



# DESIGN GUIDE

AMCOR







Institute of Black Culture at the University of Florida, DLR Group  
Trendstone in Alamo (Gainesville, FL)

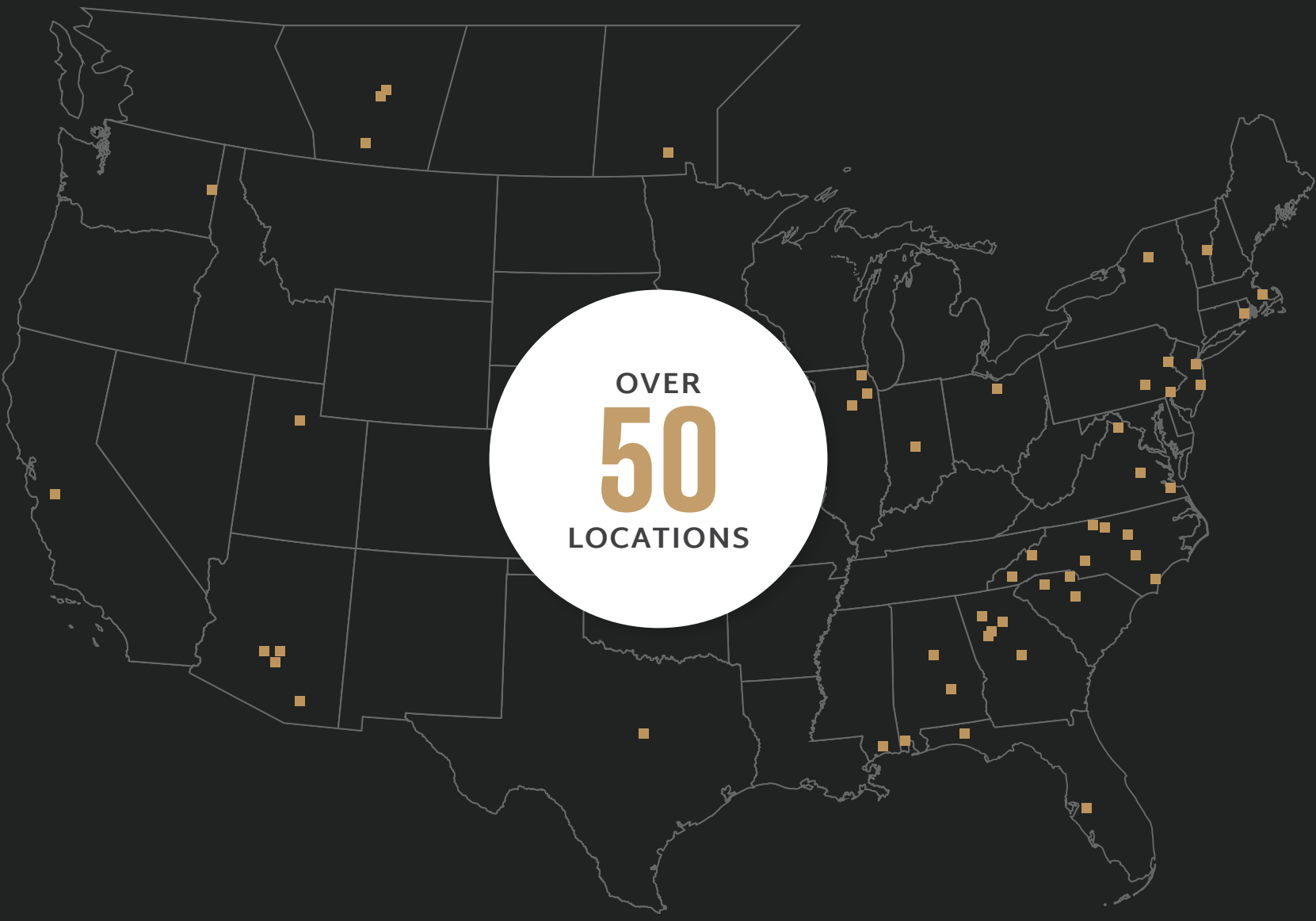
## WHY ECHELON?

For generations, Oldcastle® 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® 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.





### 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.





## WHY MASONRY?

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

[EchelonMasonry.com](https://EchelonMasonry.com)



### SUSTAINABILITY

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



### COST EFFICIENCY

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.



