

DESIGN GUIDE

## ZEPHYRHILLS CITY·HALL



## **WHY ECHELON?**

For generations, Oldcastle<sup>®</sup> APG has been North America's leading manufacturer of building products and materials, well-established as an industry leader dedicated to being a true partner from project concept to completion and beyond. Echelon Masonry is a consolidation of our many masonry products, services and industry knowledge into a single brand, providing a singular go-to source for high-performance products and reliable expertise.

## INDUSTRY INNOVATORS

Echelon Masonry<sup>®</sup> 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. 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 and lightweight veneers, and high-performance wall systems.

Trendstone in Alamo (Gainesville, FL)





## NATIONAL PRESENCE

With over 50 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 technologies, premium architectural building products, committed service and on-time deliveries. Regionalized operation allows us to be a dedicated and responsive partner to find the right solution for any project challenge.





## COST EFFICIENCY

\$

ENERGY Echelon's patented Insultech System delivers R-16.2 performance, exceeding energy code requirements.

## RESILIENCY

DESIGN

Annually, non-masonry structures under construction experience up to \$157M in fire damage. Specifying masonry construction can help prevent these losses.



No other material can replicate the masonry aesthetic or provide as much design flexibility in colors, textures and finishes.



## WHY **MASONRY?**

Get more inspiration on how you can bring your next Echelon project to life.

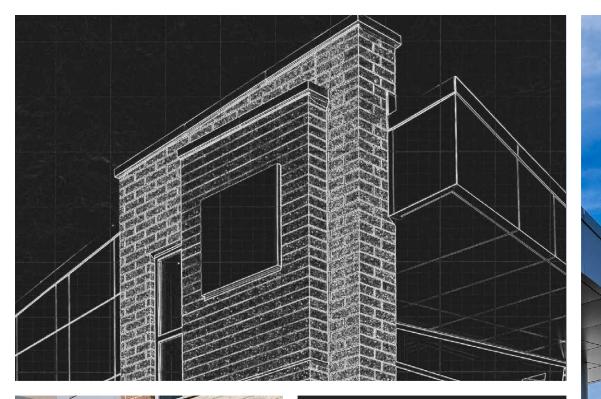
EchelonMasonry.com



## SUSTAINABILITY

Echelon Masonry is manufactured locally allowing you to achieve LEED credits for MRc2.

Upfront construction costs don't tell the whole story. When all factors are taken into account, masonry is 5.6% more economical than building with wood.



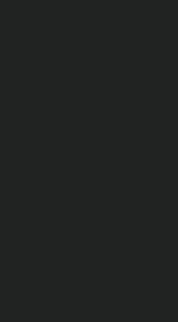


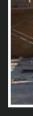


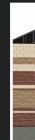
## REALIZING YOUR **DESIGN INTENT**

Take your project from concept to completion.













## **EXPERT SUPPORT**

Echelon's team of industry experts are by your side to answer questions and provide job-specific solutions from project concept to completion.



## **ON-SITE TRAINING AND CEUs**

We're glad to provide on-site training for complex projects and continuing education to make sure you're up-to-date on topics relevant to your work.



## **MASONRY MODELING**

In partnership with Masonry IQ, Echelon provides free access to an advanced Revit plugin tool giving you the ability to model faster, estimate earlier and take advantage of all the benefits of masonry you've been missing.



## **FINISH THE JOB**

Complete the job with Amerimix pre-blended mortar, designed to work with Echelon Masonry to deliver superior results.





## ARTISAN MASONRY VENEER LIGHTWEIGHT VENEER

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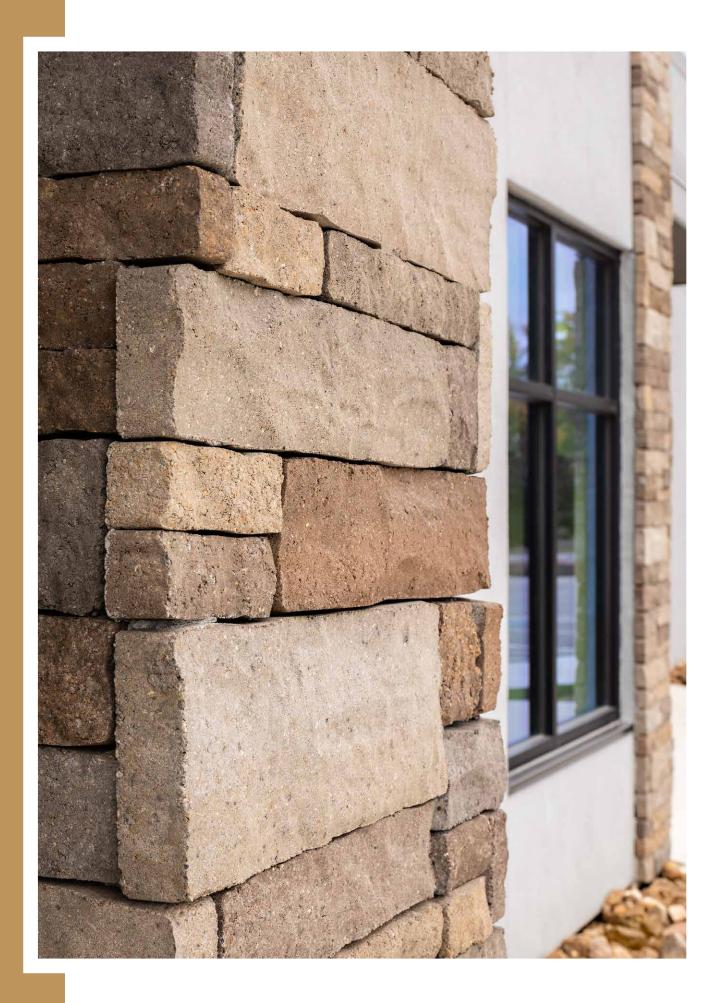
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## ARTISAN MASONRY VENEER

## LIGHTWEIGHT VENEER



## HILLCREST STONE

## Beautifully emulates the look of natural stacked stone

Hillcrest Stone Thin Veneer features integral color throughout each unit and a tight dimensional tolerance that reduces installation time. Lightweight, with finished ends and the look of dry-stacked quarried stone, this architectural stone masonry maximizes aesthetics and performance while minimizing cost.



Timber





## ECHELON MASONRY DESIGN GUIDE 15

## **COLOR OPTIONS**





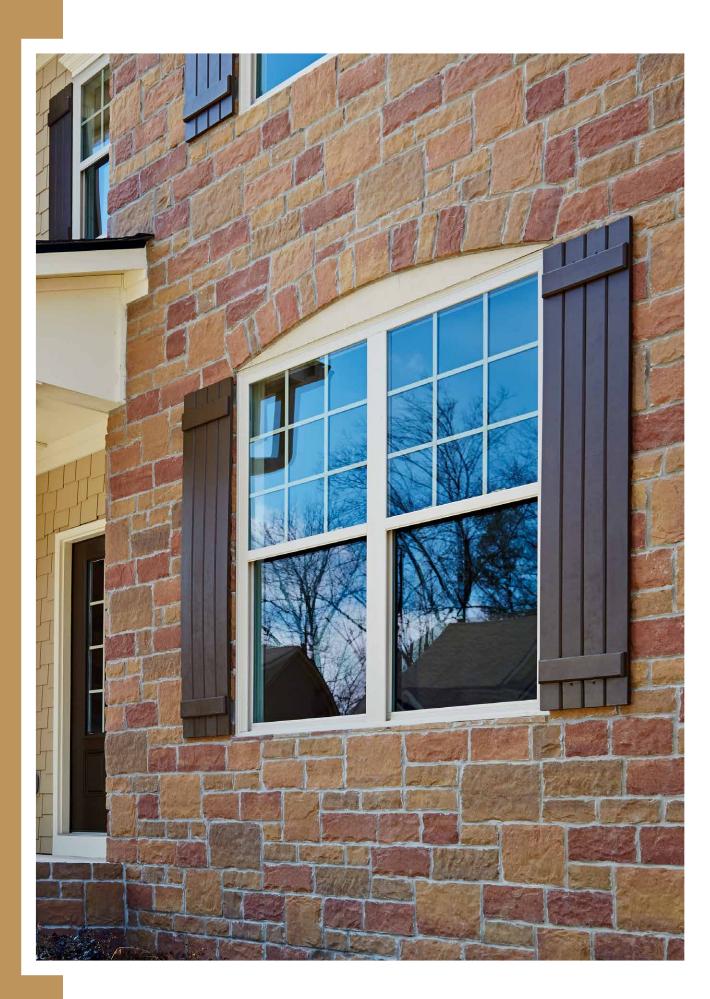
## Avondale



Alpine



## ADDITIONAL COLORS AVAILABLE





Kensley Stone Thin Veneer features a traditional ashlar pattern, a chiseled finish, a 3/8" mortar joint, and integral color throughout each unit. Each architectural stone unit has finished ends to eliminate the need for corner units. Kensley Stone reflects the timeless aesthetics of chiseled limestone and offers an upscale look while minimizing installation time and cost.



Cabernet





## **KENSLEY<sup>™</sup> STONE**

## The elegant look of chiseled stone

## COLOR OPTIONS





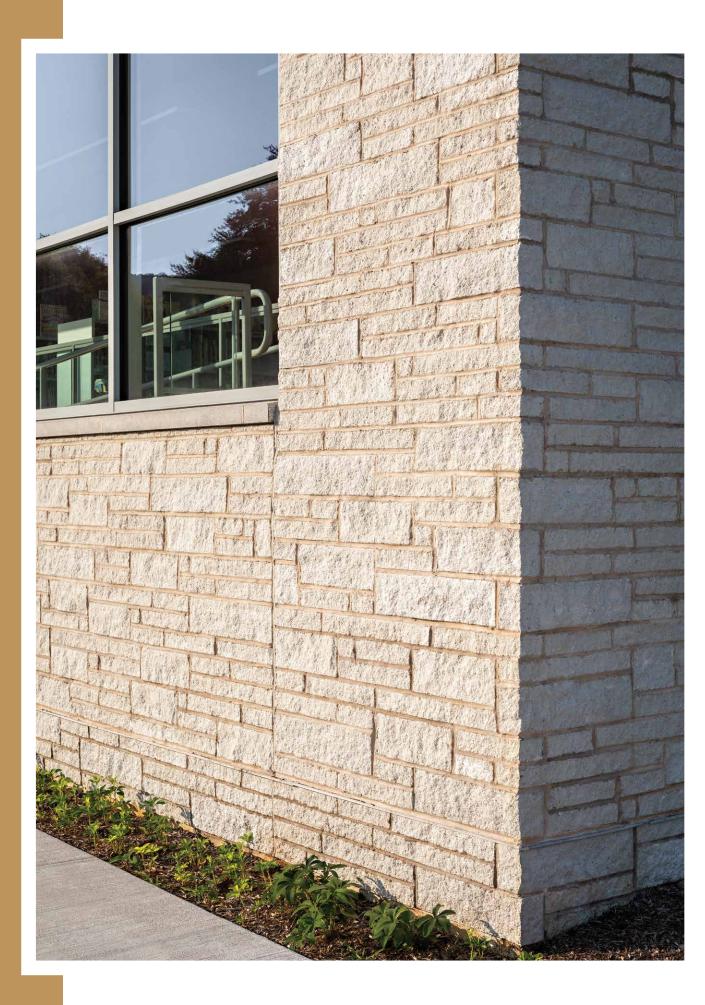
Dogwood



Wheat



## ADDITIONAL COLORS AVAILABLE



## CORDOVA STONE

## The sophistication of hand-cut natural stone

Cordova Stone<sup>™</sup> is a high-density, pre-finished architectural stone cladding that achieves the prestigious look of natural limestone by incorporating all-natural aggregates, recycled content, and integral color throughout each unit. This timeless veneer offers the design flexibility of four texture options and is also available in full-depth options. **See page 30**.

