. The EnduraMax Wall System helps reduce energy loss and may outperform other cladding options, saving energy and operating costs while enhancing interior comfort and exterior aesthetics.



EnduraMax™ Performance Upgrade Options

The EnduraMax Wall System is a performance upgrade option that may be paired with a number of Echelon™ Masonry products to provide the aesthetics desired. Pair EnduraMax with the following Echelon product lines as well as Morency Stone Veneers and Clay Brick.



Artisan Masonry Stone Veneers®



Trenwyth® Masonry Block



Quik-Brik® Masonry Units

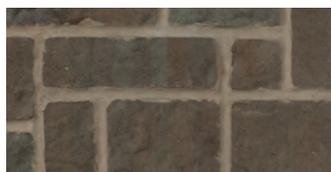
*Ask your local architectural rep for more information

EnduraMax™ Morency Stone Colors & Textures

Light Granite



Mossy Grove



Oldtowne



Piedmont



EnduraMax™ Clay Brick Colors & Textures

Frosted Pepper



Plum Royale



Spiced Apple



Autumn Oak



Crimson Maple



Note: All color samples are representative only. For accurate color selection, ask your sales representative for samples.

Filled, Polished & High Polished

PERFORMANCE UPGRADE OPTIONS



Aesthetics

Create a smooth terrazzo finish.

Pair With:

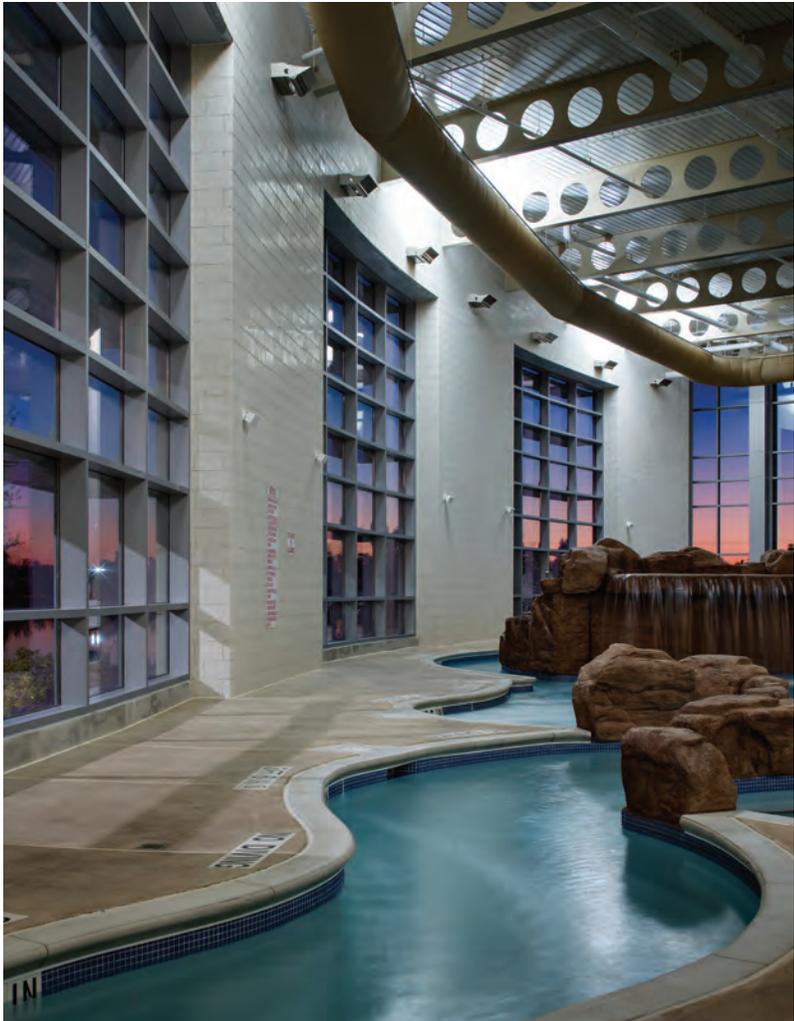
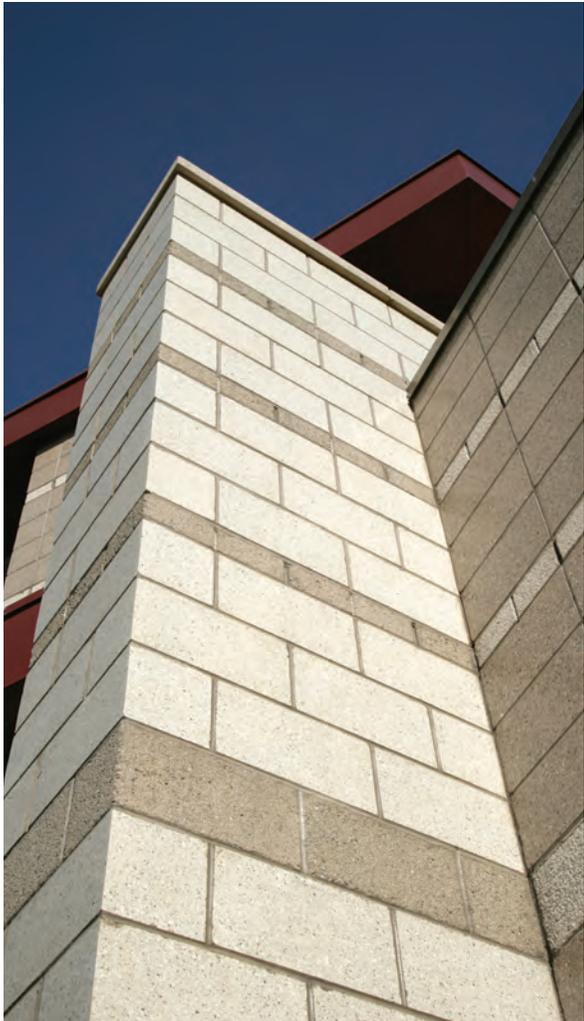
Trenwyth Verastone Plus® and Trendstone Plus® masonry units for an aesthetic upgrade and a terrazzo finish.

Visit our [Trenwyth Verastone Plus®](#) & [Trendstone Plus®](#) pages for product details and colors.

Change the aesthetics of your next project by adding Oldcastle's filled and polished or high polished option to your architectural block or CMU. This performance upgrade option allows you to maintain all the benefits of a pre-finished architectural concrete masonry unit—one step installation, maintenance-free and easy-to-clean—but with the look of a smooth terrazzo finish!

Features & Benefits

- Smooth terrazzo finish for an upscale aesthetic
- One step installation
- Low maintenance & easy to clean
- Available as an upgrade to a number of architectural blocks & concrete masonry units



All images shown are Filled, Polished or High Polished

InsulTech™

INSULATED CONCRETE MASONRY SYSTEM



Acoustic & Energy Efficient

100% Thermally broken insulated masonry system.



InsulTech™ ICMS is a complete thermally broken insulated masonry system which includes a full system of masonry units with a multitude of color and texture options for aesthetic needs. This complete masonry system offers high thermal efficiency in an innovative design combining a pre-assembled structural masonry unit, molded EPS insulation insert and thin veneer face. InsulTech provides design flexibility, installation efficiency and is available in both standard finishes, as well as Trenwyth® architectural block colors and textures.

Features & Benefits

- Installed as a complete assembly to improve installation efficiency
- BASF Neopor® EPS molded insulation inserts give assembled unit an effective R-value of 16.2 at 75°F
- Meets 2012 IECC Energy codes from Zones 1 through 7
- Internal stainless steel metal anchors molded into EPS inserts ensure safety connection to the back wall providing wind-load resistance and Fire Integrity™ for fire safety

InsulTech™ ICMS

Consists of a pre-assembled structural masonry unit, molded EPS insulation insert and thin veneer face with finished size of 12" x 8" x 16"

Closed End Stretcher Unit



Open End Stretcher Unit



Double Sash Unit



Half Sash Unit - Left/Right



Left Hand L-Corner Unit



Left Hand Corner Continuation Unit



Right Hand L-Corner Unit



Right Hand Corner Continuation Unit



16" Face With Profiled Insert For First Row and Bond Beam



Left Hand L-Corner Unit Face With Profiled Insert For First Row



Right Hand L-Corner Unit Face With Profiled Insert For First Row



Corner Block Unit Left/Right for First Row



InsulTech Foam Insert



Stretcher Unit for First Row



8" Bond Beam Unit



Horizontal Gasket



Pair InsulTech™ with Trenwyth® masonry & Architectural CMUs for a complete system solution.

