Why Echelon?

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.

Industry Innovators

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.

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.

Echelon offers the industry’s most complete BIM-ready library of design assets. For free access to thousands of REVIT files, visit our website or BIMSmith.com/Echelon.
Echelon Masonry represents the future of our industry – sustainable, high-end solutions that meet ever-evolving building codes while delivering stunning aesthetics for modern design.

—Joey Peters
SENIOR BRAND MANAGER

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.
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**TRENWYTH® ARCHITECTURAL MASONRY**

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<th>Product Name</th>
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<tr>
<td>Acousta-Wal®</td>
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<td>Astra-Glaze-SW+®</td>
<td>8</td>
</tr>
<tr>
<td>Mesastone®</td>
<td>12</td>
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<tr>
<td>Monumental CMU</td>
<td>16</td>
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<tr>
<td>Trendstone®</td>
<td>18</td>
</tr>
<tr>
<td>Trendstone Plus®</td>
<td>22</td>
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<tr>
<td>Verastone®</td>
<td>26</td>
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<tr>
<td>Verastone® Plus</td>
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**WALL SYSTEMS**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>InsulTech™</td>
<td>32</td>
</tr>
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<td>EnduraMax®</td>
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</tr>
<tr>
<td>RainBloc®</td>
<td>42</td>
</tr>
</tbody>
</table>

As the leader for modern masonry solutions, Echelon products can be utilized with a suite of wall systems that deliver a variety of benefits including energy efficiency, speed of installation and moisture control. Look for the following icons on product pages to see which are compatible with a given system.
ARTISAN
MASONRY
STONE VENEERS®

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- Cordova Stone™ 1-inch 48
- Franklin Stone™ 1-inch 50
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- Kensley™ Stone 54
- Porcelain Veneer 56
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ARCHITECTURAL
CMU & MASONRY
PRODUCTS

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- Filled & Polished 80
- Split Face 82
- Ground Face & Marble Face 82
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Trenwyth® Architectural Masonry unit provides ultimate design flexibility with a wide range of colors, shapes, sizes & finishes. Trenwyth’s reputation for excellence in quality and innovation are unmatched and Trenwyth CMU are mold & moisture resistant and virtually maintenance free.

PRODUCTS

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- Mesastone® 12
- Monumental CMU 16
- Trendstone® 18
- Trendstone Plus® 22
- Verastone® 26
- Verastone® Plus 26
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Architect: NBBJ Architecture, PLLC
Contractor: King Brothers Masonry Construction
Product: Astra-Glaze-SW+

Project: Holy Cross Germantown Hospital
Architect: Smith Group Inc.
Contractor: Henry J. Knott Masonry
Product: Trendstone & Trendstone Plus
Acousta-Wal®
Provides indoor and outdoor acoustic solutions.

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.

**Acousta-Wal Noise Reduction Coefficients**

<table>
<thead>
<tr>
<th>Size</th>
<th>Type</th>
<th>Surface</th>
<th>Frequency (Hertz)</th>
<th>NRC</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>125</td>
<td>250</td>
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<tr>
<td>4&quot;</td>
<td>IV</td>
<td>Painted</td>
<td>.21</td>
<td>.78</td>
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<td>6&quot;</td>
<td>IV</td>
<td>Painted</td>
<td>.31</td>
<td>1.23</td>
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<tr>
<td>8&quot;</td>
<td>IVRF</td>
<td>Painted</td>
<td>.21</td>
<td>.78</td>
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<td>10&quot;</td>
<td>IVRF</td>
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<tr>
<td>12&quot;</td>
<td>IVRF</td>
<td>Painted</td>
<td>.31</td>
<td>1.23</td>
</tr>
</tbody>
</table>

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.
Astra-Glaze-SW+®
Pre-faced architectural units with a thermoset glazing compound permanently molded to one or more faces.

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.