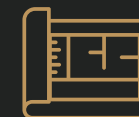
### ENERGY

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



### RESILIENCY

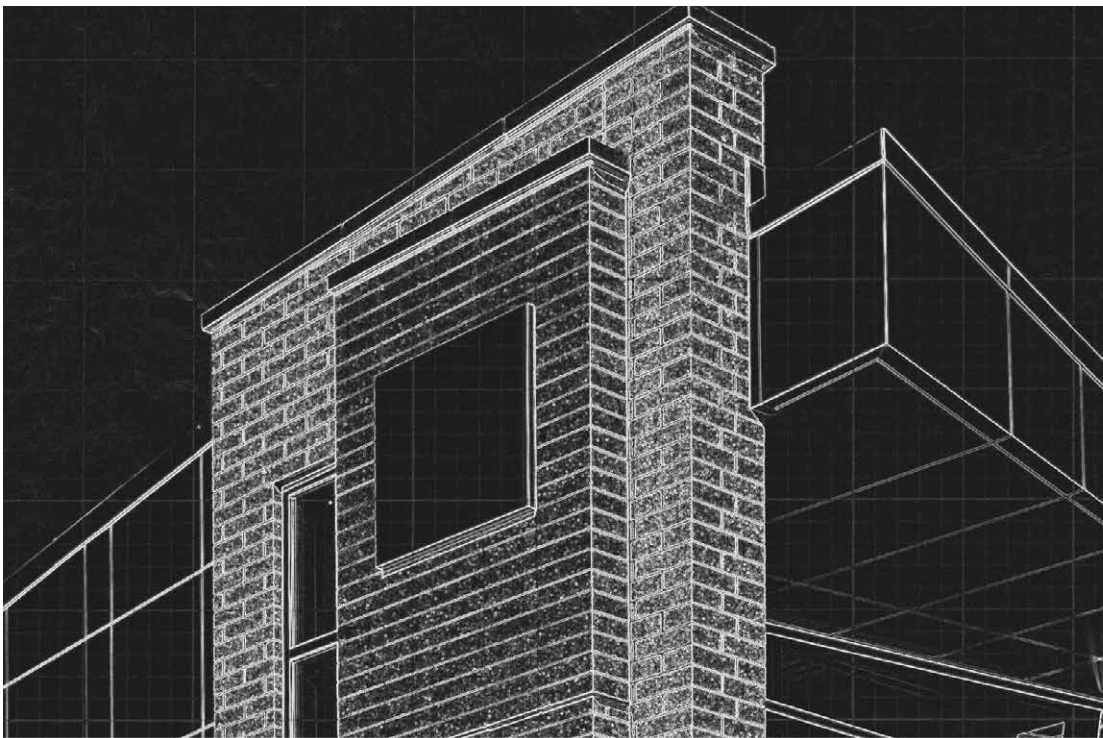
Annually, non-masonry structures under construction experience up to \$157M in fire damage. Specifying masonry construction can help prevent these losses.



### DESIGN

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





**REALIZING YOUR  
DESIGN INTENT**