InsulTech™ ICMS Structure

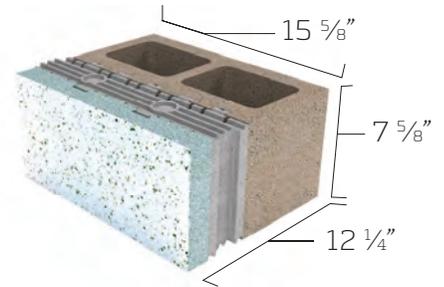
BASF Neopor® EPS molded insulation insert.



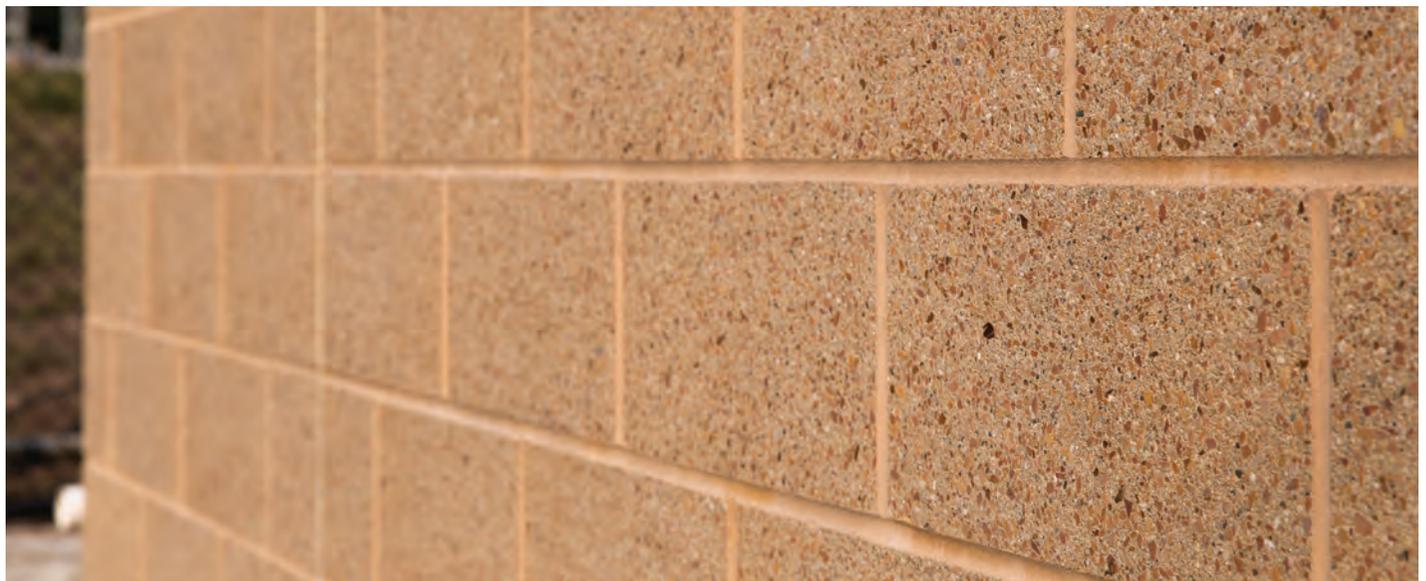
Stainless Steel Anchors for Fire Integrity™ & wind load protection



InsulTech™ Pre-Assembled Unit



Concrete Masonry Units



InsulTech™ Colors & Finishes

Mesastone®



Elmhurst



Butterfield



Bloomington



Belvedere

Trendstone®



Sand Stone



Shadow Gray



Coral

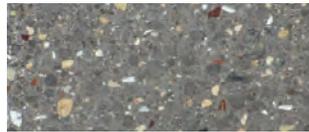


Elmhurst

Trendstone Plus®



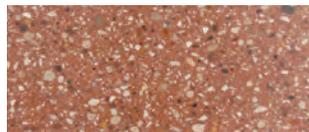
Midwest White



Ash Charcoal



Light Karmel



Rocky Road

Blended Colors



Coppertone



Boston Blend



Promenade Blend



Richfield Blend

InsulTech is a single block that allows for both interior and exterior color and texture choices.

*Additional colors available.

Note: All color samples are representative only.
For accurate color selection, ask your sales representative for samples.



Pair InsulTech™ with Trenwyth® masonry & Architectural CMUs for a complete system solution.

Monumental[®] CMU

PERFORMANCE UPGRADE OPTIONS



Aesthetics

Create a grand impression
on your next project.

Pair With:

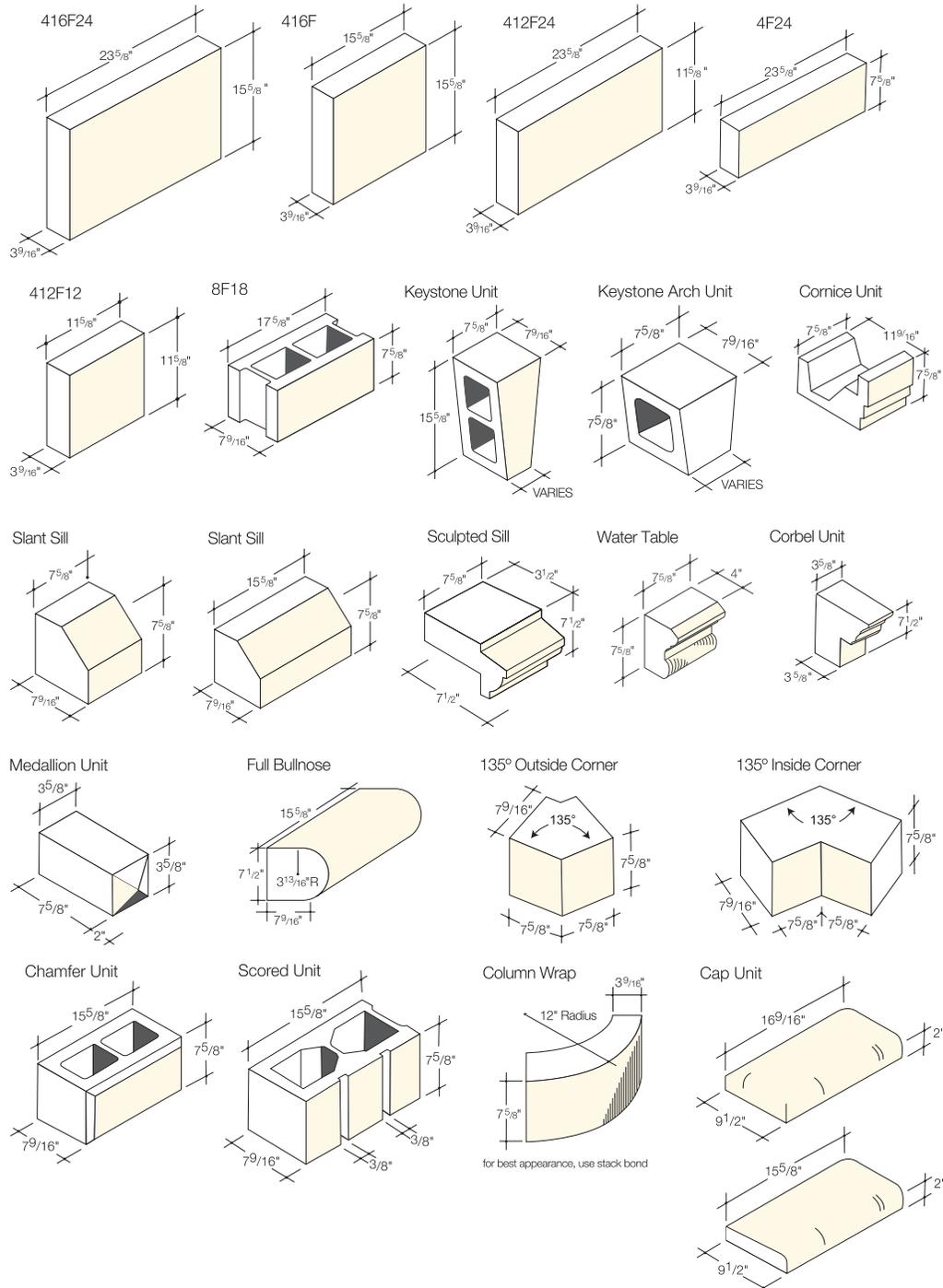
Trenwyth[®] Verastone[®], Verastone Plus[®],
Trendstone[®], Trendstone Plus[®] & Mesastone[®]