Meets ASTM C-744 for graffiti and cleansability performance.
Shapes & Sizes

2S
Also available in 4, 6, 10 & 12" thickness

4S
Also available in 4, 6, 10 & 12" thickness

6S
Also available in 4, 6, 10 & 12" thickness

8S
Also available in 4, 6, 10 & 12" thickness

10S
Also available in 4, 6, 10 & 12" thickness

12S
Also available in 4, 6, 10 & 12" thickness

8U
Also available in 2, 4, 6, 8, 10 & 12" thickness

8ST
Also available in 2, 4, 6, 8, 10 & 12" thickness

8UT
Also available in 2, 4, 6, 8, 10 & 12" thickness

4S
Also available in 2, 6, 8, 10 & 12" thickness

8UCPX
Also available in 2, 4, 6, 10 & 12" thickness

4G
Also available in 2, 4, 6, 10 & 12" thickness

8G
Also available in 2, 4, 6, 10 & 12" thickness

4GJPR
Also available in 2" thickness

4GJOR
Also available in 2" thickness

4GJPR
Also available in 2" thickness

4GJOR
Also available in 2" thickness
### Colors & Textures

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<td>Terra Cotta</td>
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<td>Vivid Red</td>
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<tr>
<td>Paprika</td>
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<td>Viking Red</td>
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<td>Custom Red</td>
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<td>Bimini Blue</td>
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<td>Sea Green</td>
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<tr>
<td>Sedona Clay</td>
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<td>Mahogany</td>
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<td>Canella</td>
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<td>Banner Red</td>
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<td>Custom Blue</td>
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<td>Egg Shell</td>
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<td>Rich Blue</td>
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<tr>
<td>Mallard Green</td>
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<td>Wild Mushroom</td>
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<td>Safari Beige</td>
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<td>Pebble</td>
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<tr>
<td>Ivory</td>
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</table>

**Note:** Colors may vary based on regional aggregate. For accurate color selection, ask your sales representative for samples. Percentages indicate the light reflectance value of each color, or the percentage of light reflected.
Pre-finished architectural block with an even texture.

Mesastone textured masonry units are pre-finished masonry units 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.

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)
Colors & Textures (East)

- Natural
- Delmarva
- Manchester
- Alamo
- Terra Cotta
- Fawn
- Hawthorne
- Rutherford Grey
- Gunsmoke
- Ashland
- Plum
- Dover Grey
- Fairfield
- Temple Grey
- Cambridge
- Shannon
- Valley Green
- Burford Brown
- Canyon Stone
- Colonial Red
- Andover
- Canterbury
- Madison
- Ravenstone
- Williamsburg Grey
- Windermere
- Carson Brown
- Greystone
- Wine
- Pembroke
- Ramapo White
- Hampton Green

Note: Colors may vary based on regional aggregate. For accurate color selection, ask your sales representative for samples.
Monumental CMU
Create a grand impression on your next project.

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 and unmatched aesthetics.

Shapes & Sizes

Shapes & Sizes (continued)

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

Trendstone ground face masonry units are pre-finished, integrally colored concrete unit 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.

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

- **8FE C1**
- **8FT C2**
- **8FET C4**
- **8FFE C5**
- **8FEE C11**

**Shapes & Sizes**

- **2F**
- **4FT**
- **4FE**
- **4F**
- **6F**
- **8F**
- **8FT**
- **10F**
- **44F**

Also available in hollow, semi-solid or solid units

**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 Mesastone, Trendstone Plus, Verastone and Verastone Plus. *

*Specify left or right. (Right shown)*
## Colors & Textures

<table>
<thead>
<tr>
<th>Color</th>
<th>Color</th>
<th>Color</th>
<th>Color</th>
<th>Color</th>
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<th>Color</th>
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<th>Color</th>
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</thead>
<tbody>
<tr>
<td>Indian Summer</td>
<td>Butterscotch</td>
<td>Forest Brown</td>
<td>Quarry Buff</td>
<td>Winter White</td>
<td>Ravenstone</td>
<td>Manchester</td>
<td>Natural MW</td>
<td>Delmarva</td>
<td>Williamsburg Grey</td>
</tr>
<tr>
<td>Fawn</td>
<td>Rutherford Grey</td>
<td>Alamo</td>
<td>Wine</td>
<td>Greystone</td>
<td>Carson Brown</td>
<td>Ashland</td>
<td>Andover</td>
<td>Madison</td>
<td>Hawthorne</td>
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<tr>
<td>Plum</td>
<td>Cambridge</td>
<td>Ramapo White</td>
<td>Colonial Red</td>
<td>Pembroke</td>
<td>Canyon Stone</td>
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<td>Windermere</td>
<td>Terra Cotta</td>
<td>Shannon</td>
<td>Valley Green</td>
<td>Hampton Green</td>
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</tr>
</tbody>
</table>

Note: Colors may vary based on regional aggregate. For accurate color selection, ask your sales representative for samples.
Project: Holy Cross Germantown Hospital
Architect: Smith Group Inc.
Contractor: Henry J. Knott Masonry
Product: Trendstone & Trendstone Plus
Trendstone Plus®
Pre-finished integrally colored with a smooth terrazzo finish.