---

Take your project from  
concept to completion.



**WITH YOU AT  
EVERY STAGE  
OF THE PROCESS**



### 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.





The North Star School, Stantec  
Trendstone Plus and Mesastone in Ramapo White

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## ARCHITECTURAL CMU

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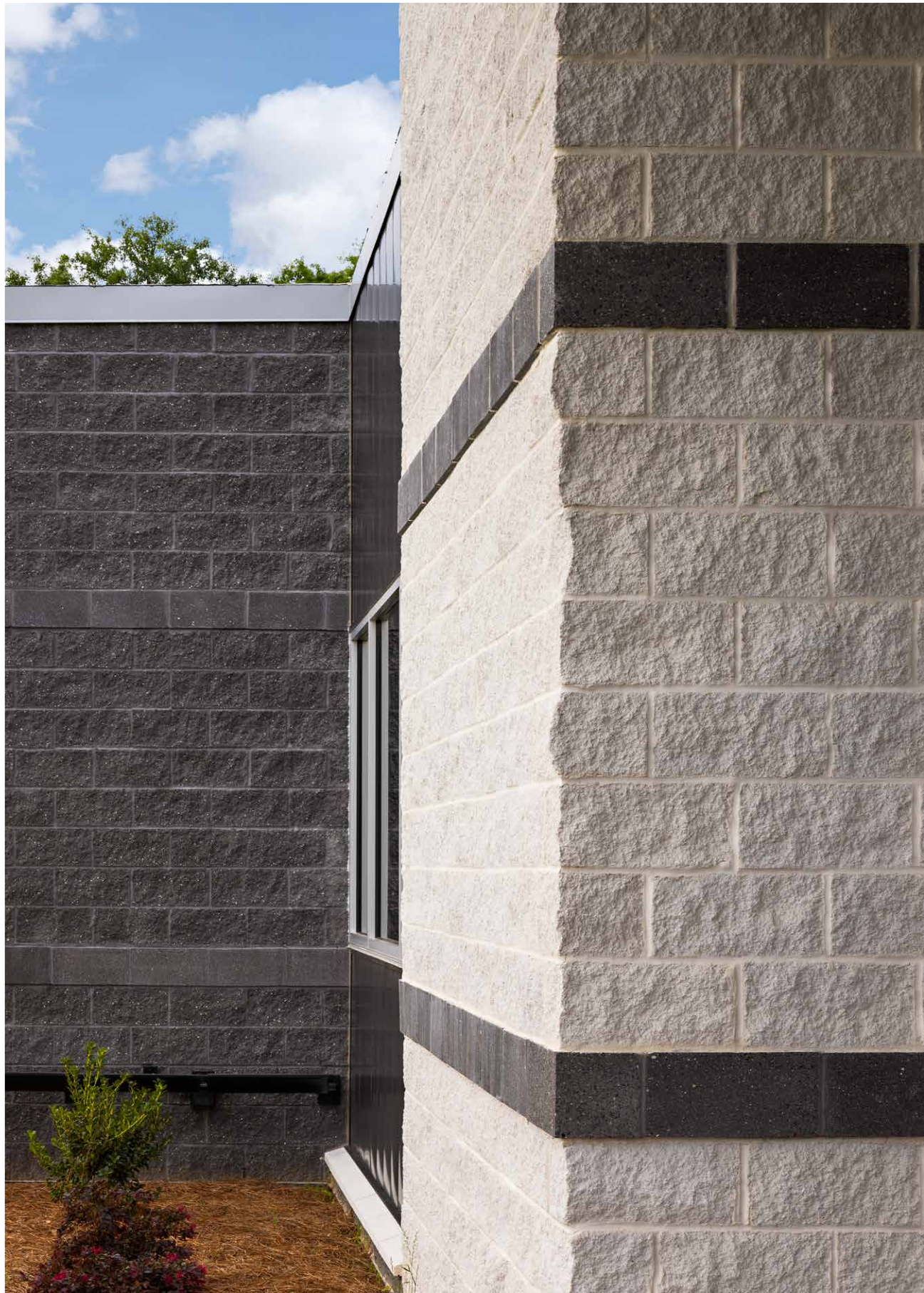