Upgrade the look of your next project with Monumental over-sized concrete masonry units available in Trenwyth[®] Verastone[®], Verastone Plus[®], Trendstone[®], Trendstone Plus[®], and Mesastone[®] finishes. These specialty sized concrete masonry units offer design flexibility to create large-scale walls, columns and arches of monumental proportions & unmatched aesthetics.

Features & Benefits

- Over sized CMUs for unique aesthetics
- Great for large-scale wall projects
- Durability
- Low maintenance & easy to clean
- One step installation

Monumental® Shapes & Sizes



Note: Not all sizes are shown in this brochure. Please consult your nearest manufacturing facility. Metric shapes & sizes are also available.
 *Specify left or right. (Right shown)

RainBloc® GP

ENHANCED PROCESS FOR MOISTURE MANAGEMENT



Moisture Management

Water repellent for both
CMUs & mortar.

Pair With:
Amerimix mortar &
Oldcastle® masonry.



RainBloc® GP is a patented technology that can be added to mortar or concrete masonry block during the blending phase, which hinders water from penetrating the structure. This specially engineered formula creates a moisture barrier that will last the life of the building.

Features & Benefits

- Water repellent process that has proven results
- Measurable content with guaranteed satisfaction
- Save time & money
- May be added to concrete masonry units or mortar

Side by Side Comparison



Untreated Mortar E514 wall after 72 hours.



RainBloc® GP treated E514 wall after 72 hours.

Technical Information

Water Repellant Mortars with RainBloc GP

RainBloc GP is proportioned correctly in every batch for maximum performance.

Exceeds water repellancy requirements of the "Upload Test" specified in ASTM C1384.

When used in conjunction with concrete masonry units manufactured with RainBloc, the National Concrete Masonry Association Rate this wall ensemble "E" for excellent using ASTM E 514.

Table 1

ASTM C1384-12a Requirements and Summary of Test Results for Type S Portland Cement and Lime Mortars

Physical Property	ASTM C270-10 Property Requirements	Water Repellant Admixture Requirements	Preblended Dry Portland Cement and Lime Mortar without IWR	Preblended Dry Portland Cement and Lime Mortar with RainBloc® GP IWR	Relative to Control
Rate of water absorption after 24 hours, g/100 cm ²	-	Maximum 50% of control	103.9	36.1	35%
7 day compressive strength, psi (MPa)	-	Minimum 80% of control	1,990 (13.7)	2,100 (14.5)	106%
28 day compressive strength, psi (MPa)	1,800 (12.4) Minimum	Minimum 80% of control	2,690 (18.5)	2,580 (17.8)	96%
Water Retention %	75 minimum	Report only*	78	80	103%
Air Content %	12 maximum	Report only*	10.3	9	87%
Board Life, min	-	Report only*	158	179	113%
Initial Time of Set Not More Than	-	1:00 hr. earlier than control nor 1:30 hr later than control	316 minutes	362 minutes	46 min later
Initial Time of Set Not More Than	-	1:00 hr earlier than control nor 1:30 later than control	479 minutes	530 minutes	51 min later
Average Flexural Bond Strength, psi (MPa)	-	None**	156 (1.08)	161 (1.11)	103%
Lower Characteristic Flexural Bond Strength, psi (MPa)	-	None**	124 (0.86)	123 (0.85)	99%
Soluble Chloride Content Contribution*** (at maximum dosage)	-	65 ppm maximum water-soluble chloride & 90 ppm maximum acid-soluble chloride	-	Less than 0.1 ppm for RainBloc® GP	-

* ASTM C1384-06a does not require or specify a maximum or minimum value for this mortar property, only that the measured difference relative to the control batch be reported.

** ASTM C1384-06a does not specify a requirement for flexural bond strength, nor require that it be measured or reported for a water repellant admixture.

*** Soluble chloride content determined through elemental chlorine analysis in admixture and calculated amount based on maximum dosage rate, rather than testing per the requirements of ASTM C1384-06a



Table 2

ASTM C1384-12a Requirements and Summary of Test Results for Type S Masonry Cement Mortars

Physical Property	ASTM C270-10 Property Requirements	Water Repellant Admixture Requirements	Preblended Dry Masonry Cement Mortar without IWR	Preblended Dry Masonry Cement Mortar with RainBloc® GP IWR	Deviation from Control
Rate of water absorption after 24 hours, g/100 cm ²	-	Maximum 50% of control	89.8	24.9	28%
7 day compressive strength, psi (MPa)	-	Minimum 80% of control	2,860 (19.7)	2,510 (17.3)	88%
28 day compressive strength, psi (MPa)	1800 (12.4) Minimum	Minimum 80% of control	4,010 (27.6)	3,680 (25.4)	92%
Water Retention %	75 minimum	Report only*	76	79	104%
Air Content %	18 maximum	Report only*	10.7	10.4	97%
Board Life, min	-	Report only*	117	174	149%
Initial Time of Set, At Least Not More Than	-	1:00 hr earlier than control nor 1:30 hr later than control	357 minutes	399 minutes	42 min later
Initial Time of Set, At Least Not More Than	-	1:00 hr earlier than control nor 1:30 later than control	526 minutes	569 minutes	43 min later
Average Flexural Bond Strength, psi (MPa)	-	None**	180 (1.24)	195 (1.34)	108%
Lower Characteristic Flexural Bond Strength, psi (MPa)	-	None**	133 (0.9)	151 (1.0)	114%
Soluble Chloride Content Contribution*** (at maximum dosage)	-	65 ppm maximum water-soluble chloride & 90 ppm maximum acid-soluble chloride	-	less than 0.1 ppm for RainBloc® GP	-

* ASTM C1384-06a does not require or specify a maximum or minimum value for this mortar property, only that the measured difference relative to the control batch be reported.

** ASTM C1384-06a does not specify a requirement for flexural bond strength, nor require that it be measured or reported for a water repellant admixture.

*** Soluble chloride content determined through elemental chlorine analysis in admixture and calculated amount based on maximum dosage rate, rather than testing per the requirements of ASTM C1384-06a





“ Taking the guesswork out of product mixes with preblended products. ”



06

Amerimix® Bagged Goods

Products

- Preblended Mortars
- Preblended Grouts
- Preblended Stuccos

Amerimix® has been producing high quality products for almost 20 years. What started as a regional Florida business has grown to become a national player in preblended, cementitious bagged materials. Our driving principal, to manufacture high-performing products that take the risk and guesswork out of jobsite mixing, is based on a process that combines formula development in our state-of-the-art laboratory with hands on feedback from masons on the job. This process combined with high quality raw materials and factory controlled blending guarantees top quality preblended products on every job.