Ground Face

Chisel







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## COLOR OPTIONS

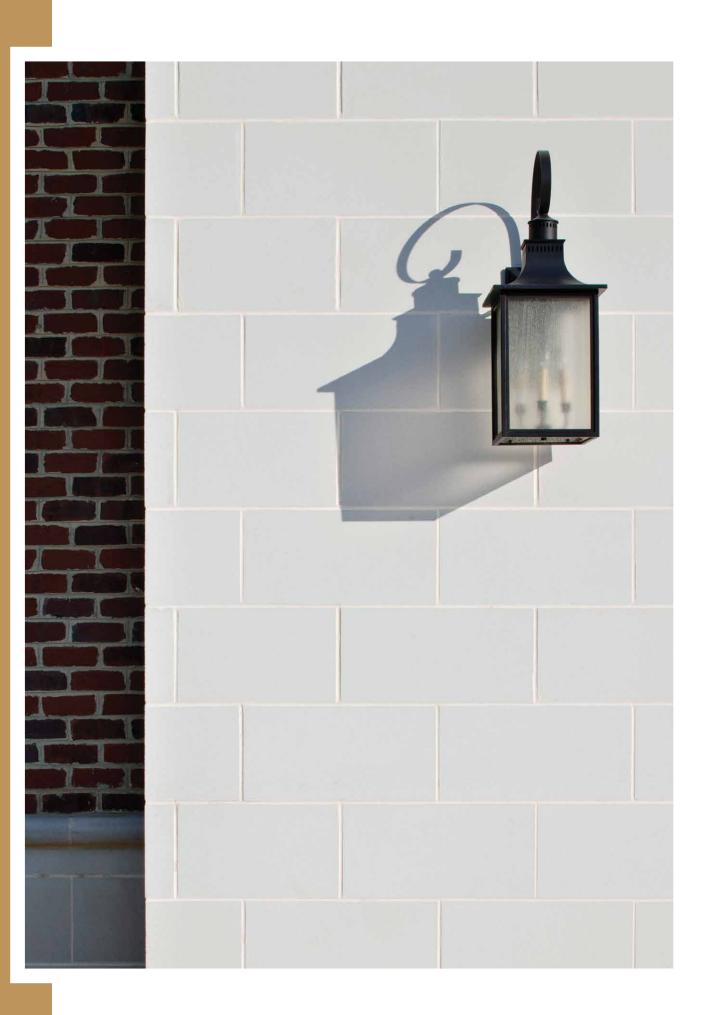
Buff

Granite

Midnight



## ADDITIONAL COLORS & TEXTURES AVAILABLE



## **FRANKLIN STONE**

## Timeless elegance reminiscent of natural limestone

Made from a mixture of white Portland cement combined with fine aggregates and integral color throughout each unit, Franklin Stone Veneer achieves a highly dense finish texture that beautifully emulates natural limestone. This architectural stone veneer is available in smooth, rock or chiseled face and is also available in full-depth options. See page 32.

**COLOR OPTIONS** 

Smooth Face



Rock Face





Senate Sage

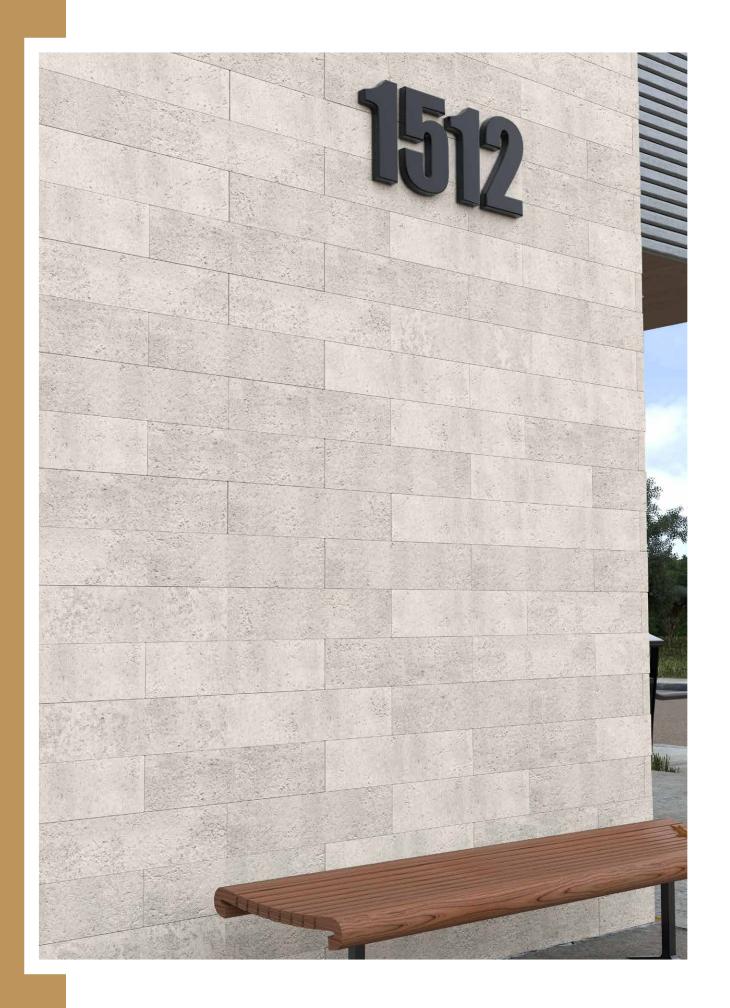


## Liberty Gray

Congress Tan

Monument White

## ADDITIONAL COLORS & TEXTURES AVAILABLE



The modern lines of Trava feature the distinctive face texture of natural travertine and is ideal for both interior or exterior applications. With finished edges that eliminate the need for corner units and integral color and water repellant throughout each unit, its sleek linear profile can be used alone or mixed with other materials to achieve a unique contemporary look.



Ash



## **TRAVA**<sup>™</sup>

## Distinctive travertine aesthetic with linear appeal

## COLOR OPTIONS



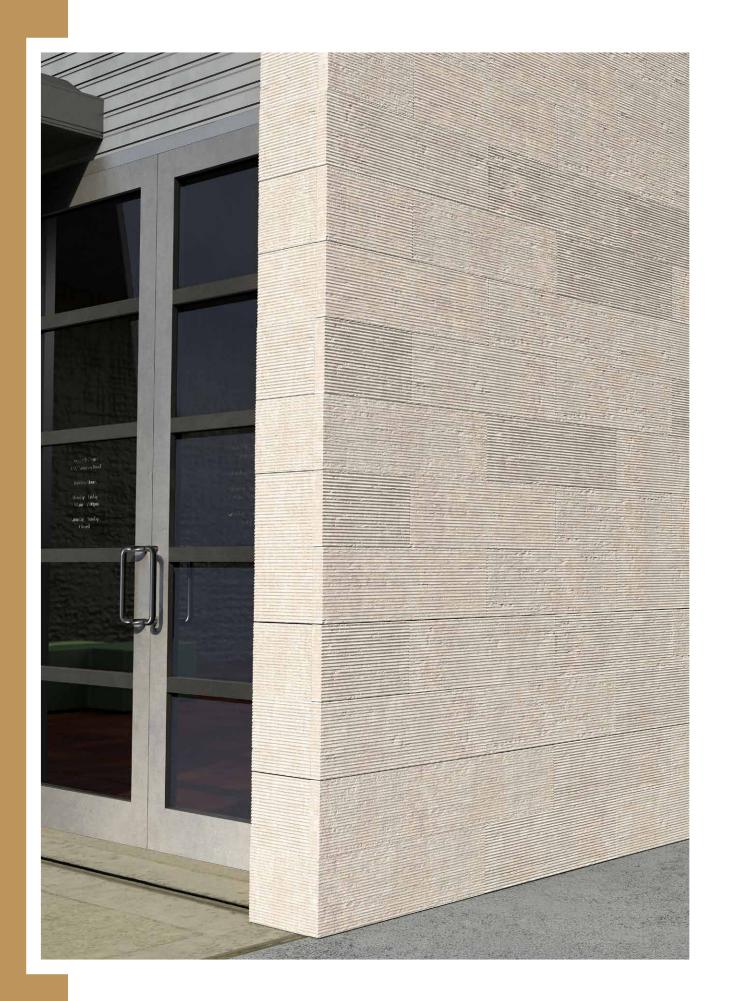


Carbon

Canvas



## ADDITIONAL COLORS AVAILABLE



Statica offers the look of hand-tooled striations and delivers distinctive horizontal shadows that change with the light. The ultra-modern design of this architectural veneer features integral color and water repellant, textured ends for corner applications, and long clean sight lines. The touchable texture creates an eye-catching look when used alone or as part of a mixed material design.