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

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

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 Mesastone, Trendstone Plus, Verastone and Verastone Plus.

*Specify left or right. (Right shown)
Colors & Textures

Indian Summer  Butterscotch  Forest Brown  Quarry Buff  Winter White  Ravenstone  Manchester  Natural MW*  Delmarva  Williamsburg Grey  Natural

Fawn  Rutherford Grey  Alamo  Wine  Greystone  Carson Brown  Ashland  Andover  Madison  Hawthorne  Burford Brown

Plum  Cambridge  Ramapo White  Colonial Red  Pembroke  Canyon Stone  Fairfield  Gunsmoke  Temple Grey  Dover Grey  Canterbury

Windermere  Terra Cotta  Shannon  Valley Green  Hampton Green

* Natural MW swatch represents color, not texture.
Note: Colors may vary based on regional aggregate. For accurate color selection, ask your sales representative for samples.
Recycled material provides a sustainable masonry solution.

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.

Verastone Chamfers

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

<table>
<thead>
<tr>
<th>Shape Code</th>
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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 Mesastone, Trendstone, Trendstone Plus and Verastone Plus. *Specify left or right. (Right shown)
### Colors & Textures

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<td><img src="image" alt="Carbon" /></td>
<td><img src="image" alt="Champagne" /></td>
<td><img src="image" alt="Chianti" /></td>
<td><img src="image" alt="Niagra" /></td>
<td><img src="image" alt="Nickel" /></td>
<td><img src="image" alt="Rawhide" /></td>
<td><img src="image" alt="Saddle Brown" /></td>
<td><img src="image" alt="Vintage" /></td>
<td><img src="image" alt="White Chablis" /></td>
</tr>
</tbody>
</table>

Note: Colors may vary based on regional aggregate.
For accurate color selection, ask your sales representative for samples.
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.

**PRODUCTS**

- InsulTech™  32
- EnduraMax®  38
- RainBloc®  42
100% Thermally broken insulated masonry system.

InsulTech 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.

BASF High Performance Neopor EPS molded insulation inserts, giving the assembled unit an effective R-value of 16.2 at 75°F.

Shapes and Sizes

*Backup also available in 6”, 10” and 12” sizes

IAPMO Building Evaluation Report #420
www.iapmo.org
Shapes and Sizes (continued)
Shapes and Sizes (continued)
Mesastone® Colors & Finishes

- Natural
- Delmarva
- Manchester
- Alamo
- Terra Cotta
- Fawn
- Hawthorne
- Rutherford Grey
- Gunsmoke
- Ashland
- Plum
- Dover Grey
- Fairfield
- Temple Grey
- Cambridge
- Shannon
- Valley Green
- Burford Brown
- Canyon Stone
- Colonial Red
- Andover
- Canterbury
- Madison
- Ravenstone
- Williamsburg Grey
- Windermere
- Carson Brown
- Greystone
- Wine
- Pembroke
- Ramapo White
- Hampton Green

Trendstone® Colors & Finishes

- Indian Summer
- Butterscotch
- Forest Brown
- Quarry Buff
- Winter White
- Ravenstone
- Manchester
- Natural MW
- Delmarva
- Williamsburg Grey
- Natural
- Fawn
- Rutherford Grey
- Alamo
- Wine
- Greystone
- Carson Brown
- Ashland
- Andover
- Madison
- Hawthorne
- Burford Brown

Note: Colors may vary based on regional aggregate. For accurate color selection, ask your sales representative for samples.
Trendstone® Colors & Finishes (continued)