Amerimix®

PREBLENDED MORTARS



Amerimix® Preblended Mortar

The choice is **CLEAR:**

- Consistency
- Labor reduction
- Enhanced productivity
- ASTM - pretested to ASTM specifications
- Reduce waste and risk to the contractor

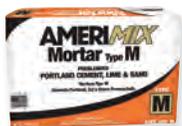
Performance Upgrade Option:
Water Repellant Admixture



Amerimix® mortars are engineered for load or non-load bearing construction and designed and tested to meet the proportioning and property specifications of ASTM C 270 Standard Specification for Mortar for Unit Masonry for portland/lime based mortars and ASTM C 91 Standard Specification for Masonry Cement. Amerimix mortars also meet the requirements of ASTM C 1714 Standard Specification for Preblended Dry Mortar Mix for Unit Masonry when preblended mortar is required to meet specifications, in lieu of job-site mixed mortars. Amerimix mortars are available in Type N, S and M, as well as specialized mortar mixes for applications that need water repellency or higher bond strengths where seismic activity is problematic, or mortars for historical restorations. All Amerimix preblended mortars can be custom colored to meet any design you need for your next project.

Features & Benefits

- Factory blended to ensure consistency and quality
- Provides greater yields, reduced labor costs and reduced jobsite trash as compared to field mixes
- Available in 80 lb bags, or 3,000 lb bulk bags for use with Amerimix silo delivery systems
- Custom colors to match, homogenize or contrast brick, block or stone
- Contribute to LEED points



Portland, Lime & Sand Mortar - AMX 400 Series

The AMX 400 Series is a factory blend of portland cement, hydrated lime and dried sand. The AMX 400 Series is specially formulated to provide high water retention, exceptional workability and superior bond strength. Available in types N, S and M.

Features

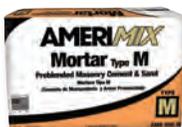
- Reduced labor costs and jobsite trash
- High bond strength
- Excellent workability
- Extended board life for less retempering in hot and windy climates

Uses

- Exterior or interior
- Above or below grade
(Type N for above grade only)
- Load bearing or non-load bearing construction
- Laying or resetting brick, block or stone

Specifications

- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 207 Standard Specification for Hydrated Lime for Masonry Purposes
- ASTM C 270 Standard Specification for Mortar for Unit Masonry
- ASTM C 1714 Standard Specification for Preblended Dry Mortar Mix for Unit Masonry
- ACI 530.1 Specification for Masonry Structures



Masonry Cement & Sand Mortar - AMX 500 Series

The AMX 500 Series is a factory blend of masonry cement and dried sand. The AMX 500 Series is specially formulated to provide high water retention, exceptional workability and superior bond. Available in Types N, S and M.

Features

- Reduced labor costs and jobsite trash
- High bond strength
- Excellent workability
- Extended board life for less retempering in hot and windy climates

Uses

- Exterior or interior
- Above or below grade
(Type N for above grade only)
- Load bearing or non-load bearing construction
- Laying or resetting brick, block or stone

Specifications

- ASTM 91 Standard Specification for Masonry Cement
- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 270 Standard Specification for Mortar for Unit Masonry
- ASTM C 1714 Standard Specification for Preblended Dry Mortar Mix for Unit Masonry
- ACI 530.1 Specification for Masonry Structures



Colored Mortar - AMX 405 & AMX 505

AMX 405 Colored Portland Cement and Lime Mortar and AMX 505 Colored Masonry Cement Mortar are factory blended with high quality iron oxide pigments that meet ASTM C 979 Standard Specifications for Pigments in Integrally Colored Concrete. These mortars offer long lasting color that integrate throughout the depth of the mortar joint. They are available in standard colors or custom colors to match your design team's creativity. Available in types N, S and M.

Features

- Custom formulated to match, compliment or contrast brick, block or stone
- Factory blended under controlled conditions for proper proportions and mix consistency
- High bond strength

Uses

- Interior or exterior applications
- Above and below grade
(Type N for above grade use only)
- Laying or resetting brick, block and stone

Specifications

- ASTM 91 Standard Specification for Masonry Cement
- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 207 Standard Specification for Hydrated Lime for Masonry Purposes
- ASTM C 270 Standard Specification for Mortar for Unit Masonry
- ASTM C 1714 Standard Specification for Preblended Dry Mortar Mix for Unit Masonry
- ACI 530.1 Specification for Masonry Structures



Water Repellant Mortars with RainBloc GP® - AMX 410 WRM & 510 WRM

Amerimix WRM with RainBloc GP is part of the total RainBloc® system. When used with concrete masonry units that contain RainBloc, it creates a wall system that has been proven in both the lab and on jobsites to inhibit water penetration, creating a superior moisture barrier. RainBloc GP is the only patented, mortar admixture that is traceable, detectable and measurable in hardened mortar. Available in portland cement and lime (AMX 410) & masonry cement (AMX 510).

Features

- RainBloc GP is proportioned correctly in every batch for maximum performance
- Exceeds water repellancy requirements of the "Upload Test" specified in ASTM C 1384
- When used in conjunction with concrete masonry units manufactured with RainBloc, the National Concrete Masonry Association Rated this wall ensemble "E" for excellent using ASTM E 514

Uses

- When a water repellent mortar is required in conjunction with water repellent masonry units
- Interior or exterior applications
- Above or below grade
- Laying or resetting brick, block and stone

Specifications

- ASTM 91 Standard Specification for Masonry Cement
- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 207 Standard Specification for Hydrated Lime for Masonry Purposes
- ASTM C 270 Standard Specification for Mortar for Unit Masonry
- ASTM C 1384 Standard Specification for Admixtures for Masonry Mortars
- ASTM C 1714 Standard Specification for Preblended Dry Mortar Mix for Unit Masonry
- ACI 530.1 Specification for Masonry Structures



Water Repellant Mortars - AMX 410 WRM & AMX 510 WRM

This formulation is designed for applications where a water repellent mortar is required in combination with water repellent masonry units. The water repellent is factory blended in exact proportions to ensure maximum water resistance. Available in portland cement and lime (AMX WRM 410) and masonry cement (AMX WRM 510)

Features

- Repellant agent is proportioned correctly in every batch
- Eliminates field addition of water repellent

Uses

- Where water repellent mortar is required in conjunction with water repellent masonry units

Specifications

- ASTM 91 Standard Specification for Masonry Cement
- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 207 Standard Specification for Hydrated Lime for Masonry Purposes
- ASTM C 270 Standard Specification for Mortar for Unit Masonry
- ASTM C 1384 Standard Specification for Admixtures for Masonry Mortars
- ASTM C 1714 Standard Specification for Preblended Dry Mortar Mix for Unit Masonry
- ACI 530.1 Specification for Masonry Structures



Stone Veneer Mortar - AMX 470

A high performance mortar designed to set and grout artificial stone on horizontal or vertical concrete or concrete masonry substrates.

Features

- Good bond and sheer resistance
- Increased yield compared to typical field mix mortars
- Available in gray and buff and can be custom colored to meet your needs

Uses

- Interior or exterior applications
- Above and below grade
- Bonding of artificial veneer brick or stone
- For bedding, setting and grouting
- For all masonry veneer work

Specifications

- ASTM 91 Standard Specification for Masonry Cement
- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 270 Standard Specification for Mortar for Unit Masonry
- ASTM C 1438 Standard Specification for Latex and Powder Polymer Modifiers for Use in Hydraulic Cement and Concrete Mortar
- ASTM C 1714 Standard Specification for Preblended Dry Mortar Mix for Unit Masonry



Polymer Modified Stone Veneer Mortar - AMX 475 PSV

A high performance, polymer modified mortar designed with superior bond strength and ability to grout artificial stone on horizontal and vertical surfaces to concrete or masonry substrates.

Features

- Added polymers enhance the bond between veneer and substrate
- Superior bond strength
- Good bond and shear resistance
- Available in gray or buff and can be custom colored to meet your needs

Uses

- Interior or exterior applications
- Above and below grade
- Bonding of artificial veneer brick or stone
- For all masonry veneer work

Specifications

- ASTM 91 Standard Specification for Masonry Cement
- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 207 Standard Specification for Hydrated Lime for Masonry Purposes
- ASTM C 270 Standard Specification for Mortar for Unit Masonry
- ASTM C 1438 Standard Specification for Latex and Powder Polymer Modifiers for Use in Hydraulic Cement and Concrete Mortar
- ASTM C 1714 Standard Specification for Preblended Dry Mortar Mix for Unit Masonry



Tuck Pointing Mortar - AMX 420

A factory blend formulation engineered to repair and restore masonry structures where a low strength, Type 0 mortar is required.