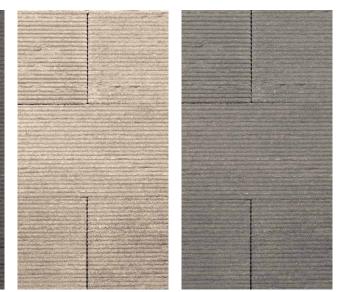
Carbon



## **STRATICA**<sup>™</sup>

## Unique striated face that catches the light and the eye

## COLOR OPTIONS

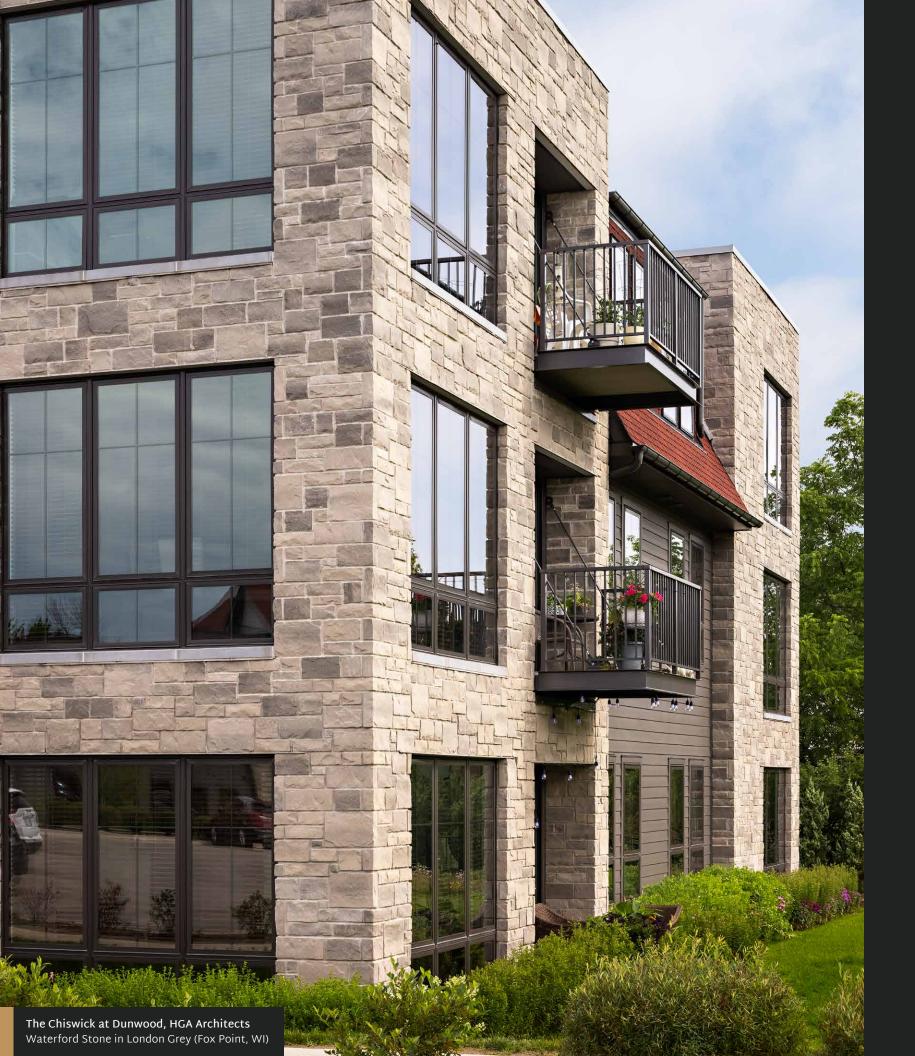


Canvas

Ash



## ADDITIONAL COLORS AVAILABLE

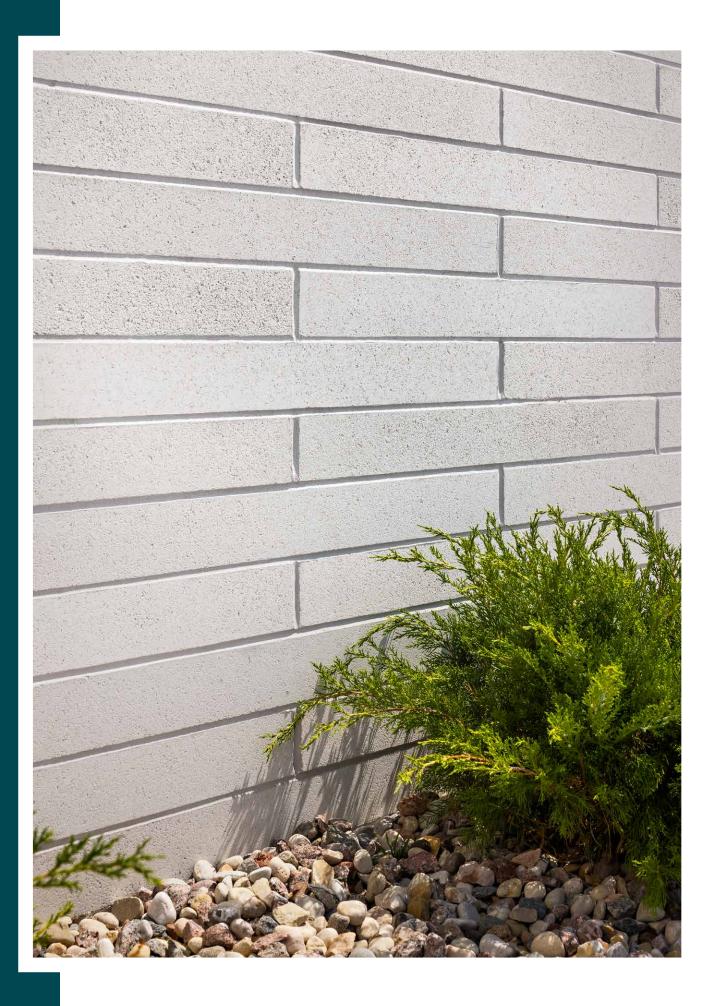




## FULL DEPTH VENEER

ARTISAN MASONRY VENEER

## ARIA SLIM



The simplicity and integrity of concrete takes center stage in the contemporary lines of Aria Slim. Its avant-garde and minimalist design offers a modern touch to any architectural project, features integral color throughout each unit, and can be used to create stunning linear or modular patterns.

Smooth Face



Shot Blast



Alabaster





## ARIA SLIM<sup>®</sup>

## Contemporary elongated linear aesthetic



## COLOR OPTIONS

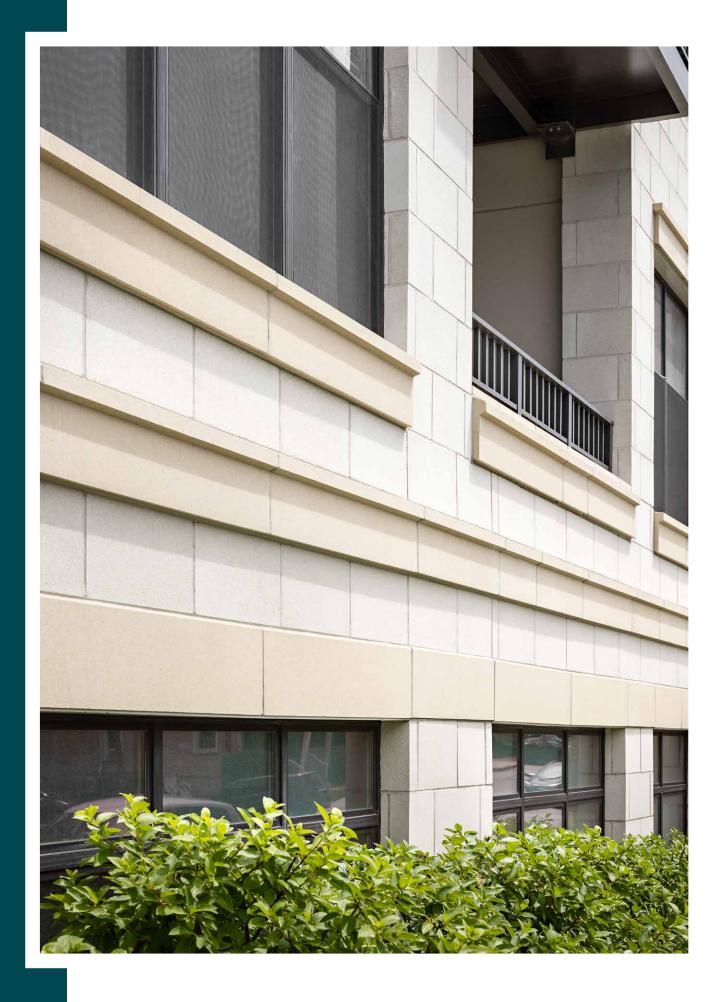
Buff

Graphite

Midnight

## ADDITIONAL COLORS AVAILABLE

# **CORDOVA STONE**



## **CORDOVA STONE**<sup>™</sup>

## The sophistication of hand-cut natural stone

Cordova Stone<sup>™</sup> is a high-density, pre-finished architectural stone cladding that achieves the prestigious look of natural limestone by incorporating all-natural aggregates, recycled content, and integral color throughout each unit. This timeless veneer offers the design flexibility of four texture options and is also available as a lightweight thin veneer. See page 18.

Ground Face





Chisel

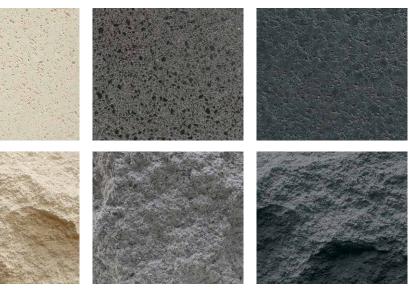


Alabaster





## ECHELON MASONRY DESIGN GUIDE 31



## **COLOR OPTIONS**

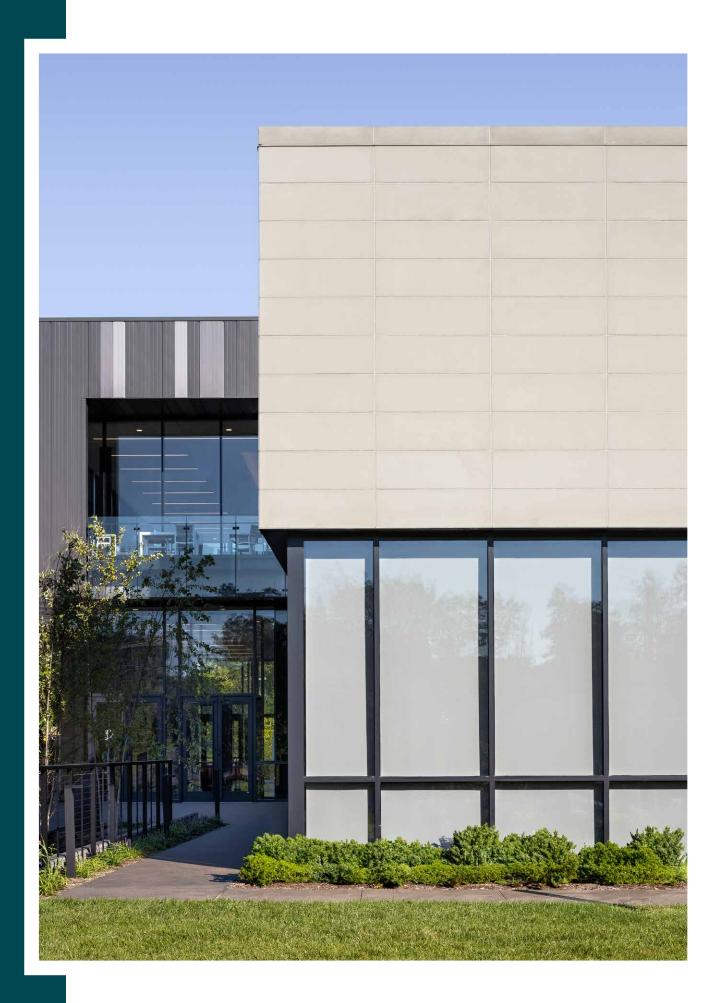
Buff

Granite

Midnight

## ADDITIONAL COLORS **& TEXTURES AVAILABLE**

# FRANKLIN STONE



## Timeless elegance reminiscent of natural limestone

Made from a mixture of white Portland cement combined with fine aggregates and integral color throughout each unit, Franklin Stone Veneer achieves a highly dense finish texture that beautifully emulates natural limestone. This architectural stone veneer is available in smooth, rock or chiseled face and is also available as a lightweight thin veneer. See page 20.

Smooth Face

> Rock Face





Senate Sage

Liberty Gray





## **FRANKLIN STONE**

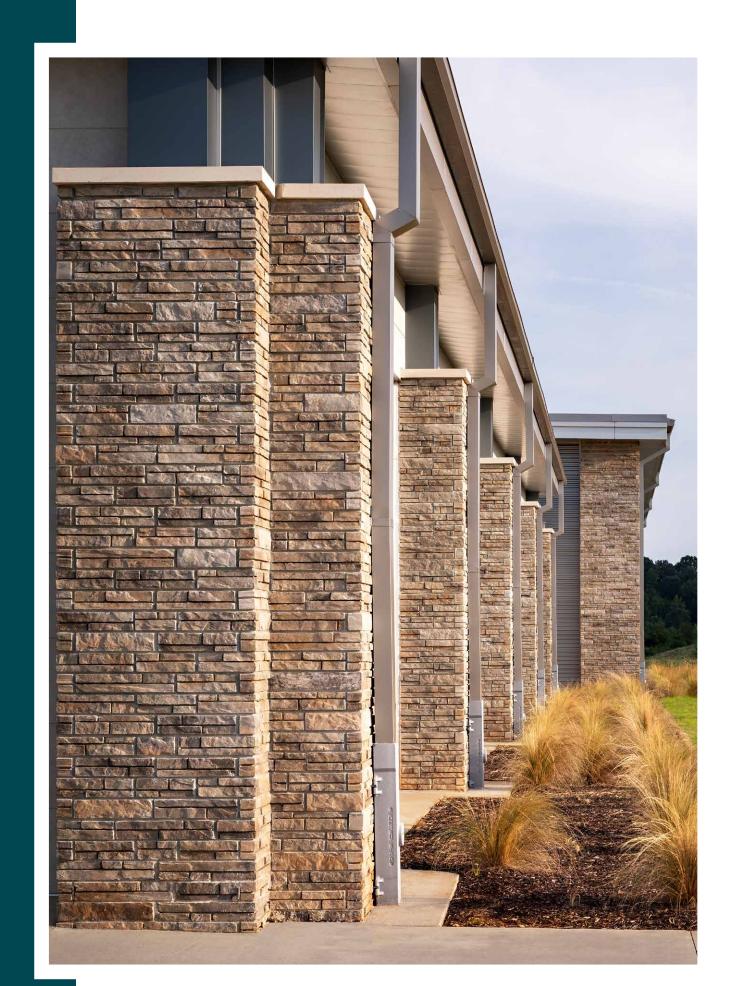
## **COLOR OPTIONS**



Congress Tan

Monument White

## ADDITIONAL COLORS & TEXTURES AVAILABLE



## A thin stacked stone aesthetic with endless installation flexibility

Lamina Stone lays in the same plane as conventional veneer masonry with no need to build a transition — it is the transition. This architectural stone veneer emulates a stacked stone appearance and features integral color and water repellant throughout each unit. Lamina makes a bold statement when used on the entire façade or can accentuate certain architectural elements, such as wall sections or skirting.