**ECHELON**  
MASONRY

ARCHITECTURAL CMU

**STANDARD MASONRY**





# SPLIT FACE

## Classic design that never goes out of style

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.

## COLOR OPTIONS



Regional Color Offerings



### ADDITIONAL COLORS AVAILABLE

Product colors vary by region. Scan the QR code to see your full regional color offering.





# SMOOTH FACE

## 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.

## COLOR OPTIONS



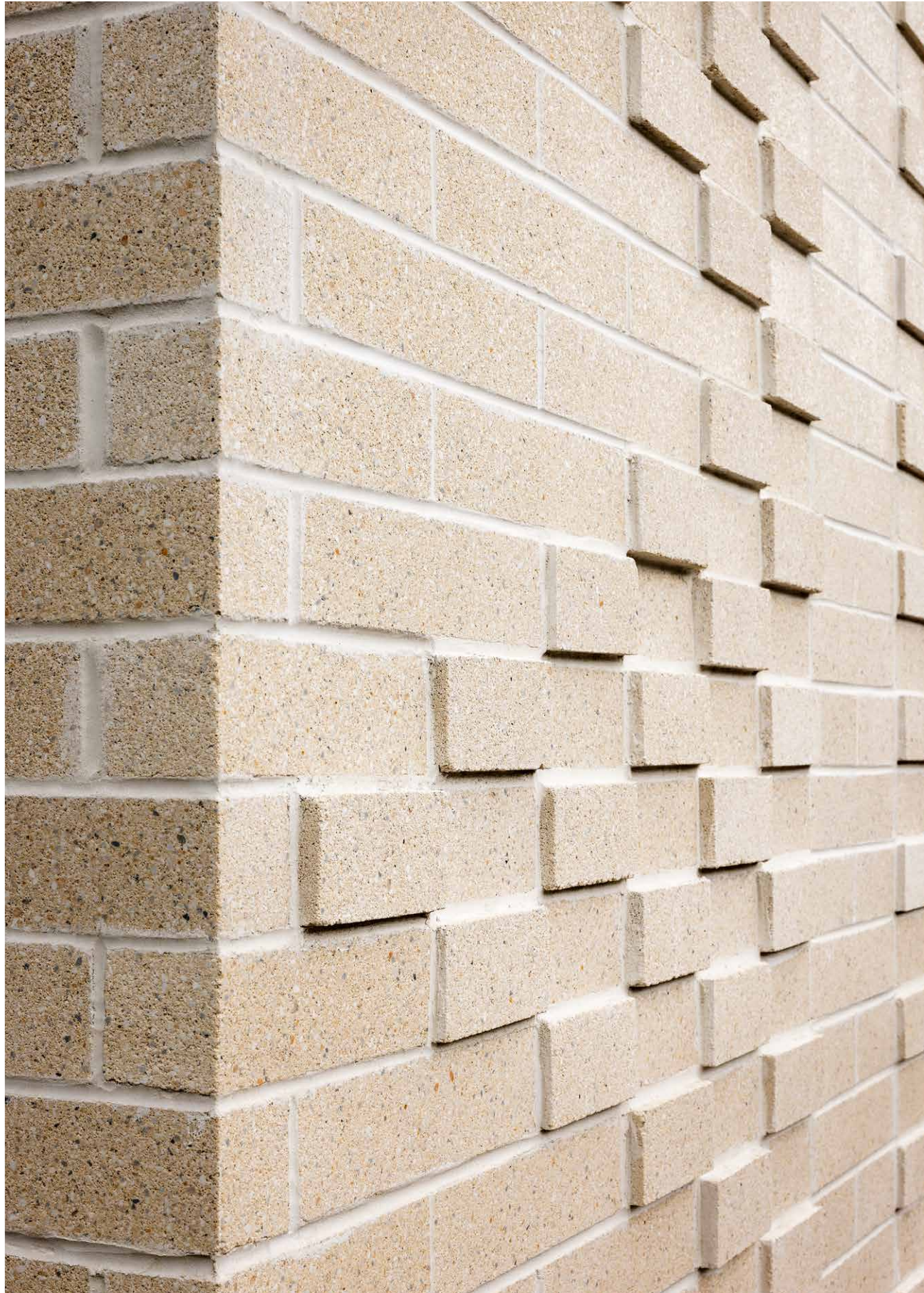
Regional Color Offerings



### ADDITIONAL COLORS AVAILABLE

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## GROUND FACE

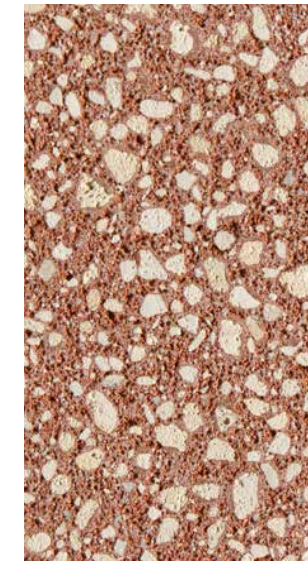
### Timeless textural aesthetics for enduring designs

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.

### COLOR OPTIONS



Charcoal



Rust



Soft Cotton



White Limestone



#### ADDITIONAL COLORS AVAILABLE

Product colors vary by region. Scan the QR code to see your full regional color offering.





Alpena County Regional Airport, RS&H  
Trendstone and Mesastone in Midwest White, Landers Bay and Saddle Tan (Alpena, MI)



**ECHELON**  
MASONRY

ARCHITECTURAL CMU

**TRENWYTH MASONRY**





# 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.

## COLOR OPTIONS



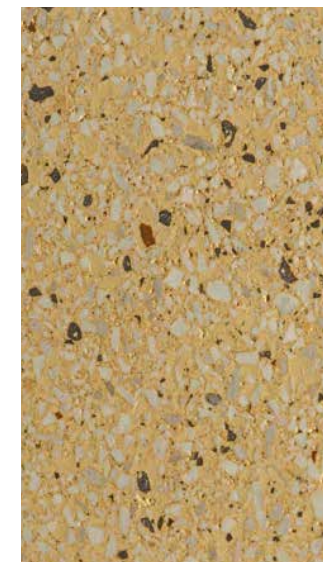
Springfield



Almond Bark



Ash Charcoal



Knight Gold



### ADDITIONAL COLORS AVAILABLE

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Dimitriopolous Residence, Bruns Architecture  
Cordova Stone in Graphite (Fox Point, WI)

 <b>ECHELON</b> MASONRY	ARTISAN MASONRY VENEER
	<b>LIGHTWEIGHT VENEER</b>





# CORDOVA STONE™

## The sophistication of hand-cut natural stone

Cordova Stone™ 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.**

## COLOR OPTIONS

Ground  
Face



Chisel



Alabaster

Buff

Granite

Midnight



### ADDITIONAL COLORS & TEXTURES AVAILABLE

Product colors vary by region. Scan the QR code to see your full regional color offering.





# 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

Product colors vary by region. Scan the QR code to see your full regional color offering.





The Chiswick at Dunwood, HGA Architects  
Waterford Stone in London Grey (Fox Point, WI)