Plum  Cambridge  Ramapo White  Colonial Red  Pembroke  Canyon Stone  Fairfield  Gunsmoke  Temple Grey  Dover Grey  Canterbury

Windermere  Terra Cotta  Shannon  Valley Green  Hampton Green

Trendstone Plus® Colors & Finishes

Indian Summer  Butterscotch  Forest Brown  Quarry Buff  Winter White  Ravenstone  Manchester  Natural MW*  Delmarva  Williamsburg Grey  Natural

Fawn  Rutherford Grey  Alamo  Wine  Greystone  Carson Brown  Ashland  Andover  Madison  Hawthorne  Burford Brown

Plum  Cambridge  Ramapo White  Colonial Red  Pembroke  Canyon Stone  Fairfield  Gunsmoke  Temple Grey  Dover Grey  Canterbury

Windermere  Terra Cotta  Shannon  Valley Green  Hampton Green

* Natural MW swatch represents color, not texture.
Note: Colors may vary based on regional aggregate.
For accurate color selection, ask your sales representative for samples.
Equipped with acoustics, energy efficiency & moisture management.

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 can offer an insulation value of R13.6, factoring in thermal mass (R9.1 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.

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.

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 modified Type-S mortar with additives enhances pumpability, bond strength, adhesion, flexibility, and dimensional stability.

**Moisture Management**

As a total cladding solution, EnduraMax integrates all components necessary to achieve superior moisture management*. Channels in the front and back drain any water that may infiltrate the wall, protecting the structure.

**Sound Proofing**

The foam panels have an STC rating of 51* – meaning even extremely loud sounds such as a stereo, lawn mower or traffic are only faintly heard.

**Wind Rating**

EnduraMax is tough enough to withstand the harshest environments. It’s been proven to resist wind speeds of more than 110 mph (ASTM E330) with no lasting deformation.

**Fire Resistance**

EnduraMax meets NFPA 285 and ASTM E119 fire resistance criteria. Tested walls successfully withstood one hour of exposure to temperatures of more than 1,700°F.

*IAPMO Building Evaluation Report #315 www.iapmo.org
Exceeding Tomorrow’s Codes

As codes continue to move toward tougher building envelope standards, this superior thermal performance enables you to exceed increasingly stringent R-Value requirements, without having to add additional exterior insulation or build larger wall cavities. Without EnduraMax, wood frame buildings in certain regions may have to utilize 2x6 wall construction to accommodate increasing insulation demands. But EnduraMax’s continuous insulation barrier allows continued use of 2x4 wall construction while still surpassing tougher codes.¹

A Smarter Masonry

A high-performance exterior is critical to a building’s overall efficiency. According to the U.S. Department of Energy, heating and cooling systems account for nearly 28% of total energy use in commercial buildings. The EnduraMax system helps significantly reduce this energy loss. It outperforms other cladding options with an unmatched R13.6 thermal barrier¹ – saving energy and operating costs, while enhancing interior comfort.

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.

### Cladding

<table>
<thead>
<tr>
<th>Cladding</th>
<th>R-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>EnduraMax</td>
<td>13.6 thermal mass</td>
</tr>
<tr>
<td>Stone 4”²</td>
<td>.32</td>
</tr>
<tr>
<td>Brick 4”³</td>
<td>.44</td>
</tr>
<tr>
<td>Fiber Cement Siding¹</td>
<td>.19</td>
</tr>
<tr>
<td>Vinyl Siding</td>
<td>.61</td>
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<tr>
<td>Insulated Vinyl Siding</td>
<td>2.00 - 2.70</td>
</tr>
<tr>
<td>Rigid Foam Insulation</td>
<td>2.50 - 5.00</td>
</tr>
</tbody>
</table>

Sources: ASHRAE Handbook of Fundamentals, ColoradoENERGY.org and Vinyl Siding Institute, Inc.

¹An independently conducted ASTM C1363-05 Thermal Performance Test determined the Effective R-Value of the EnduraMax System as R13.6 (R9.1 steady state), taking into consideration the thermal mass benefits of all system components.

²Assumes R-Value of 0.08 per inch.

³Assumes R-Value of 0.11 per inch.

⁴Assumes R-Value of 0.44 per inch.

⁵U.S. Department of Energy: Residential provisions of the 2012 IECC.