Ivory





## LAMINA<sup>®</sup> STONE

## **COLOR OPTIONS**

Avondale



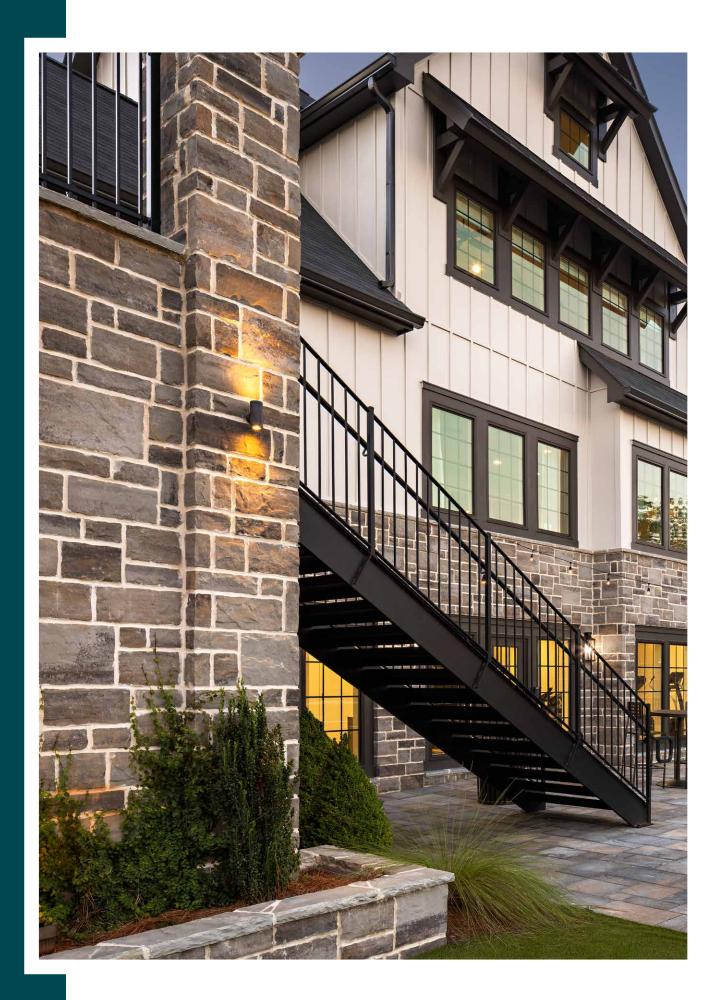
Pewter



Highlands



## ADDITIONAL COLORS AVAILABLE





## The time-honored look of hand-cut stone

Waterford Stone masonry veneers evoke the natural, time-honored look of hand-cut stone with antiqued edges, a dimensional face, authentic color blends, and water repellant integrated throughout each unit. Available in a wide range of sizes, including large format veneers up to 20 ½" in length, Waterford veneers grant unparalleled design flexibility, including the option of custom blends for truly unique designs.



Cottonwood







## ECHELON MASONRY DESIGN GUIDE 37

## WATERFORD STONE

## **COLOR OPTIONS**

Aspen



Avondale

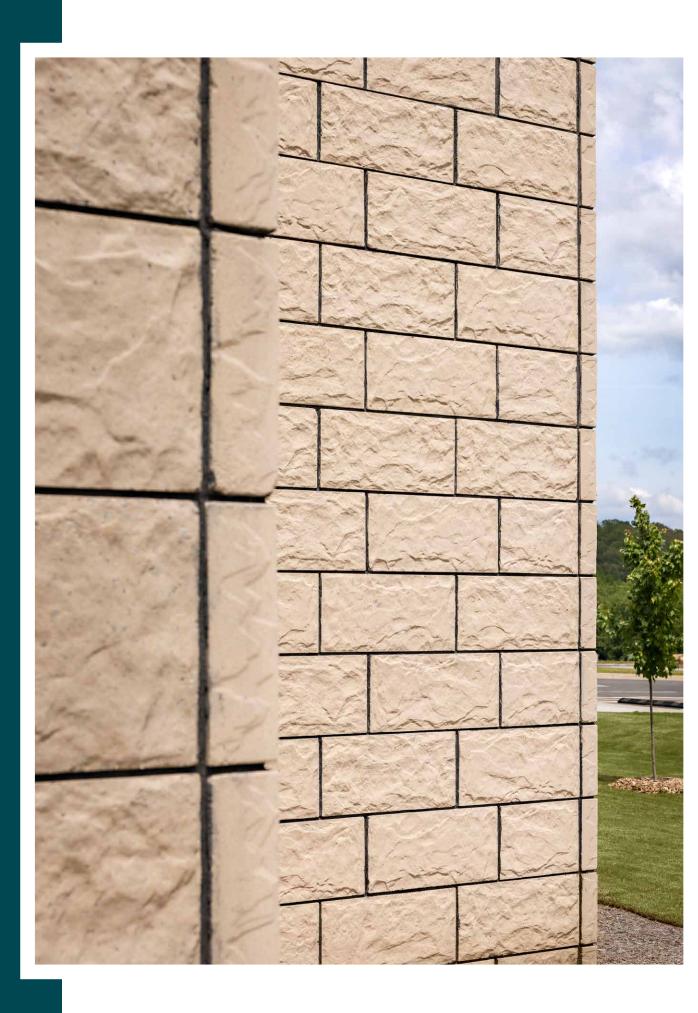


Pewter



## ADDITIONAL COLORS AVAILABLE

# **MONDRIAN STONE**



## MONDRIAN' STONE

## Gentle chiseled appearance with modular design flexibility

The suble chisled texture of Mondrian Stone adds prestige to any design and includes finished edges for corner applications. Featuring integral color throughout each unit, the slender form provides a modern look that can be installed in both linear and modular patterns or used as an accent with other materials. Also available in smooth face textures.





Pearl





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## COLOR OPTIONS



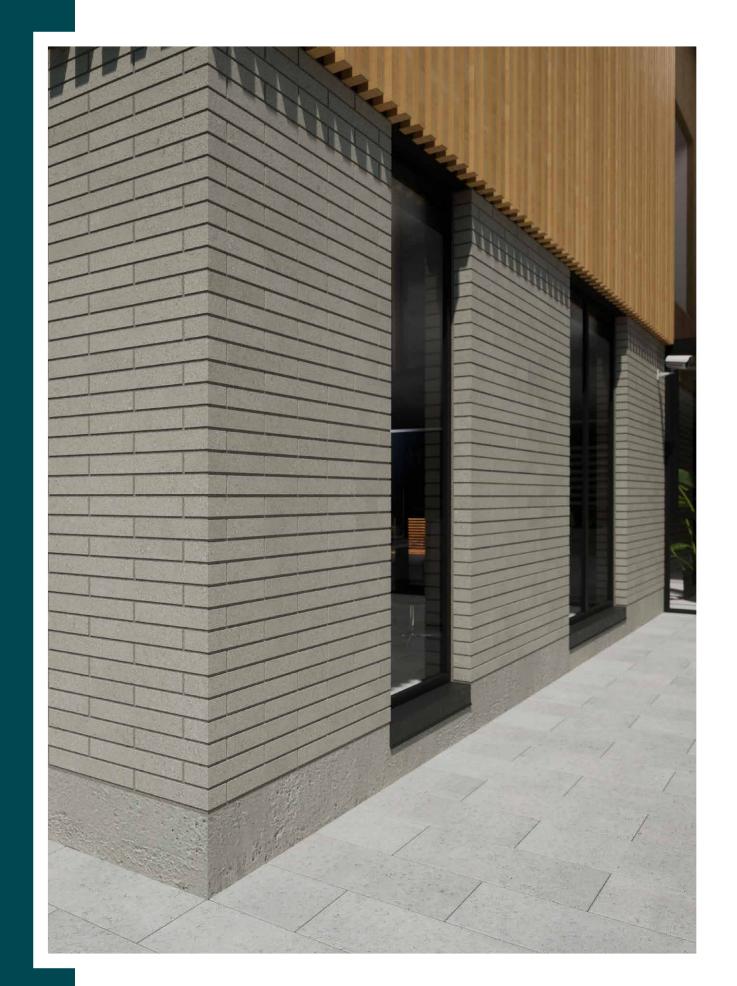






Pewter

## ADDITIONAL COLORS & TEXTURES AVAILABLE



The elongated shape of Allure creates a distinctive look that is on trend with contemporary design, while holding true to the timeless aesthetic of brick architecture. Allure's innovative design features integral color throughout each unit to provide stylish aesthetics and superior performance at a competitive price point.



Bourbon





## **ALLURE**<sup>™</sup>

## The next evolution of timeless design

## COLOR OPTIONS

Charcoal



Foundry



Alabaster



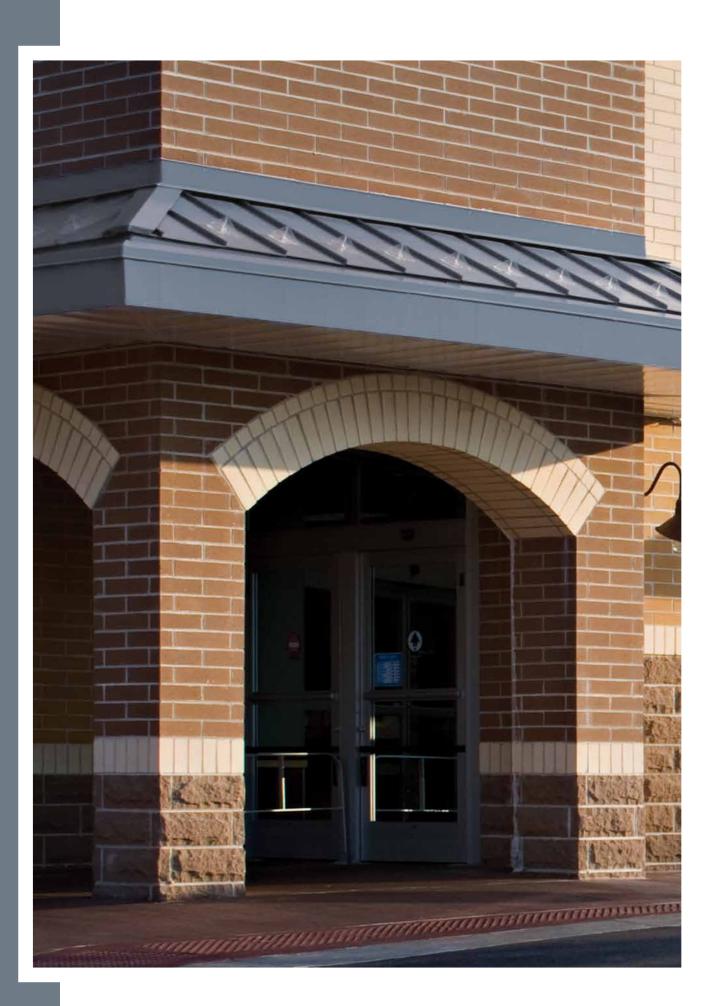
## ADDITIONAL COLORS AVAILABLE





## ARCHITECTURAL CMU

## STANDARD MASONRY



## HAND-CRAFTED

Our Hand-Crafted standard concrete masonry units are reminiscent of the rock-faced Richardsonian-Romanesque style of masonry which gained popularity in the late 1800's. The textured face allows sunlight and shadows to dance across the building façade to create a timeless architectural aesthetic that is still in demand today. Also available as a full depth veneer.





Locust



## ECHELON MASONRY DESIGN GUIDE 45

## The old-world charm of rough-hewn rock

## **COLOR OPTIONS**





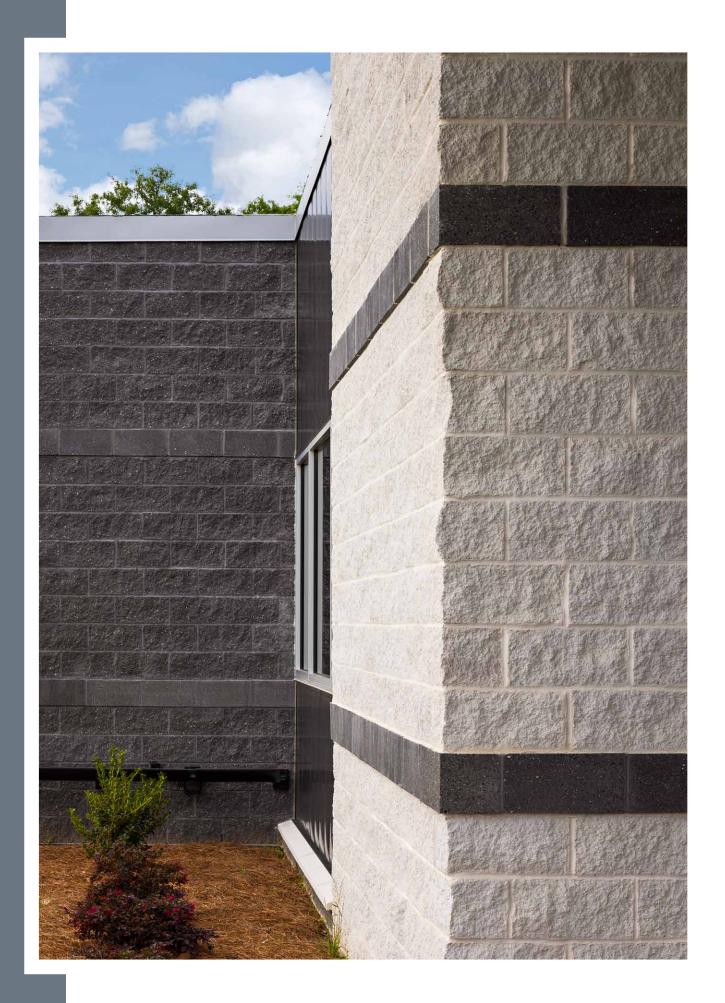
White



Ironwood



## ADDITIONAL COLORS AVAILABLE



Split Face concrete masonry units are molded with two concrete units attached face to face. The units are cured and then mechanically split apart, leaving the split face with a rough texture that emulates natural quarried stone and a distinctive appearance unique to every unit.