Features

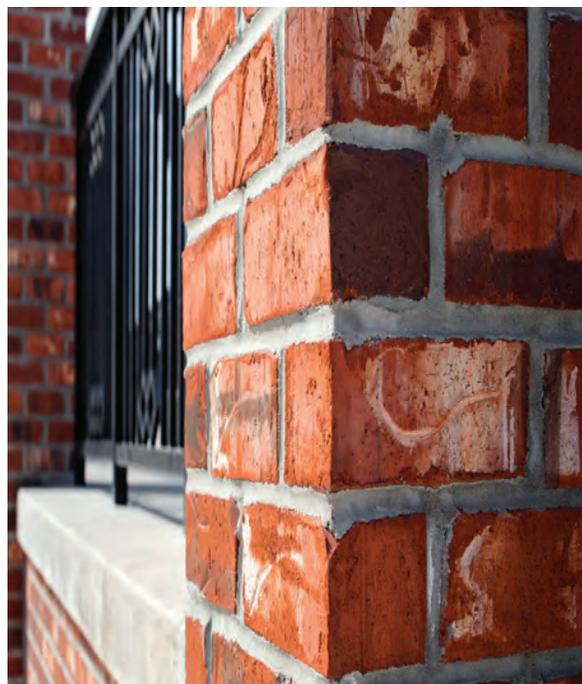
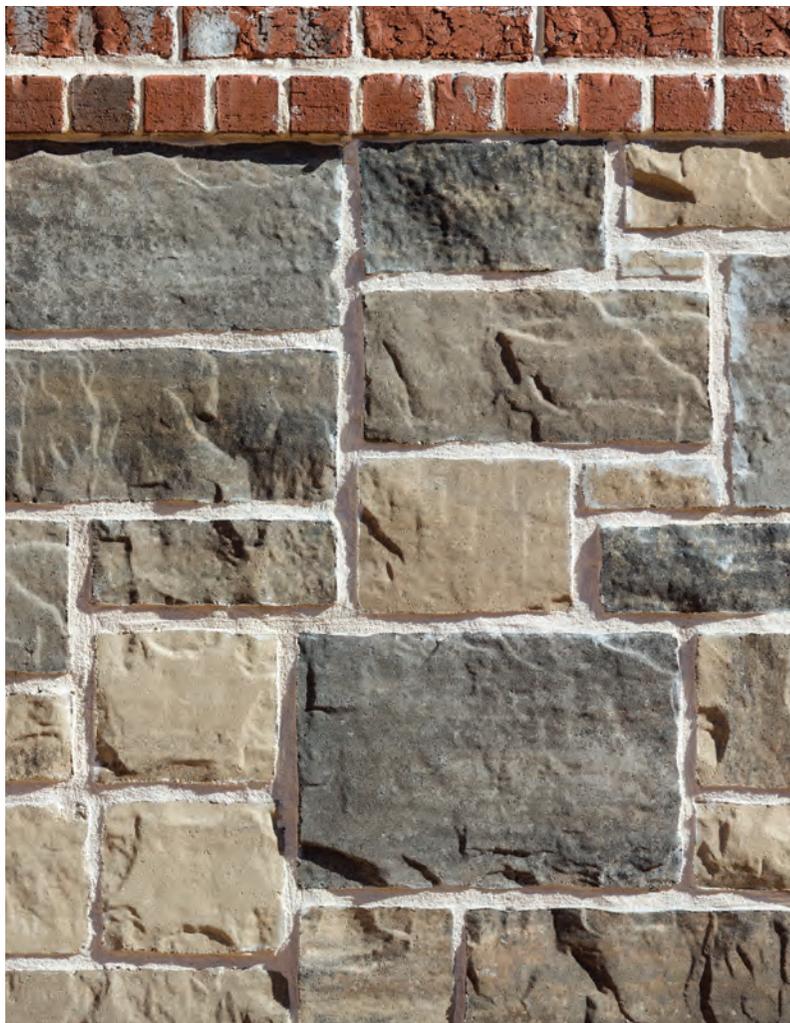
- High bond strength for lasting finish
- Can be custom pigmented to meet your needs

Uses

- Pointing mortar joints
- Restoring masonry construction
- For nonstructural repairs

Specifications

- ASTM 91 Standard Specification for Masonry Cement
- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 207 Standard Specification for Hydrated Lime for Masonry Purposes
- ASTM C 1714 Standard Specification for Preblended Dry Mortar Mix for Unit Masonry



All images shown use Amerimix Mortar

Amerimix®

PREBLENDED GROUTS



Amerimix® Preblended Grouts

The choice is **CLEAR**:

Consistency

Labor reduction

Enhanced productivity

ASTM - pretested to ASTM specifications

Reduce waste and risk to the contractor

Recommended for load-bearing masonry construction, Amerimix® Core Fill Grout is used for filling masonry blocks and providing vertical and horizontal reinforcing.

Features & Benefits

- Available in varying compressive strengths
- Available in coarse or fine aggregate
- Available in 80 lb bags, or 3,000 lb bulk bags for use with the Amerimix silo delivery systems
- Excellent flow to minimize consolidation



Core Fill Grout - AMX 600 Series

AMX 600 CG – Coarse Grout and AMX 600 FG – Fine Grout are factory blends of cementitious materials and dried aggregates. As a fluid cementitious material, these grouts are formulated for superior flow to fill masonry voids, to bond together adjacent masonry units and steel reinforcement in the cores of the masonry units and to bond beams and lintels to the masonry assembly.

Features

- Improves jobsite productivity by providing engineered product when and where it's needed
- Less waste, makes only the amount of grout needed for the application
- Superior flow
- Reduced segregation
- Pumpable
- Available in various compressive strengths

Uses

- Load bearing masonry construction
- Vertical and horizontal reinforcing
- Bond beams

Specifications

- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 1714 Standard Specification for Preblended Dry Mortar Mix for Unit Masonry
- ACI 530.1 Specification for Masonry Structures

Amerimix®

PREBLENDED STUCCOS



Amerimix® Preblended Stuccos

The choice is **CLEAR:**

Consistency

Labor reduction

Enhanced productivity

ASTM - pretested to ASTM specifications

Reduce waste and risk to the contractor



Amerimix® offers a wide range of stucco mixes that include an ICC approved base coat that may be used in conjunction with continuous foam insulation (CI) and fire rated wall systems. Our stuccos are preblended using strict quality control procedures for batch-to-batch consistency every time. Amerimix stuccos offer superior adhesion and reduced shrinkage for a beautiful, lasting finish. The Amerimix line of stucco products are engineered for use over a variety of substrates and projects requiring code compliant base coats and finishes, high volume pump applications and water resistant wall systems.

Features & Benefits

- Outstanding workability, enhances productivity
- Consistent proportioning, maximizing strengths and yields
- Eliminates sand piles, reducing costs and penalties associated with jobsite cleanup and storm water mitigation
- Available in 80 lb bags, or 3000 lb bulk bags for use with the Amerimix silo delivery systems



Scratch, Brown & Finish Stucco - AMX 700 SBF

Amerimix AMX 700 SBF Scratch, Brown & Finish Stucco is a portland based, factory blend of sand, cement and proprietary chemical additives. AMX 700 may be used for a variety of wall assemblies. The aggregates and mix design for AMX 700 are specifically formulated to meet the requirements of two and three coat applications over solid plaster bases (unit masonry, precast/cast-in-place concrete) per Table 4 of ASTM 926.