Ask your local architectural rep for more information.
Colors & Textures

ENDURAMAX® MORENCY STONE

Light Granite

Mossy Grove

Oldtowne

Piedmont

Note: Colors may vary based on regional aggregate. For accurate color selection, ask your sales representative for samples.
RainBloc®
The complete water repellent system.

With RainBloc, you don’t have to question whether the job was done right. Computerized factory batching of the water repellent agents in both the block and the mortar means no user error — delivering a level of precision you can trust and better end results for your project.

**HOW IT WORKS**

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.

**ECHELON™ CMUS WITH RAINBLOC**

RainBloc technology is integrated into the mix for each Architectural CMU during the manufacturing process, assuring moisture resistance is an integral part of the block—so it won’t chip, wash or wear off for the life of the product. RainBloc bonds to the capillary pores of the cured material to inhibit moisture from migrating through the block. Instead, moisture drains toward flashing and weep holes. RainBloc can be integrated into Echelon’s complete offering of CMUs, including Trenwyth® Masonry Block and Quik Brik® Masonry Unit.

**AMERIMIX® MORTAR WITH RAINBLOC GP**

RainBloc GP is audited, measured and factory blended to assure a consistent water repellent mortar. It meets or exceeds all upload requirements of ASTM C1384: Standard Specification for Admixtures for Masonry Mortars and is available in 80 lb. or 3,000 lb. bulk bags (to be used with the Amerimix Silo Dispensing System).

**CONFIDENCE FROM DAY ONE**

RainBloc GP Traceable Technology assures your project is “installed as specified.” RainBloc GP from Amerimix is the only mortar solution that offers a patented formulation with a tracer component, allowing you to easily verify that the mortar you spec is the mortar that’s used—even after the mortar has hardened—helping assure total quality compliance. It’s added peace of mind for both architects and building owners, and only Amerimix offers it.

See page 70 for more information on Amerimix products.
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.

**PRODUCTS**

- Cordova Stone™
- Cordova Stone™ 1-inch
- Franklin Stone™ 1-inch
- Hillcrest™ Stone
- Kensley™ Stone
- Porcelain Veneer
- Lamina® Stone
- Mondrian® Stone
- Waterford Stone®
- Cordova Stone™ Accessories
Upscale aesthetic in an economical architectural block option.

Cordova Stone high-density, pre-finished architectural concrete masonry units achieve the look of natural stone by incorporating all-natural aggregates and recycled content to deliver the prestigious appearance that has remained a desired look for centuries.

Select Shapes & Sizes
Using state-of-the-art equipment, Echelon can customize standard units to fit your special design needs. Inquire about the endless ways that Cordova Stone can bring your design concept together, including archway pieces, coping units and sill pieces.

Block Sizes
4" x 8" x 12"  6" x 6" x 24"
4" x 16" x 12"  6" x 8" x 24"
4" x 16" x 16"  6" x 12" x 24"
4" x 4" x 24"  6" x 16" x 24"
4" x 8" x 24"  6" x 4" x 48"
4" x 12" x 24"  8" x 4" x 48"
4" x 16" x 24"  8" x 8" x 24" 16" x 4" x 48"
16 x 6 x 48 Coping*  16 x 6 x 48 Coping*
8 x 4 x 48 Cill  8 x 4 x 48 Cill

NEW LONGER SIZES
Less mortar joints means reduced labor costs and less chance of water infiltration. These units are machine made and can be cut to your specifications.

Colors & Textures

EARTH BLEND

Mountain Blend
Woodland Blend
Canyon Blend
Desert Blend

NATURAL

Buff
Limestone
Alabaster
Graphite
Midnight

Note: Colors may vary based on regional aggregate. For accurate color selection, ask your sales representative for samples.

Note: Midnight color swatches are enhanced with sealer to achieve this darker color.
Delivering an economical option for a prestigious aesthetic.

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.

See Page 89 for additional technical information

Note: Midnight color swatches are enhanced with sealer to achieve this darker color.
Cast stone masonry emulating the look of natural limestone.

Whether you prefer smooth texture and clean lines, or a bold chiseled face, Franklin Stone combines the look of cast stone with manufactured masonry veneer's modern advantages. Franklin Stone is made from a mixture of white Portland cement combined with fine aggregates, resulting in a highly dense product with a natural limestone texture.