**ECHELON**  
MASONRY

ARTISAN MASONRY VENEER

**FULL DEPTH VENEER**





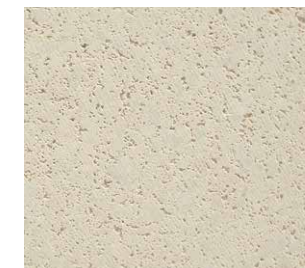
# CORDOVA STONE™

## The sophistication of hand-cut natural stone

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## COLOR OPTIONS

Ground  
Face



Chisel



Alabaster

Buff

Granite

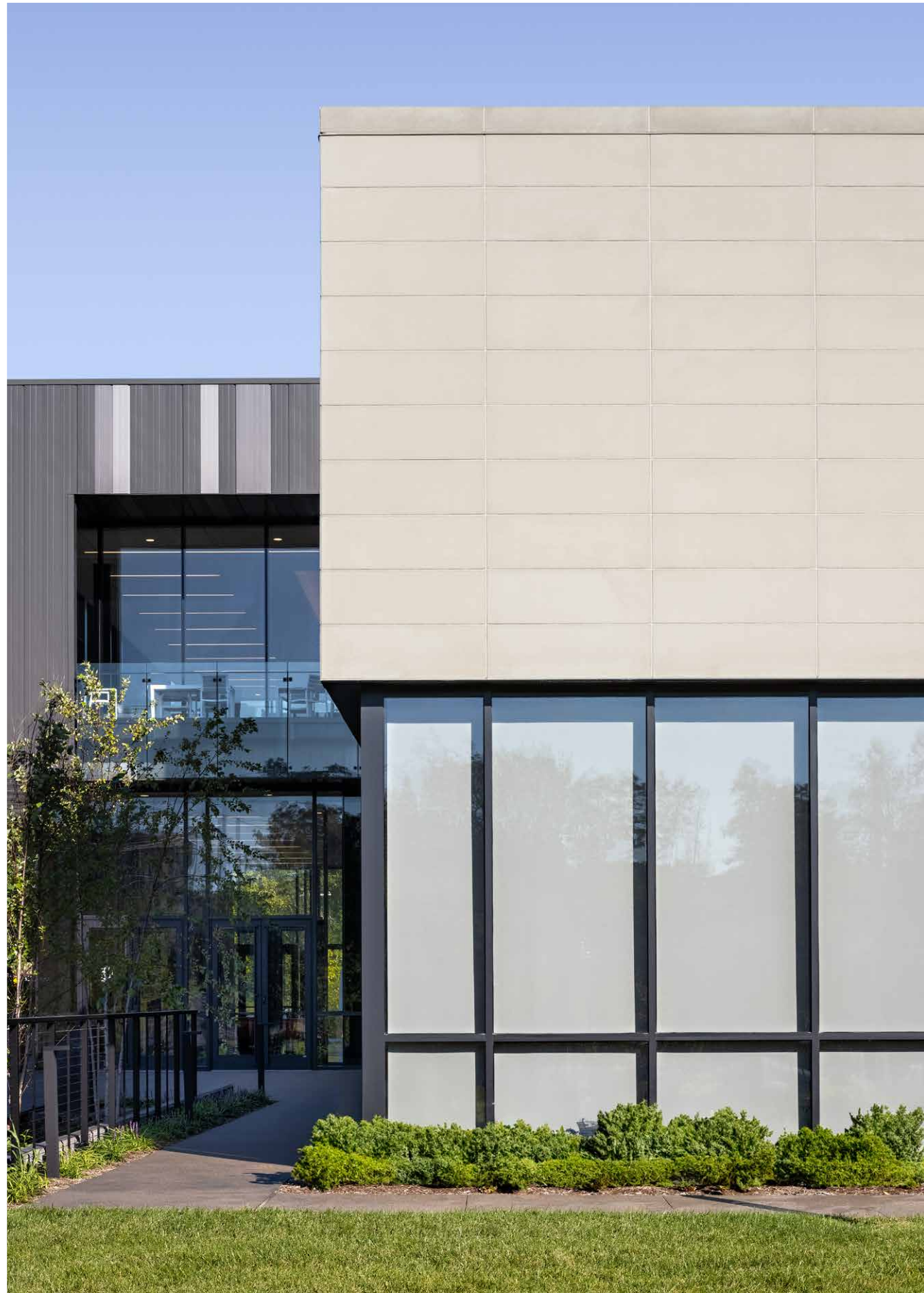
Midnight



### ADDITIONAL COLORS & TEXTURES AVAILABLE

Product colors vary by region. Scan the QR code to see your full regional color offering.