Features

- Outstanding workability for smooth spreading and a quality finish
- Extended mortar board life for less retempering in hot or windy climates
- Superior adhesion

Uses

- Interior or exterior applications
- Stucco scratch, brown and finish coats
- Two and three coat system applications
- Application over lath

Specifications

- ASTM C 91 Standard Specification for Masonry Cement
- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 207 Standard Specification for Hydrated Lime for Masonry Purposes
- ASTM C 926 Standard Specification for Application of Portland Based Plaster
- ASTM C 1328 Standard Specification for Plaster (Stucco) Cement



Premium Plus Stucco - AMX 715 PP

Amerimix AMX 715 PP is a portland based, factory blend of sand, cement and proprietary chemical additives. AMX 715 PP is a hand applied or pump grade cement plaster for all ASTM 926 cement plaster applications. It is specifically formulated to allow maximum flow for use with mechanical pumps without the addition of extra water - reducing the incidence of shrinkage cracks associated with pump mixes.

Features

- Retains more moisture during curing for reduced cracking and efflorescence and improved finishing
- Pumpable for high volume jobs
- High bondability and strength
- Repels more moisture than traditional stuccos when fully cured
- Cures harder than conventional stucco

Uses

- Ideal for high-volume applications or where water resistance is needed
- In applications where greater adhesion is needed
- For scratch, brown and finish coat work
- Anywhere conventional stucco is used

Specifications

- ASTM C 91 Standard Specification for Masonry Cement
- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 926 Standard Specification for Application of Portland Based Plaster
- ASTM C 1328 Standard Specification for Plaster (Stucco) Cement



Fiber Scratch & Brown Stucco - AMX 740 FSB

AMX 740 FSB is a factory blended, fibered, pump grade portland/lime cement plaster for conventional scratch and brown stucco applications. It is specifically formulated to allow maximum flow for use with mechanical pumps without the addition of extra water – reducing the incidence of shrinkage cracks associated with pump mixes.

Features

- Fire rated per IBC assemblies
- Higher flexural strength, greater impact resistance
- Scratch & brown over steel or wood framing

Uses

- Interior or exterior applications
- Scratch and brown stucco coats
- Can be used in residential, commercial, and institutional/government projects

Specifications

- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 207 Standard Specification for Hydrated Lime for Masonry Purposes
- ASTM C 926 Standard Specification for Application of Portland Based Plaster



Fiber Base Coat Stucco - AMX 750 FBC

AMX 750 FBC is a portland/lime cement plaster blended with pozzolan, durable synthetic fibers and proprietary chemical additives. It is designed to be used in general stucco and ICC rated systems. AMX 750 FBC is a one-hour rated assembly when built according to ICC instructions; and may be used for insulated and non-insulated one coat systems and conventional scratch and brown applications. It is ideal for one coat, two coat and three coat applications between 80°F to 120°F.

Features

- ICC approved for one hour rated fire assembly
- ICC listed portland/lime cement plaster
- 1" to 4" foam based insulation (CI) approved for AMX 750 assemblies
- Hot, dry, weather applications
- One hour fire rated per ASTM E 119

Uses

- For use as a one coat or two coat stucco
- Basecoat in a two coat process
- Fast track projects
- Where labor savings is desired

Specifications

- ICC ESR - 3529
- ASTM E 119 Standard Test Methods for Fire Tests of Building Construction and Materials
- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 207 Standard Specification for Hydrated Lime for Masonry
- ASTM C 926 Standard Specification for Application of Portland Based Plaster



Fiber Base Coat Concentrate Stucco - AMX 755 FBCC

AMX 755 FBCC is a factory blend of cement, pozzolan, durable synthetic fibers, and proprietary chemical additives. It is designed to be used in general stucco and ICC rated systems. AMX 755 FBCC is a one hour rated assembly when built according to ICC instructions – and may be used for insulated and non-insulated one coat systems and conventional scratch and brown applications.

Features

- Conforms to all requirements of ICC approval under report ESR-3529 for one coat stucco, including a one hour fire rating
- Higher water retention than standard mixes
- Reduced cracking and shrinkage

Uses

- One-coat stucco application
- Scratch and brown stucco assemblies
- Application over wood or steel framing, solid substrates, masonry, and continuous insulation

Specifications

- ICC ESR - 3529
- ASTM E 119 Standard Test Methods for Fire Tests of Building Construction and Materials
- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 207 Standard Specification for Hydrated Lime for Masonry
- ASTM C 926 Standard Specification for Application of Portland Based Plaster



Colored Stucco - AMX 775 C

Amerimix Colored Stucco - AMX 775 C is a colored, decorative, water resistant, portland/lime based stucco. It is factory blended to provide a uniform color finish. The pigments are finely milled and specially mixed to ensure proper dispersion throughout the batch. Amerimix offers 20 standard colors. Conforms to ASTM C 926. "Available in Eastern U.S. only"

Features

- Durable
- Water resistant
- Superior workability
- Factory blended for color consistency

Uses

- As a decorative finish coat over:
- Cement plaster
 - Masonry block
 - Precast concrete
 - Cast in place concrete

Specifications

- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 207 Standard Specification for Hydrated Lime for Masonry
- ASTM C 926 Standard Specification for Application of Portland Cement Based Plaster



Stucco Texture Finish - AMX 780 T

Amerimix Stucco Texture Finish AMX 780 T is a decorative, water resistant, portland-based topcoat for one, two or three coat stucco systems. AMX 780 T is factory blended to provide excellent workability and a variety of textured finishes that can be painted with coatings designed for high pH surfaces.

Features

- Paintable
- Durable
- Superior workability

Uses

- A decorative, portland cement top coat for one, two, or three coat stucco systems
- When used as the third coat in a conventional stucco system, AMX 780 T is an integral component of a number of fire-rated assemblies

Specifications

- ASTM C 91 Standard Specification for Masonry Cement
- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 207 Standard Specification for Hydrated Lime for Masonry
- ASTM C 926 Standard Specification for Application of Portland Cement Based Plaster
- ASTM C 1328 Standard Specification for Plaster (Stucco) Cement



Stucco Sand Finish - AMX 790 SSF

Amerimix Stucco Sand Texture Finish AMX 790 SSF is a decorative, portland-based topcoat for one, two or three coat stucco systems. AMX 790 SSF is a factory blend designed to provide a 'sand' or 'floated' finish that can be painted with coatings designed for high pH surfaces.

Features

- Paintable
- Factory mixed for consistent textures
- Durable
- Superior workability

Uses

- One-Coat stucco
- Scratch, brown and finish coats
- Precast concrete

Specifications

- ASTM C 91 Standard Specification for Masonry Cement
- ASTM C 150 Standard Specification for Portland Cement
- ASTM C 207 Standard Specification for Hydrated Lime for Masonry
- ASTM C 926 Standard Specification for Application of Portland Cement Based Plaster
- ASTM C 1328 Standard Specification for Plaster (Stucco) Cement



All images shown use Amerimix Stucco



“Setting the standard for landscape design and innovation in outdoor solutions since 1995.”



07

Belgard® Commercial Hardscapes

Products

- Moduline Series™
- AquaLine Series™
- Walls (SRW)

Belgard® Commercial is your source for complete system solutions, dedicated to providing innovative products and services for all your commercial hardscape needs. Hardscapes - interlocking pavers, segmental retaining wall and freestanding wall block - provide a number of advantages for site specific needs and solutions. Application diversity and flexibility allow them to be commercially competitive and even a superior option for areas of high pedestrian traffic, areas of high vehicular traffic and to increase and maximize a site's usable space. Permeable interlocking pavers are recognized by the US EPA as a Low Impact Development (LID) Best Management Practice (BMP) for controlling stormwater runoff on site.