Colors & Textures

<table>
<thead>
<tr>
<th>Smooth Face</th>
<th>Liberty Gray</th>
<th>Monument White</th>
<th>Senate Sage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Congress Tan</td>
<td></td>
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<tr>
<td>Rock Face</td>
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<td>Texture Face</td>
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<tr>
<td>Chisel Face</td>
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</tbody>
</table>

See Page 89 for additional technical information
Lightweight veneer option with unmatched aesthetics.

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.

Colors & Textures

Hillcrest Stone

Alpine
Sable
Timber
Alpine-Sable Field Blend (50/50)
Alpine-Timber Field Blend (50/50)
Sable-Timber Field Blend (50/50)

Note: Colors may vary based on regional aggregate. For accurate color selection, ask your sales representative for samples.

Shapes & Sizes

<table>
<thead>
<tr>
<th>LENGTH</th>
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<tbody>
<tr>
<td>6&quot;</td>
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<td>14&quot;</td>
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<td>16&quot;</td>
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<table>
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<tr>
<th>THICKNESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1¾&quot;</td>
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</tbody>
</table>

See Page 89 for additional technical information.

IAPMO Building Evaluation Report #502
www.iapmo.org
Lightweight veneer option with a new texture & upscale look.

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 ⅜” mortar joint, Kensley Stone is designed to reflect the timeless aesthetics of natural limestone look while minimizing install time and cost.

Colors & Textures

- Cabernet
- Dogwood
- Wheat
- Dogwood-Cabernet Field Blend (50:50)
- Dogwood-Wheat Field Blend (50:50)
- Wheat-Cabernet Field Blend (50:50)

Note: Colors may vary based on regional aggregate. For accurate color selection, ask your sales representative for samples.

Shapes & Sizes

See Page 89 for additional technical information

IAPMO Building Evaluation Report #502
www.iapmo.org

Overgrout option shown in Cabernet
NEW!

Porcelain Veneer
Rugged durability, low maintenance and endless design aesthetics.

Crafted in Italy, Mirage Porcelain Veneer empowers those looking to elevate their portfolio and drive distinction among their peers. Blending the line between high-end aesthetics and functionality in a dramatic fashion, porcelain veneer delivers instant depth to a living space, commercial property or business setting.

Shapes & Sizes

Colors & Textures

African Stone*
AD03 NAT

Island
AD02 NAT

Shore
AD01 NAT

ARDESIE

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

1/8” - 1/4” D x 4 3/8” H x 18” L

Quartzite 2.0

Glacier
QR01 NAT

Mountains
QR02 NAT

Waterfall
QR03 NAT

River
QR04 NAT

Mantle
QR05 NAT
Lamina® Stone
Distinct stack stone appearance providing ease of installation.

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.

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.

Colors & Textures
Note: Colors may vary based on regional aggregate. For accurate color selection, ask your sales representative for samples.

Shapes & Sizes
FALSE JOINT UNITS
- 3¼" W x 3¾" H x 11½" L
- 3¼" W x 3¾" H x 15½" L
- 3¼" W x 3¼" H x 19½" L

SOLID UNITS
- 3¼" W x 3¼" H x 7½" L
- 3¼" W x 3½" H x 15½" L
- 3¼" W x 3¾" H x 19½" L

See Page 89 for additional technical information
A cutting-edge style with an attractive texture

This new innovative generation of stone will add prestige and distinction to your design. Its texture, defined edges, slightly chiseled surfaces and slender forms provide a modern look. It can be installed in linear or modular patterns and blends perfectly with existing sheathing as an accent or can be used for a primary design note.

*Image above represents product/texture, not dimensions.
Diverse array of sizes for ultimate design flexibility.

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.

Laying Patterns

Waterford Stone is a truly modular system and is easily adapted to suit any owner’s taste. By varying the ratio of 11½” large stones, you can alter the pattern to best suit your individual style.

Shapes & Sizes

Stones of 4” and 7” height are shipped on the same pallet, and the 11½” height is shipped on a corresponding pallet. Stone face dimensions are nominal and include a variable joint width from 3/8” to 3/4”.