## ECHELON MASONRY DESIGN GUIDE 47

## **SPLIT FACE**

## Classic design that never goes out of style

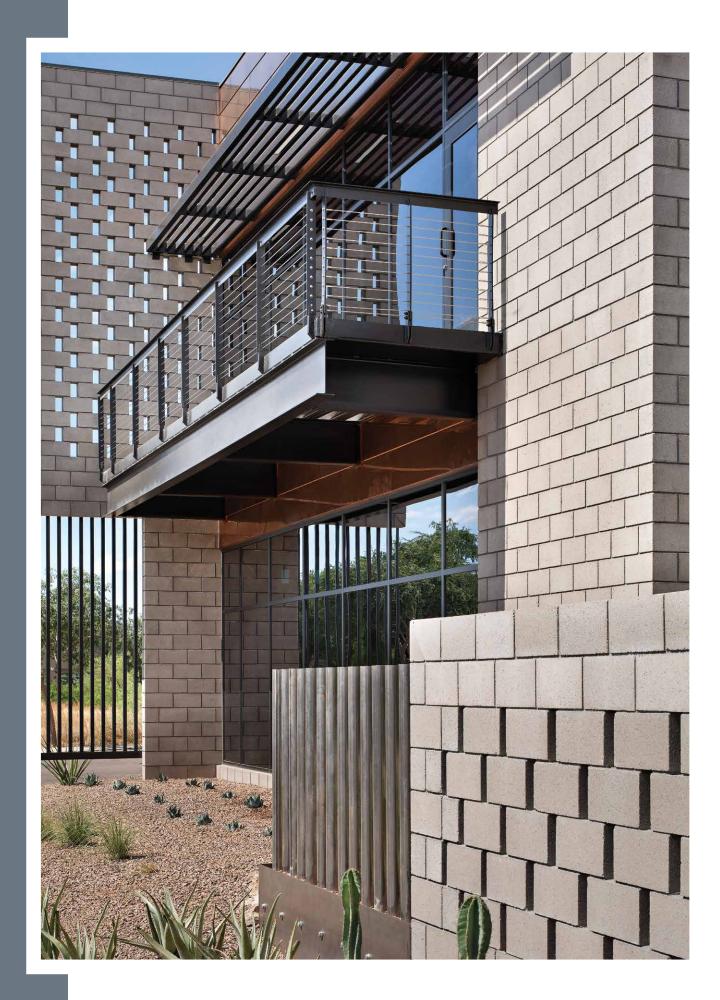
## COLOR OPTIONS

**Regional Color Offerings** 



## ADDITIONAL COLORS AVAILABLE





## A natural, unpretentious masonry aesthetic

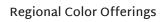
Smooth Face concrete units exhibit a natural finish without showing the aggregate. These architectural concrete units are available in a wide array of integrally colored hues. If desired, units can also include pre-consumer recycled content and integral water repellent admixture to repel moisture and resist mold. Also available as a full depth veneer.





## **SMOOTH FACE**

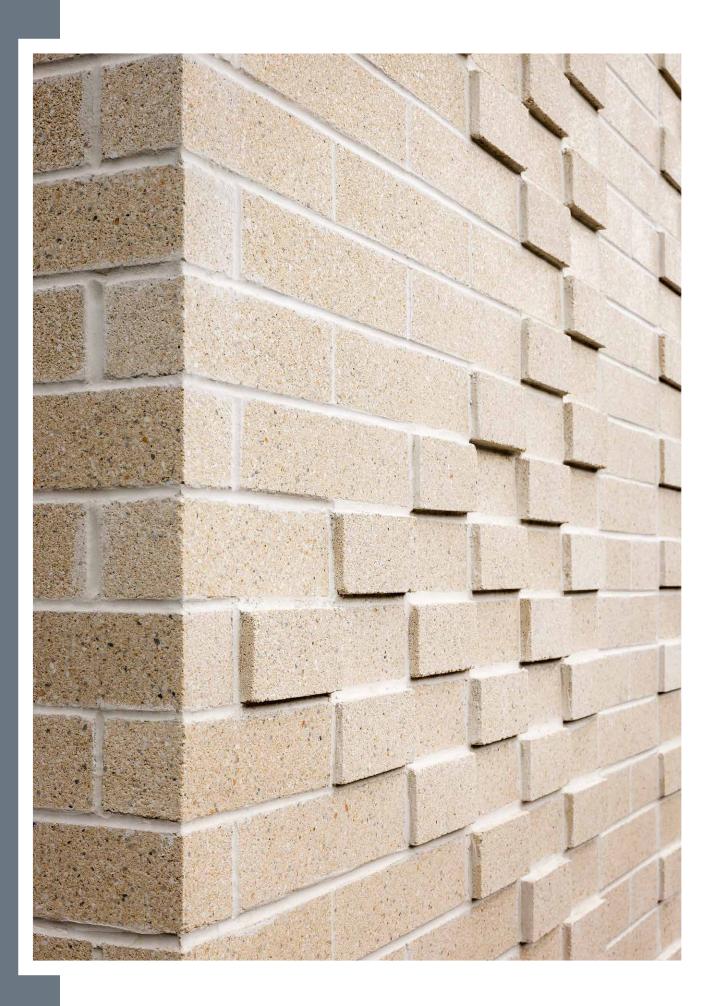
## **COLOR OPTIONS**





## ADDITIONAL COLORS AVAILABLE





## Timeless textural aesthetics for enduring designs

Ground Face concrete masonry units are manufactured using a unique combination of colored and tightly mixed aggregates. In a multi-stage finishing process, each unit is ground to expose the beauty of the aggregate and integral color and includes an integral water repellant that allows for use at or below grade.







## ECHELON MASONRY DESIGN GUIDE 51

## **GROUND FACE**

## COLOR OPTIONS







White Limestone

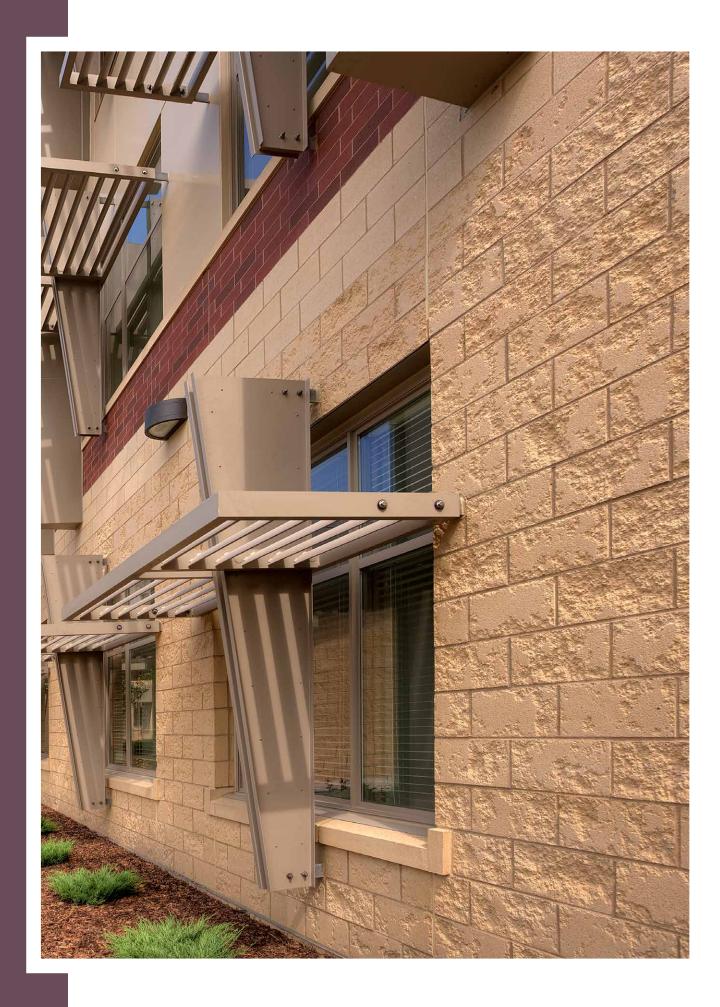
## ADDITIONAL COLORS AVAILABLE





## TRENWYTH MASONRY

## TRATTINO



Trattino is pre-finished architectural masonry that offers a natural travertine aesthetic with the added benefits of manufactured stone. Available in both full-depth veneer and structural units, the subtle irregular organic texture adds charm and visual interest to any project.





Coral





## **TRATTINO**<sup>™</sup>

## Unique textural aesthetic of travertine

## COLOR OPTIONS



Parchment



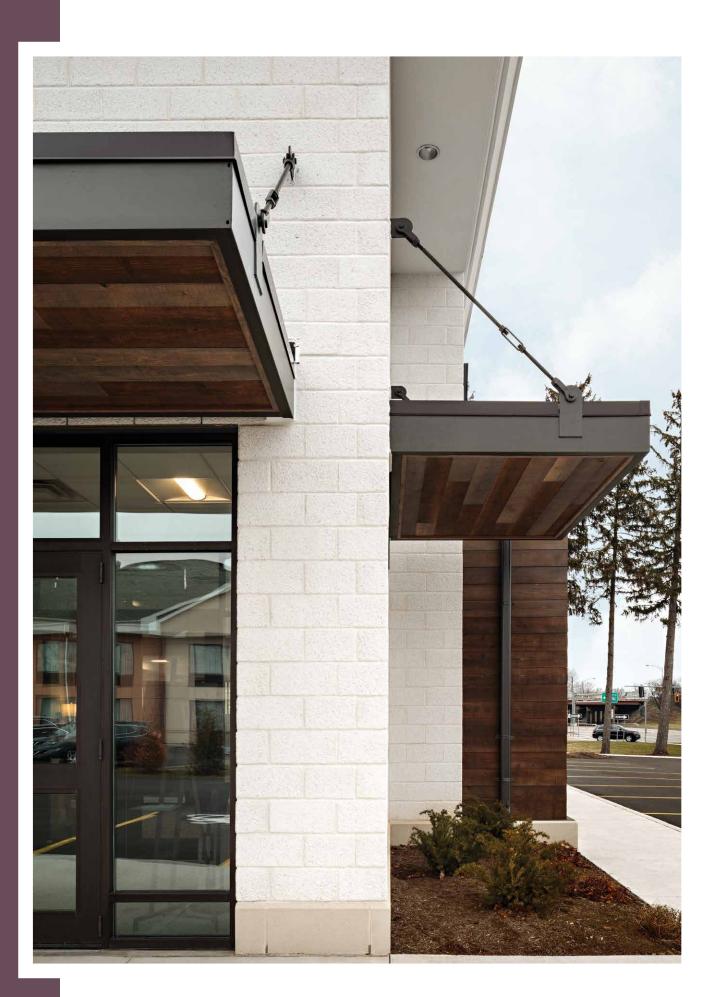
Rocky Road



Shadow Gray



## ADDITIONAL COLORS AVAILABLE





Mesastone pre-finished concrete masonry units are made with specially colored aggregates and pigment. The face of each architectural unit is finished to expose the aggregate and create a uniform textured surface that resembles split face masonry, but without the characteristic divots, making it easier to lay up and providing a straighter sight line. Also available as a full depth veneer.