Moduline Series™

BELGARD® COMMERCIAL HARDSCAPES



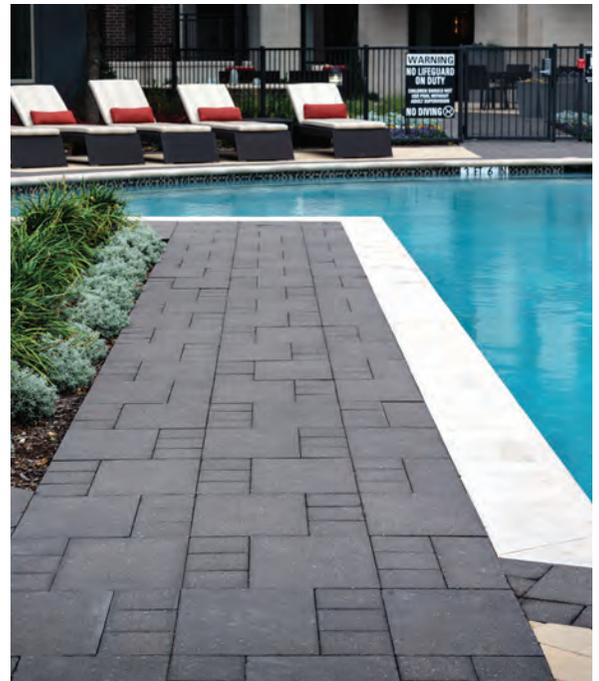
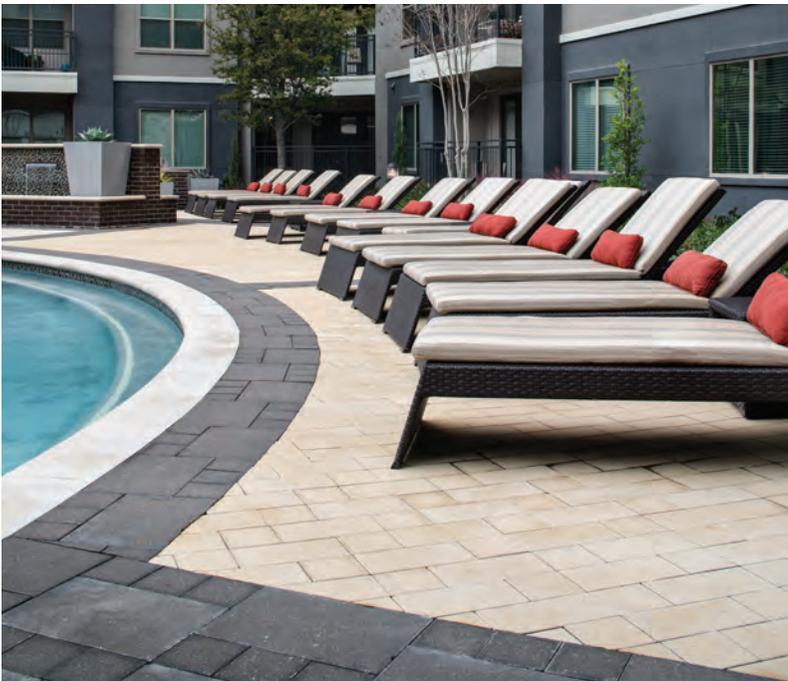
Moduline Series™

Providing ultimate in pattern versatility & durability

Belgard's Moduline & AquaLine Series were developed to create the ultimate in pattern versatility. All units are based on imperial 3-inch or 4-inch dimensional increments and have a raster that is exactly as specified.

Features & Benefits

- Expected lifespan of pavers is 40-50 years
- Fit together as intended
- Application diversity
- ADA compliant paver options
- Backed by Belgard's lifetime limited warranty



All images shown are Moduline Series™

AquaLine Series™

BELGARD® COMMERCIAL HARDSCAPES



AquaLine Series™

Permeable pavers recognized by US EPA as a low impact development BMP.



Belgard's Moduline & AquaLine Series were developed to create the ultimate in pattern versatility. All units are based on imperial 3-inch or 4-inch dimensional increments and have a raster that is exactly as specified. In addition AquaLine Series consist of permeable pavers which are recognized by the US EPA as a low impact development BMP.

Features & Benefits

- Expected lifespan of pavers is 40-50 years
- Fit together as intended
- Application diversity
- ADA compliant paver options
- Backed by Belgard's lifetime limited warranty

Benefits of AquaLine™ L-Stone Multi-Cobble

Strength

Manufactured to exceed the minimum standards specified in ASTM C936. Test results from an independent third party are available upon request.

Ecological Solutions

Engineered to infiltrate up to 140 inches per hour which greatly exceeds even the heaviest storms. Where water quality improvements are required, select aggregates can be used in the voids to optimize contaminant removal.

Economical

Permeable Pavement Systems serve as both the driving surface and stormwater management system, eliminating the need for traditional infrastructure, allowing more property to be used for revenue generation. Pavers have also been proven to last in excess of 50 years, greatly benefitting life cycle costs.

Low Maintenance

Maintenance is similar to what is commonly required for other pavement surfaces. If voids become plugged, aggregate and debris can be vacuum extracted and new aggregate material inserted, restoring the original infiltration rate.

Affordability

Packaged for mechanical installation, resulting in a cost effective installed price.

Comfort

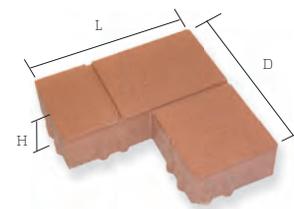
ADA compliant walking surface that is high-heel and pedestrian friendly. Causes low-vibration for strollers, bikes, shopping carts and wheelchairs.

LEED Points

Can contribute to credits for stormwater quality and quantity, recycled materials, heat island effect, and innovation in design, among others.

L-Stone Shape & Sizes

Multi-Cobble



Depth (D)	Height (H)	Length (L)
12"	3 1/8" or 80mm	12"