# FRANKLIN STONE

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## COLOR OPTIONS

Smooth  
Face



Rock  
Face



Senate Sage

Liberty Gray

Congress Tan

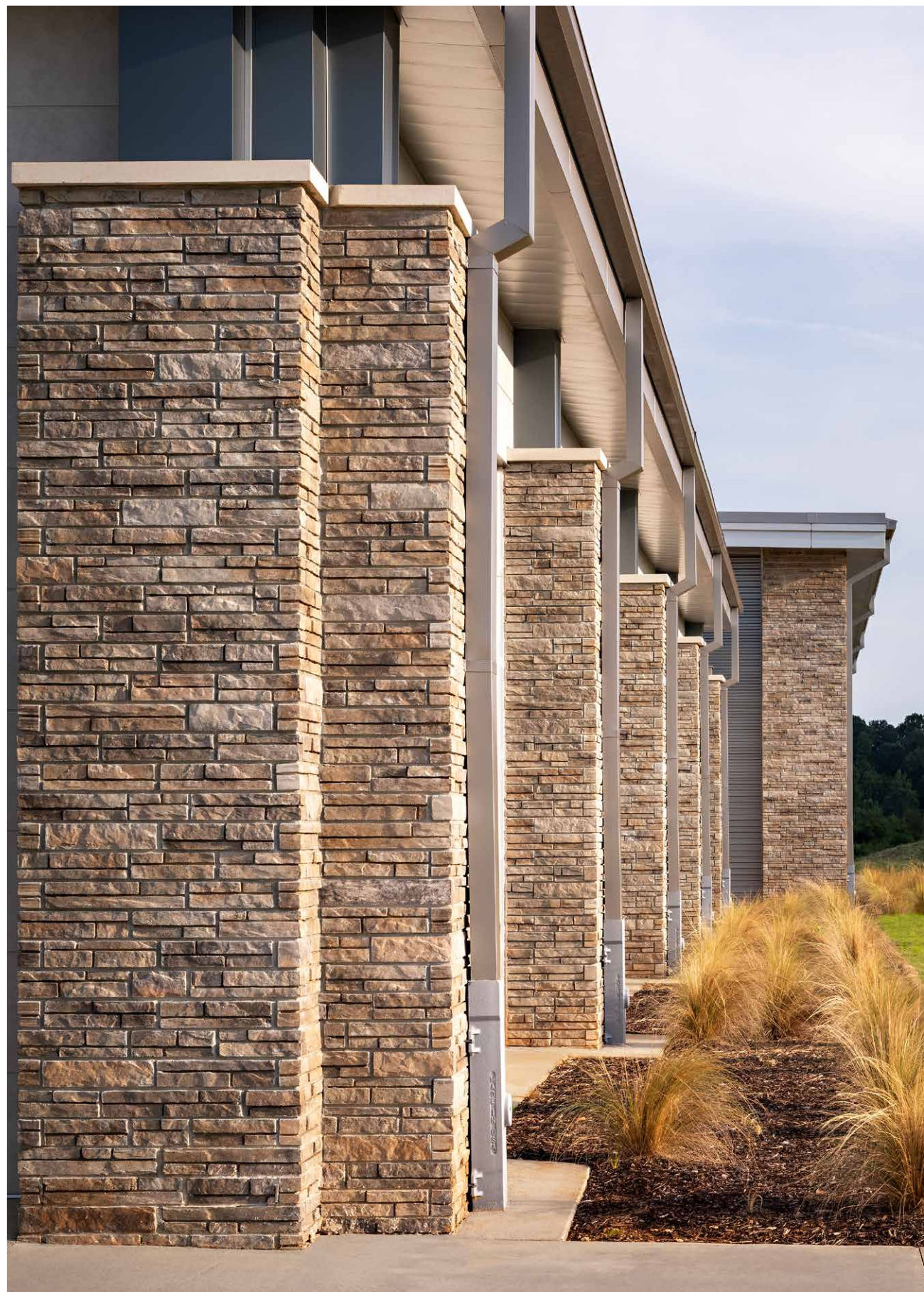
Monument White



### ADDITIONAL COLORS & TEXTURES AVAILABLE

Product colors vary by region. Scan the QR code to see your full regional color offering.





# LAMINA® STONE

## 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 repellent 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.

## COLOR OPTIONS



Ivory



Avondale



Pewter



Highlands



### ADDITIONAL COLORS AVAILABLE

Product colors vary by region. Scan the QR code to see your full regional color offering.





# WATERFORD STONE®

## 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 repellent 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.

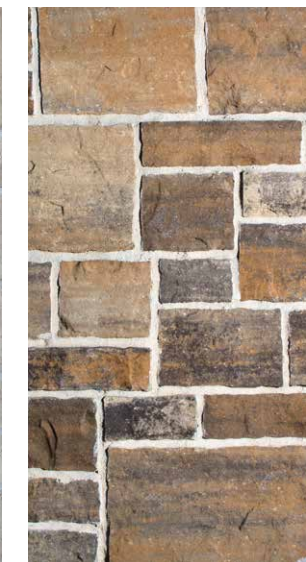
## COLOR OPTIONS



Cottonwood



Aspen



Avondale



Pewter



### ADDITIONAL COLORS AVAILABLE

Product colors vary by region. Scan the QR code to see your full regional color offering.





# ALLURE™

## The next evolution of timeless design

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.