Knight Gold





## MESASTONE

## Enduring natural color and uniform texture

## **COLOR OPTIONS**



Cookies & Cream



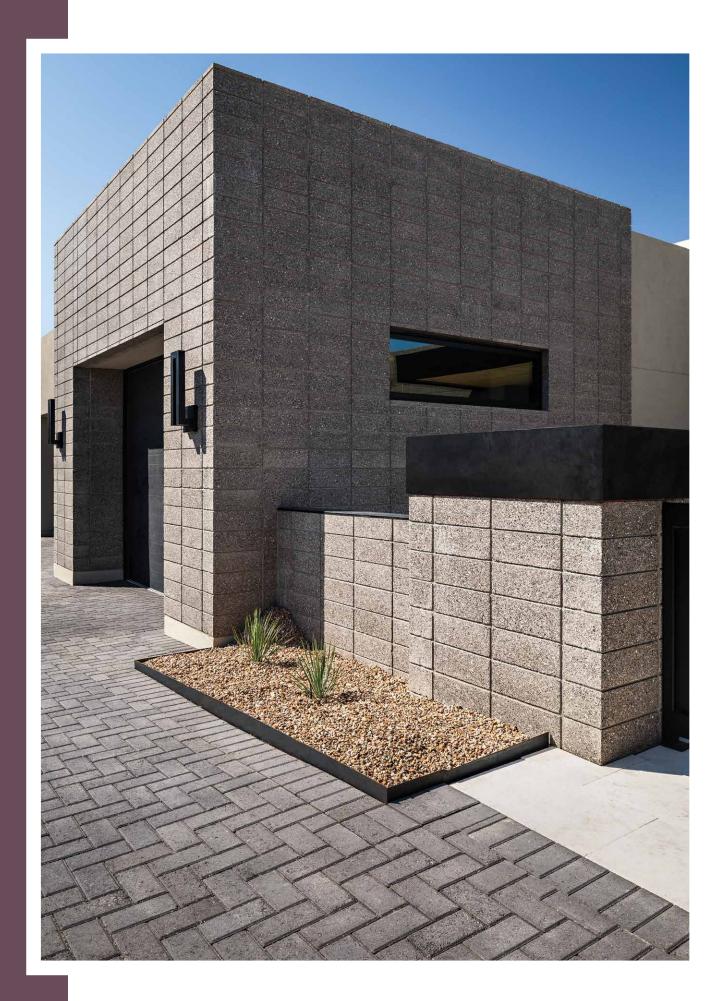




Shadow Grey



## ADDITIONAL COLORS AVAILABLE



Trendstone goes beyond standard ground face concrete masonry by applying a clear satin gloss acrylic to the exposed face of each concrete masonry unit. This process accentuates the natural beauty of the aggregates and provide moisture resistance for added durability. Also available as a full depth veneer.



Springfield





## TRENDSTONE

## Durability, with a vibrant ground stone look

## COLOR OPTIONS



Almond Bark



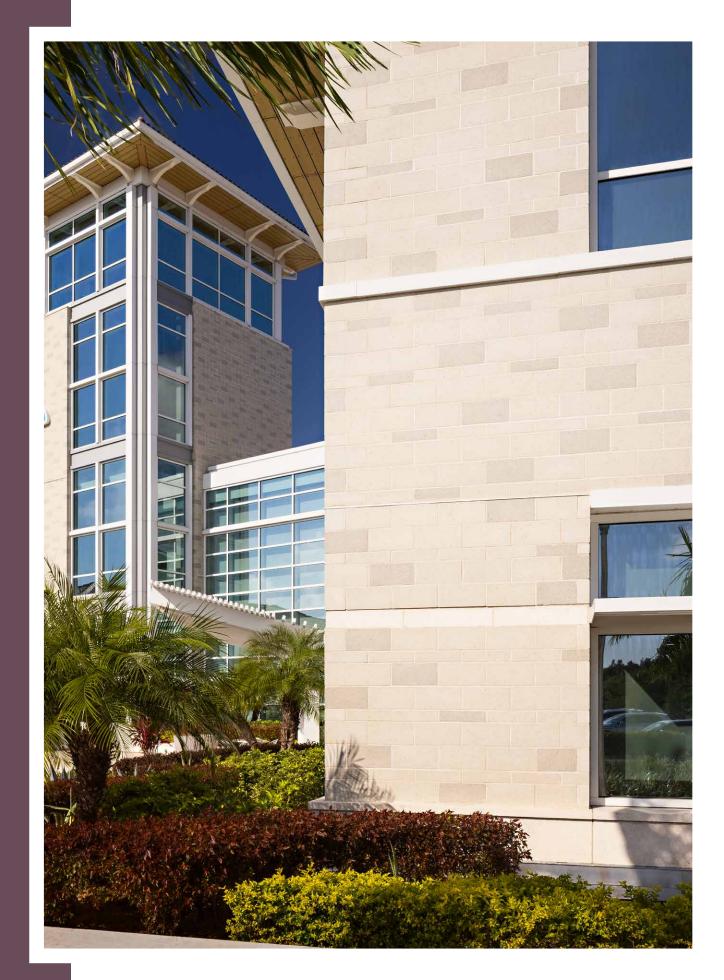
Ash Charcoal



Knight Gold



## ADDITIONAL COLORS AVAILABLE



## TRENDSTONE PLUS

## Taking the ground face aesthetic to greater heights

Trendstone Plus ground face masonry units take our Trendstone line to the next level by filling and polishing the exposed faces to a smooth terrazzo finish. Pre-finished and integrally colored, these concrete masonry units offer stunning aesthetics, one-step installation, and a maintenance-free finish that is easy to clean. Also available as a full depth veneer.





Springfield





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## COLOR OPTIONS





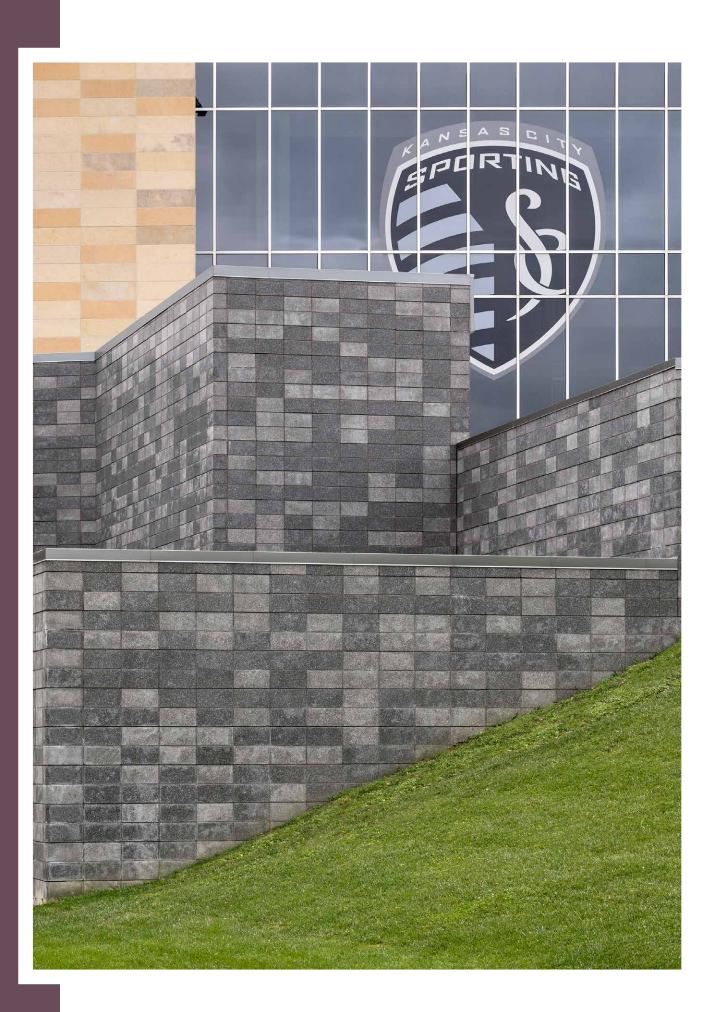




Knight Gold



## ADDITIONAL COLORS AVAILABLE



## Textural ground-face aesthetics paired with peak sustainability

Verastone recycled concrete blocks are colored, pre-finished architectural blocks with one or more faces ground to show the varied colors of the natural aggregates. During production, a clear satin gloss acrylic is applied to the exposed faces to accentuate the natural beauty of the aggregates and enhance moisture resistance. Also available as a full depth veneer.



Cambria



5



## VERASTONE

## COLOR OPTIONS

Superior

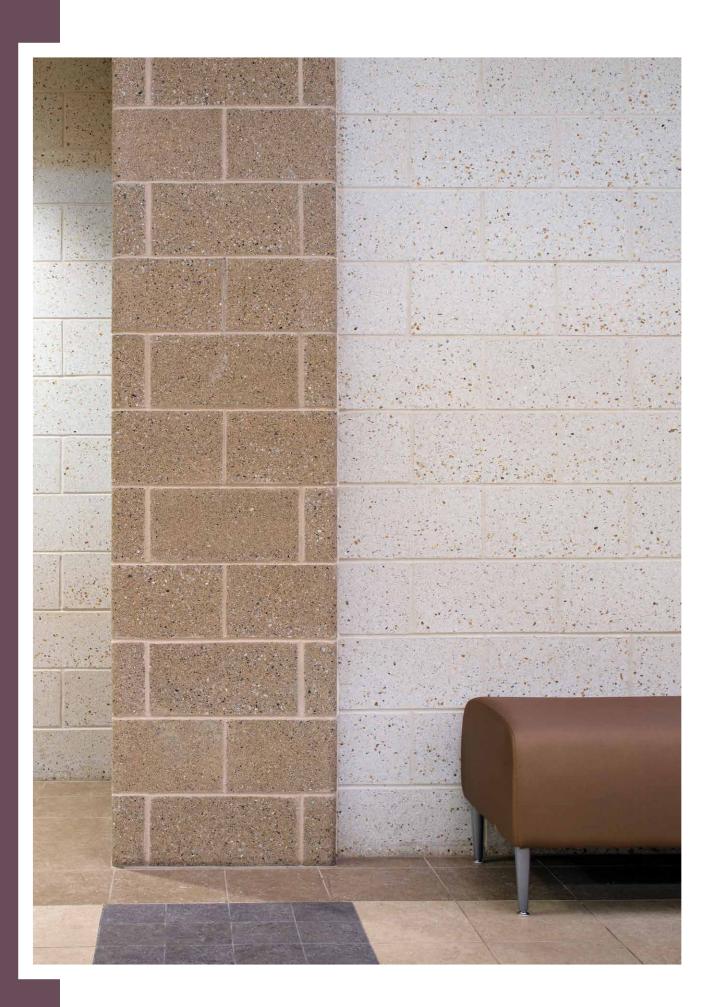






Austin

## ADDITIONAL COLORS AVAILABLE



## VERASTONE<sup>®</sup> PLUS

## Taking sustainable design to a polished level

Verastone Plus is a high-performance masonry containing recycled material that can contribute toward LEED goals. These concrete masonry units feature a distinctive ground face with a filled and polished terrazzo finish that showcases the beauty of the natural aggregates. Also available as a full depth veneer.