Segmental Retaining Walls

BELGARD® COMMERCIAL HARDSCAPES



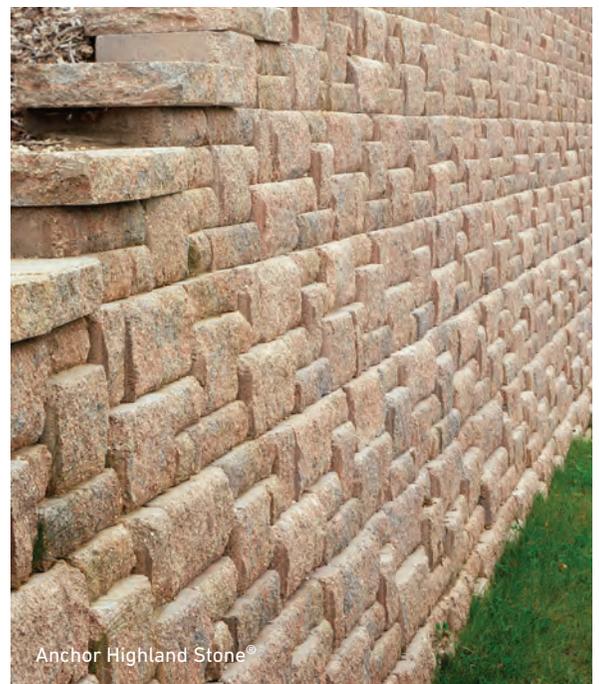
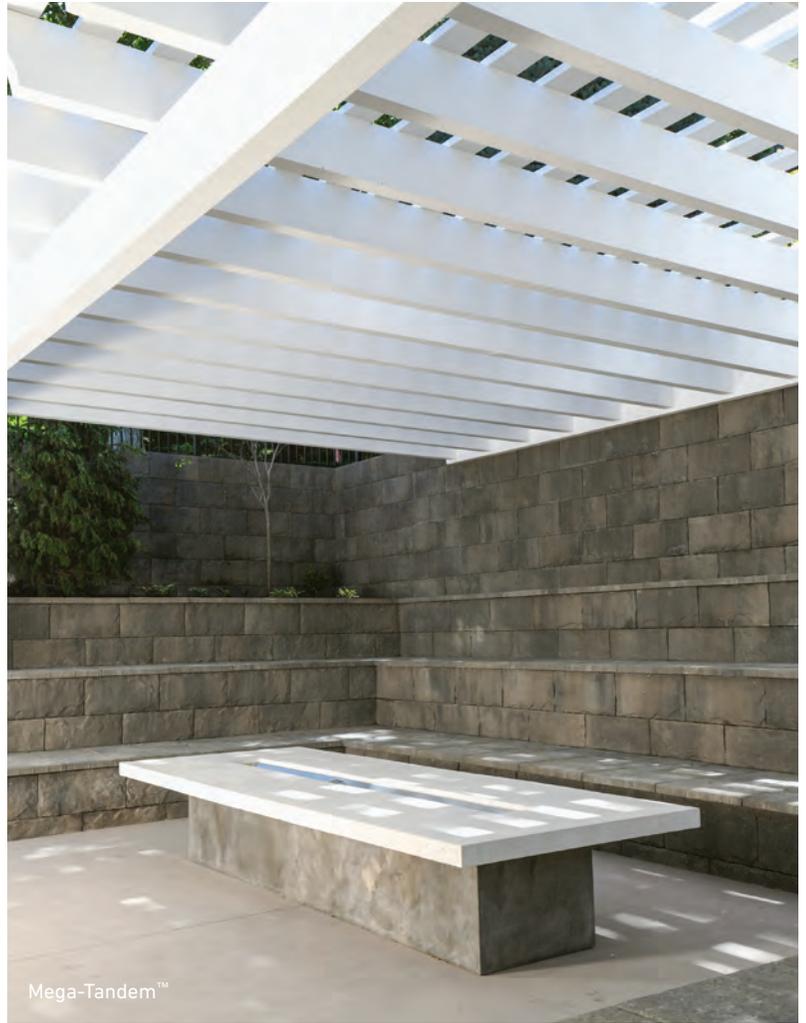
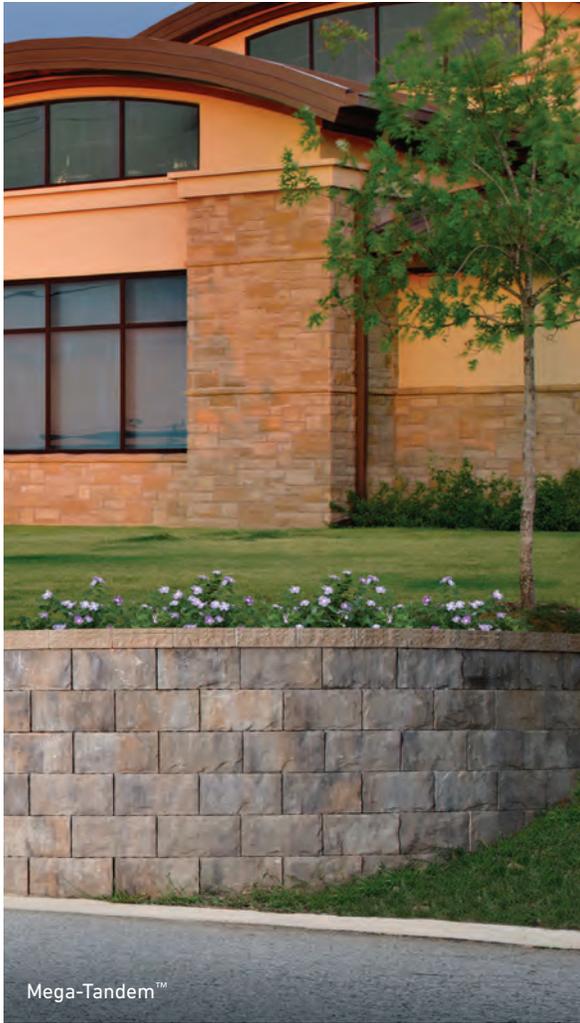
Segmental Retaining Wall (SRW)

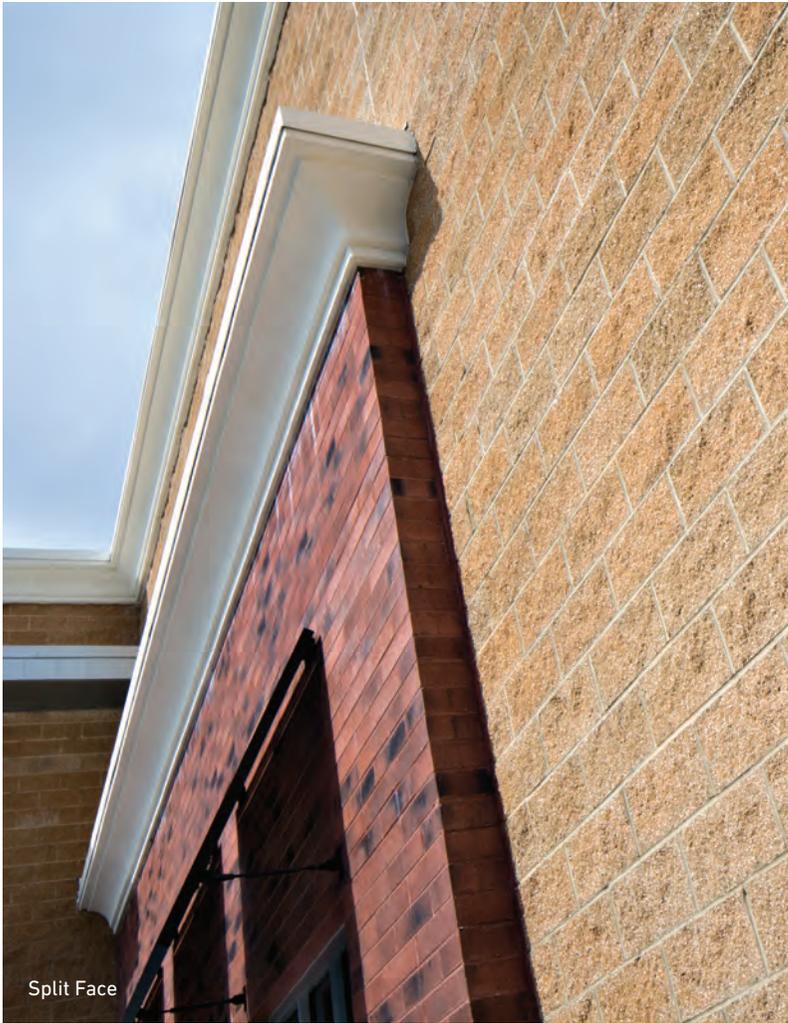
Providing site solutions to maximize land development.

Belgard offers technical expertise and segmental retaining wall (SRW) products to meet the site challenges of projects that range from light commercial to heavy vehicular load applications. From decorative walls to geogrid reinforcement, Belgard offers a variety of SRW options.

Features & Benefits

- Site solutions
- Maximize land development
- Freestanding as well as SRW options
- Aesthetically pleasing
- Backed by Belgard's lifetime limited warranty







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Suite 200, Tampa, FL 33614
Ph: 813.367.9780 | Fx: 813.367.9787
EchelonMasonry.com

LOCAL LISTINGS

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2902 Warehouse Road, Ft. Myers, FL 33916
Ph: 239.334.8022 | Fx: 239.334.0870

Pompano Beach, FL -Masonry/Hardscapes
1590 N Andrews Ave EXT, Pompano Beach, FL 33069
Ph: 954.972.7400 | Fx: 954.972.7433

Gainesville, FL -Masonry
3302 NE 2nd Street, Gainesville, FL 32609
Ph: 352.377.1699 | Fx: 352.377.2604

Sarasota, FL -Masonry/Hardscapes
2200 12th Street, Sarasota, FL 34237
Ph: 941.957.3933 | Fx: 941.366.1343

Jacksonville, FL -Masonry/Hardscapes
5959 Soutel Drive, Jacksonville, FL 32219
Ph: 904.713.9996 | Fx: 904.713.9985

Tampa, FL -Masonry
5603 Anderson Road, Tampa, FL 33614
Ph: 813.886.7761 | Fx: 813.890.0904

Longwood, FL -Masonry
325 North Street, Longwood, FL 32750
Ph: 407.831.1050 | Fx: 407.331.6150

Tampa, FL -Hardscapes
8910 N 12th Street, Tampa, FL 33604
Ph: 800.356.7283 | Fx: 813.933.4914

D E S I G N G U I D E



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EchelonMasonry.com

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