## COLOR OPTIONS



Bourbon



Charcoal



Foundry



Alabaster



### ADDITIONAL COLORS AVAILABLE

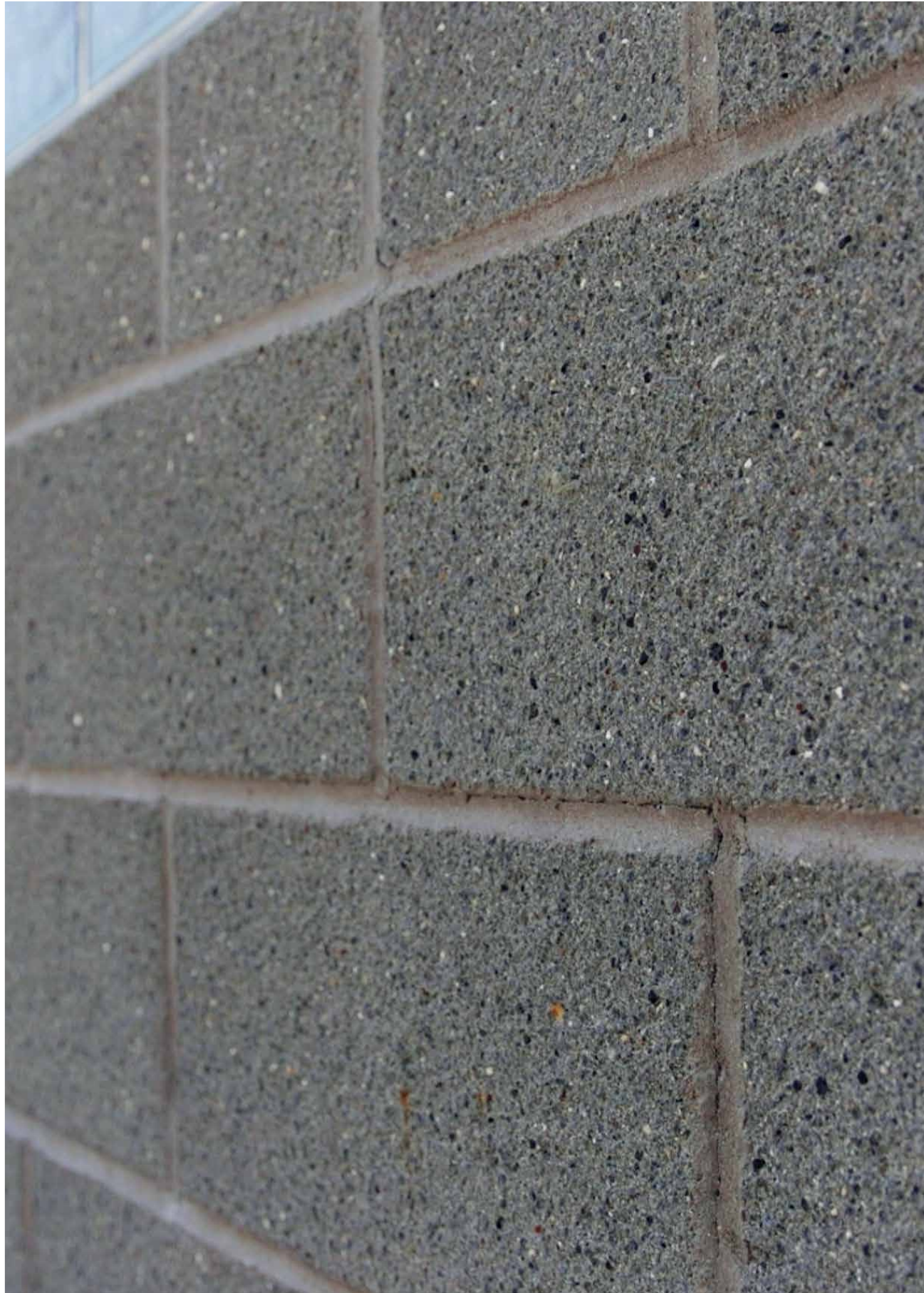
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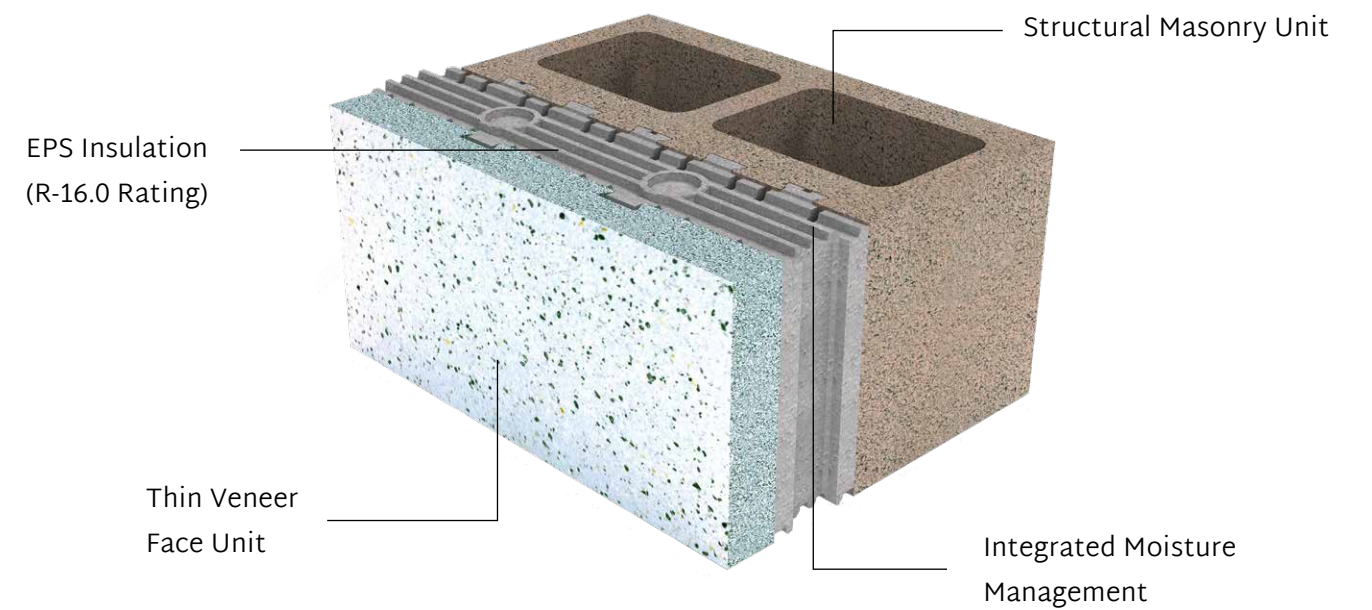
 <b>ECHELON</b> MASONRY	MASONRY SYSTEMS
	<b>PERFORMANCE ENHANCEMENTS</b>