Cambria



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## COLOR OPTIONS

Superior

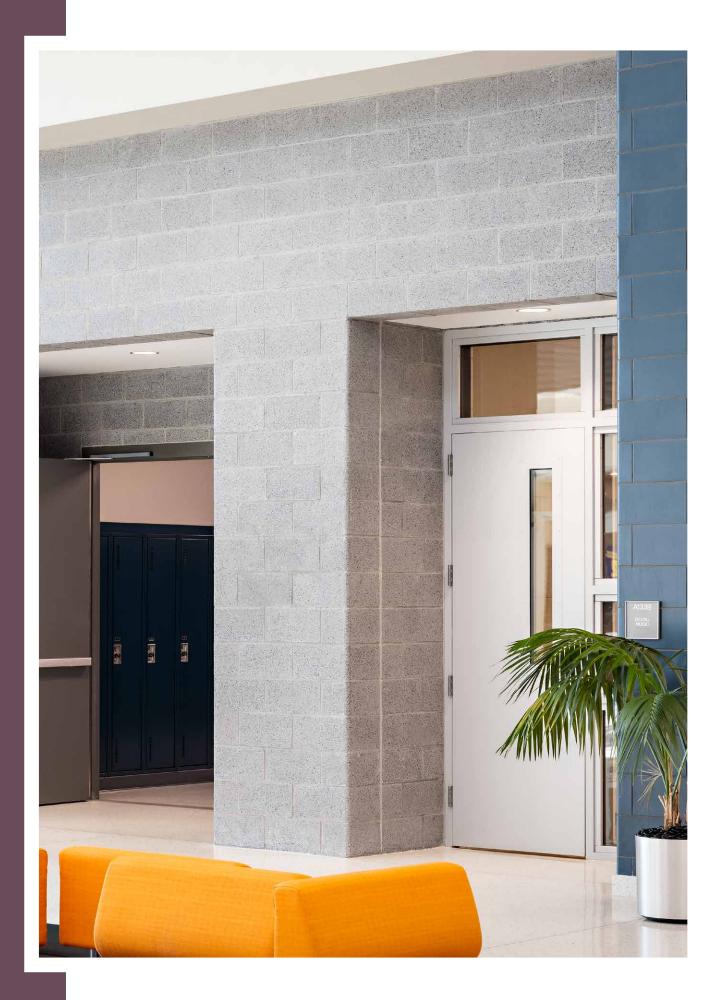


Chardonnay



Austin

## ADDITIONAL COLORS AVAILABLE



## TRENWYTH HIGH POLISH

Upscale aesthetics reminiscent of terrazzo Trenwyth High Polish features a polished marble finish that emulates terrazzo for the ultimate in aesthetics. Each unit is ground and polished for an enhanced look and features integral water repellant admixtures for peak in-field performance.









## COLOR OPTIONS



4106



4302



4101



## ADDITIONAL COLORS AVAILABLE

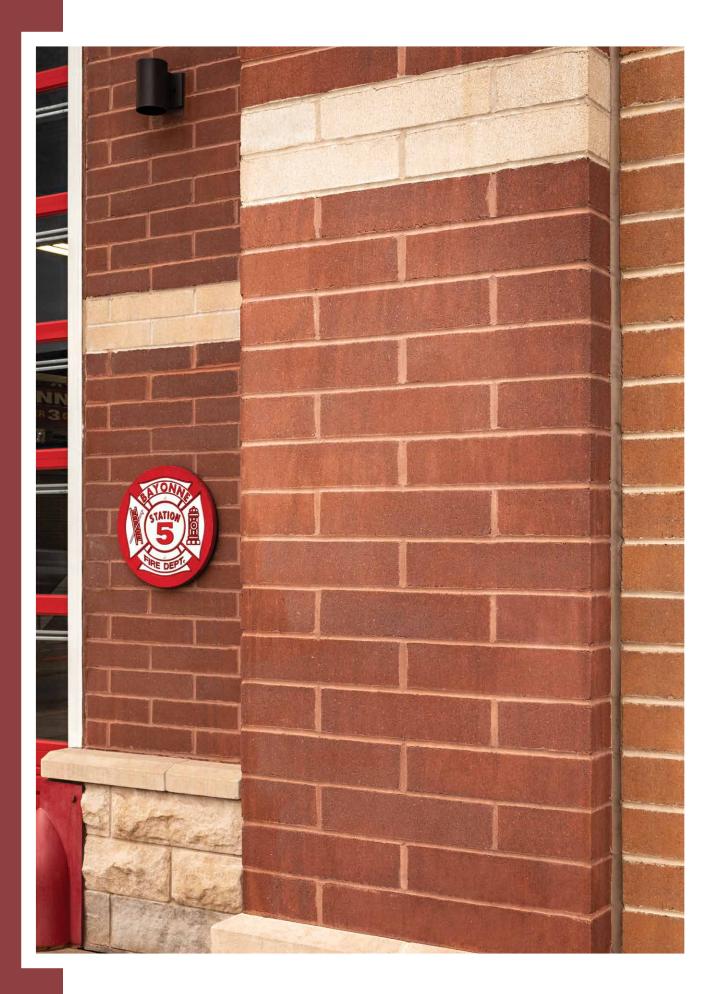




## ARCHITECTURAL CMU

## STRUCTURAL BRICK

## QUIK-BRIK



## **QUIK-BRIK**<sup>°</sup> **TRADITIONAL**

## Classic brick aesthetics in a single-wythe package

Quik-Brik is a durable and efficient structural masonry option that offers the rich look of brick in a variety of shades. With nationally available color options, Quik-Brik is the ideal choice for retailers who demand consistency nationwide. Physical performance, usability, and cost effectiveness have earned Quik-Brik its unrivaled reputation among architects and contractors alike.



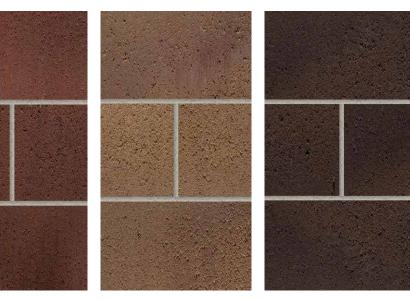


Autumn

Heritage







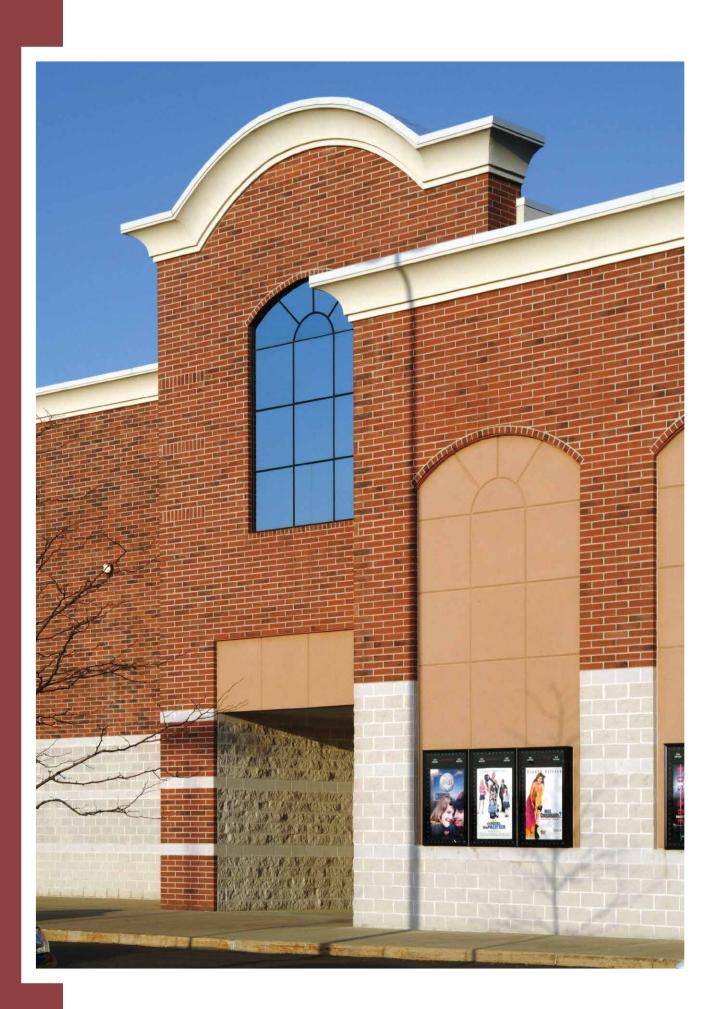
## **COLOR OPTIONS**

Earthtone

Wilkesboro



## ADDITIONAL COLORS AVAILABLE



## HARVARD BRIK

## Rich color blends for the look of craftsman-era brick

Harvard Brik provides a blended finish so authentic, brick masons of the past are smiling. It offers all of the benefits and efficiencies of Quik-Brik with a unique blended color palette and an integral color process that accentuates architecture with durable color fastness.

COLOR OPTIONS



Ash Blend







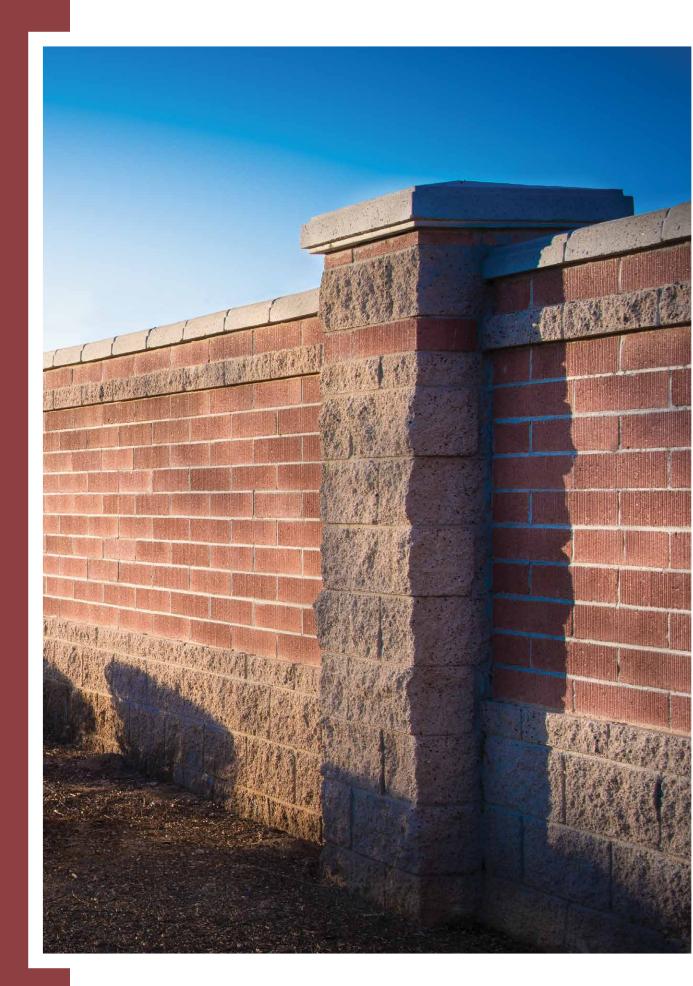
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## Cherokee

Deer Creek

White

## ADDITIONAL COLORS AVAILABLE



## FOUNDER'S FINISH

## Multi-textural striations for a unique brick aesthetic

Founder's Finish structural brick enhances traditional brick aesthetics with the appearance of hand-tooled striations. The multi-textural effect adds a distinctive look to any masonry project and can be paired with other masonry units for additional design flexibility.



Bone

Μ





# 2 ----- ECHELON MASONRY DESIGN GUIDE

## COLOR OPTIONS

Maurous

Canyon



Platinum

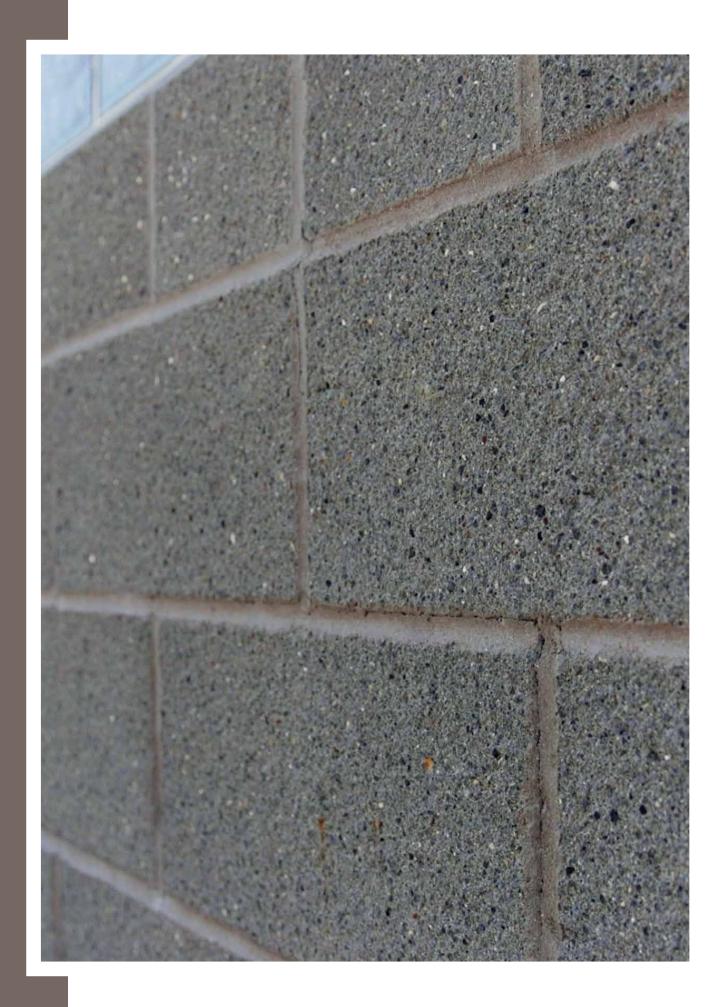
## ADDITIONAL COLORS AVAILABLE





## PERFORMANCE ENHANCEMENTS

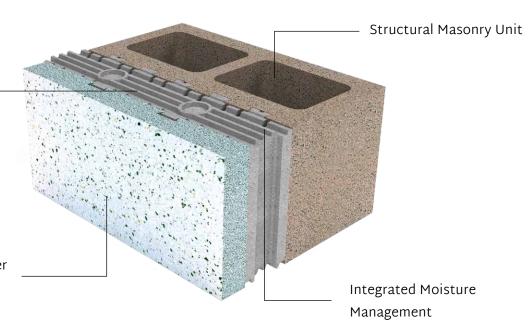
MASONRY SYSTEMS



## **THERMAL PERFORMANCE**

The patented InsulTech<sup>™</sup> Insulated Concrete Masonry System (ICMS) The InsulTech system is a thermally-broken, continuous-insulated system that delivers unmatched R-16.0 performance. Each single, preassembled unit includes structural CMU, EPS insulation with drainage channels, and a veneer face. Both the structural block and exterior veneer are available in either standard finishes or Trenwyth architectural finishes for design flexibility.

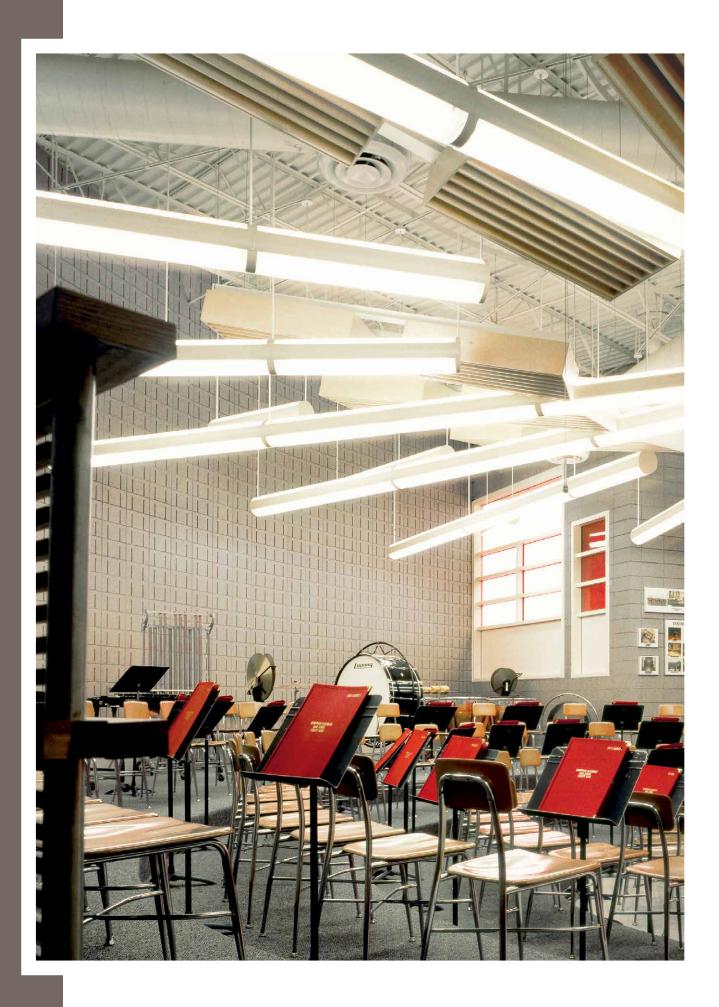
**EPS** Insulation (R-16.0 Rating)



Thin Veneer Face Unit



78



## **ACOUSTIC PERFORMANCE**

The combined acoustic and aesthetic power of Acousta-Wal<sup>°</sup> Acousta-Wal sound-absorbing masonry units provide an indoor or outdoor solution for sound control, achieving NRCs of up to .85. The unique design absorbs sound waves of all frequency, even the difficult-to-control low frequencies. With a closed top and vertical slots that expose the inner cavity, Acousta-Wal is an upgrade option for many Echelon masonry units, providing a great deal of design flexibility.

Designed to absorb all sound frequencies and control sound transmission.





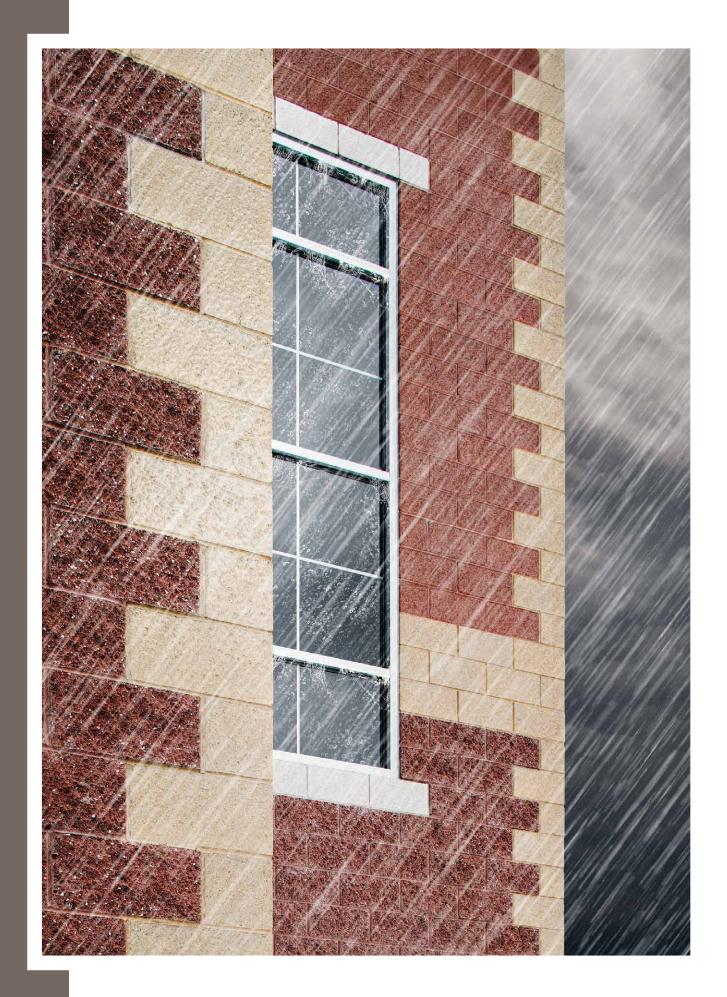
Single trade installation of finished load-bearing or non-load-bearing walls saves time and money.

A single unit provides the surface color and texture along with sound control.



## **VORE INFORMATION**

Scan the QR code for more information on Echelon's Acoustic Performance.



## **MOISTURE PERFORMANCE**

The protection of the Rainbloc<sup>®</sup> Integrated Water Repellent System All Echelon Masonry units can be manufactured with RainBloc GP integral water repellent. When specified for masonry in conjunction with Amerimix mortars, RainBloc achieves best-in-class protection against moisture intrusion.





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RainBloc patented water repellent technology is a two-part system that is integrated into both the block and mortar, creating a continuous protection system that's delivered to your site, ready to go.

RainBloc bonds to the capillary pores of the CMU and mortar inhibiting water from migrating through the block.

## MORE INFORMATION

Scan the QR code for more information on Echelon's Moisture Performance.

## OLDCASTLE APG, **BRANDS THAT TRANSFORM.**



## **OUTDOOR FLOORING**

Best-in-class underfoot surfaces that are exceptional on every level, like the durable beauty of Belgard<sup>®</sup> pavers and the technologically advanced MoistureShield<sup>®</sup> wood composite decking.

## 

## SHADE, SECURITY & PRIVACY

Stylish and functional solutions for keeping your space covered, safe and secure, like ActiveYards° vinyl fencing, innovative RDI<sup>™</sup> railing, and Barrette Outdoor Living° pergolas and privacy screens.

## LANDSCAPING

Creation and maintenance of healthy, integrated exterior spaces with edging, coping and steps from Belgard<sup>®</sup> and soil, mulch, and decorative stone from our numerous lawn & garden brands.



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## **BACKYARD FEATURES**

Adding fun, function and focal points with features like PebbleTec° fire bowls, water features and decorative fixtures; Belgard<sup>®</sup> outdoor fire features and kitchens; and Elements<sup>™</sup> kitchen appliances and accessories.



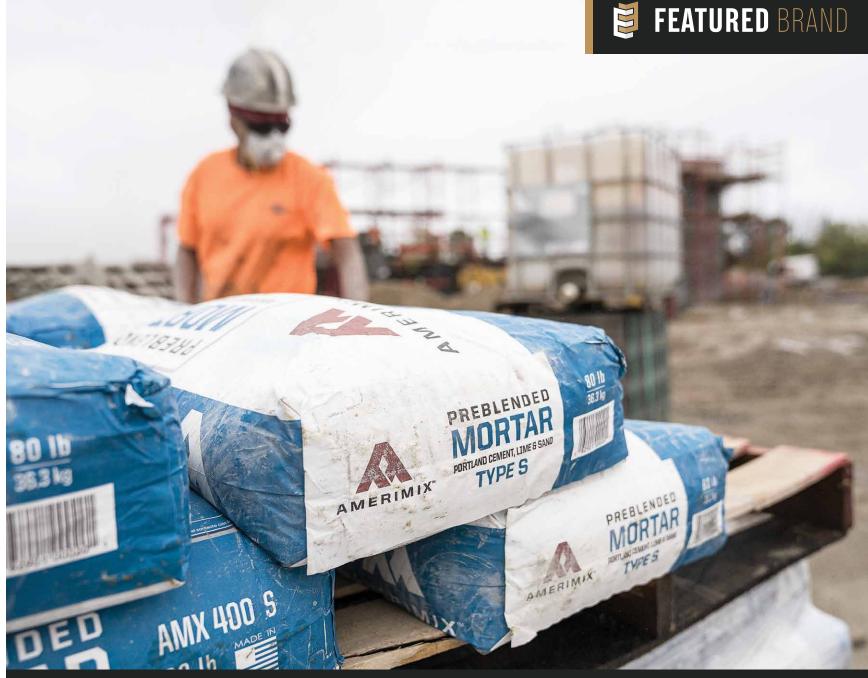
## **SET, SEAL & REPAIR**

Everything needed to connect, protect and repair outdoor building materials with products like Sakrete<sup>®</sup> concrete mixes, Amerimix<sup>®</sup> mortars and grouts, and Techniseal<sup>®</sup> paver sealants, cleaners and jointing materials.

## WALL SURFACES

Finishes and exterior construction elements designed to endure, like Echelon<sup>\*</sup> veneers and wall systems, MoistureShield<sup>®</sup> composite cladding, Belgard<sup>®</sup> retaining walls, and PebbleTec° pool finishes.









## WHY AMERIMIX?

It's Time to Ditch the Sand Pile. For construction professionals who want the most out of their mortar, Amerimix is a better, more efficient way to build. Our pre-blended mortar, grout and stucco mixes are developed by contractors for contractors — providing consistency backed by proven results.



## MORTAR · STUCCO · GROUT



## DISTRIBUTION LOCATIONS

Pompano Beach | 954.972.7400 Sarasota | 941.957.3933 Ft. Myers | 239.334.8022 Tampa - Anderson Road | 813.886.7761 Tampa - Busch Blvd. | 813.932.1007 Longwood | 407.831.1050 Jacksonville | 904.539.4470 Gainesville | 352.377.1699 Theodore | 251.443.2040 Doral | 954.972.7400 Naples | 239.334.8022 Defuniak Springs | 800.239.7451 Gulf Port | 844.253.8370

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