# THERMAL PERFORMANCE

**The patented InsulTech™ 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.



**MORE INFORMATION**  
 Scan the QR code for more information on Echelon's Thermal Performance.





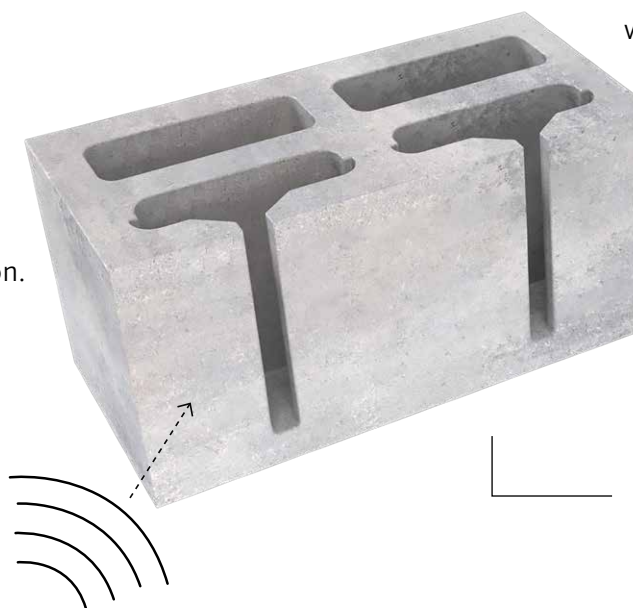
## ACOUSTIC PERFORMANCE

### The combined acoustic and aesthetic power of Acousta-Wal®

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.

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

Designed to absorb all sound frequencies and control sound transmission.



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



#### MORE INFORMATION

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

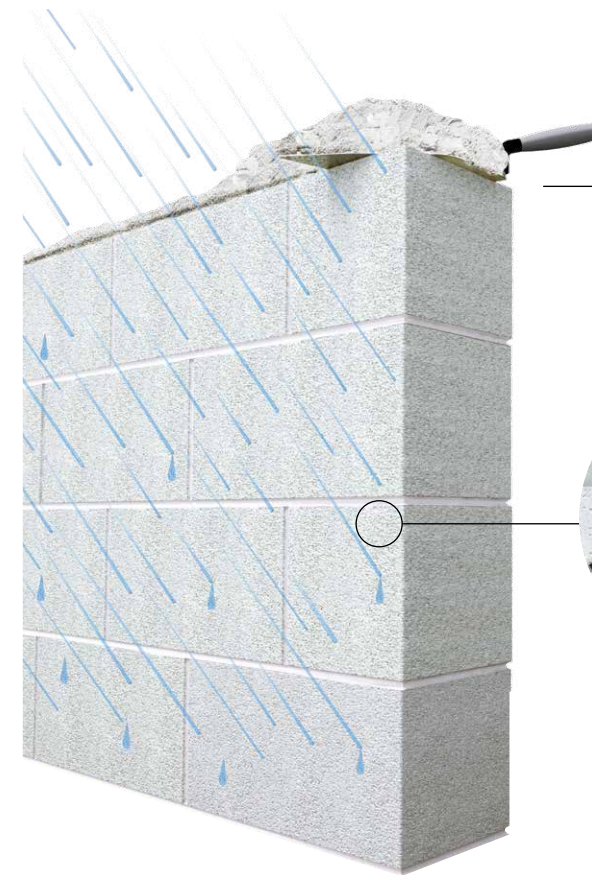




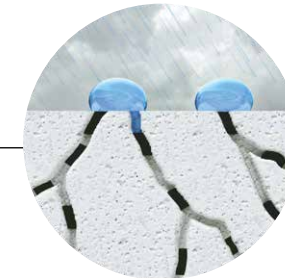
# MOISTURE PERFORMANCE

## The protection of an Integral Water Repellent System

All Echelon Masonry units can be manufactured with integral water repellent. When specified for masonry in conjunction with Amerimix mortars, our system achieves best-in-class protection against moisture intrusion.



Echelon's 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.



Our integral water repellent 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® pavers and the technologically advanced MoistureShield® wood composite decking.



SHADE, SECURITY & PRIVACY

Stylish and functional solutions for keeping your space covered, safe and secure, like ActiveYards® vinyl fencing, innovative RDI™ 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® and soil, mulch, and decorative stone from our numerous lawn & garden brands.



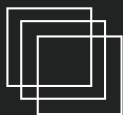
BACKYARD FEATURES

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



SET, SEAL & REPAIR

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



WALL SURFACES

Finishes and exterior construction elements designed to endure, like Echelon® veneers and wall systems, MoistureShield® composite cladding, Belgard® retaining walls, and PebbleTec® pool finishes.



OLDCASTLEAPG.COM/OUR-BRANDS



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





**Oldcastle<sup>®</sup>APG**  
A CRH COMPANY

**NORTH SALT LAKE**

333 S Redwood Road  
North Salt Lake, UT 84054  
801.936.7628

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