Colors & Textures

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

See Page 89 for additional technical information
Our line of Cordova Stone Accessories provides the perfect finishing touch for projects utilizing Artisan Masonry Stone 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.

**ACCESSORIES**

Our line of Cordova Stone Accessories provides the perfect finishing touch for projects utilizing Artisan Masonry Stone 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.

**2" D x 8" H x 6" L**
- Trim Stone*

**2" D x 10" H x 8'/51/2" L**
- Keystone*

**3" D x 3'/23/8" H x 23/8" L**
- Slanted Sill*

* Sill narrows down to 2 3/16" height at front.

---

**Note:** When product is sealed, the color becomes darker.
Quik Brik® is a durable and efficient product option 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.
High quality, single-wythe masonry with color options.

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 and time again for it’s first rate appearance and history of dependability.

STANDARD SIZES

4”D x 4”H x 16”L
8”D x 4”H x 16”L
12”D x 4”H x 16”L

Note: Engineer with score.

Colors & Textures

Autumn Blend
Cedarwood Blend
Marous Blend
Monico Blend
Heritage Blend
Promenade Blend
Earthtone Blend
Lawson Blend
Richfield Blend
Sandalwood Blend
Wilkesboro Blend

Note: Colors may vary based on regional aggregate. Custom colors are available. For accurate color selection, ask your sales representative for samples.
Amerimix has been producing high quality products for almost 20 years. 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.
15% LOSS OF SAND PILES DUE TO WEATHER EROSION = $2,000 LOSS

on a typical job

on a 100,000 block job

Why is it considered completely normal and expected to lose at least 15% of the sand pile (on a typical job) from weather erosion?

IT’S NOT ONLY WASTEFUL. IT’S UNNECESSARY.

Stop wasting time due to weather erosion.

1 BULK BAG

1 FIELD BATCH

*30% is for the full job, based on a 100,000 block job.
Colors & Textures

PRE-BLENDED MORTAR
Amerimix® offers 36 standard colored mortars as well as the ability to develop or match custom colors to meet your specific need. Amerimix colored mortars use high quality iron oxide pigments that disperse easily, providing uniformity and lasting color throughout the joint. Every batch of Amerimix mortar is evaluated with the most up-to-date color technology and quality control systems. This allows our technicians to account for naturally occurring color variations in cements and aggregate before the product reaches the jobsite.

![Color Swatches]

- Alabaster
- Soft Ivory
- Concord Ivory
- Polar Frost
- Shady Lane
- Quarry Rock
- Artichoke
- Driftwood
- Cashmere
- Wet Clay
- River Mist
- Peachland
- Cocoa
- Burnt Russet
- Sunset Rose
- Brick Red
- Rustic Red
- Mocha
- Greystone
- Sage
- Pale Smoke
- Dove Gray
- Ash
- Mystic Gold
- Sandstone
- Peanut Brown
- Soft Tan
- Summer Tan
- Dandelion
- Autumn
- Acorn
- Fawn
- Deep Taupe
- Raisin
- Dark Brown
- Domino
DITCH the SAND PILE
Architectural Masonry is the evolvement of standard gray concrete masonry units into an aesthetically pleasing finished product. These products can be used as a stand alone or in conjunction with other masonry materials. Our Architectural CMU are combined with an integral water repellent, and come in a variety of colors and textures.

**PRODUCTS**

- Franklin Stone™ 76
- Filled & Polished 80
- Split Face 82
- Ground Face or Marble Face 82
- Marble Face Polished 82
- Weathered or Shot Blasted 82
Cast stone architectural block emulating the look of natural limestone.

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

Select Shapes & Sizes

<table>
<thead>
<tr>
<th>Veneer Units</th>
<th>Flat Sill Units*</th>
<th>Sloped Sill Units*</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 x 4 x 24</td>
<td>5 x 2 1/4</td>
<td>6 x 4</td>
</tr>
<tr>
<td>4 x 8 x 24</td>
<td>5 x 3</td>
<td>7 x 4</td>
</tr>
<tr>
<td>4 x 12 x 24</td>
<td>5 x 4</td>
<td></td>
</tr>
<tr>
<td>4 x 16 x 24</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All units available in smooth, rockface or chiseled face finishes. Drip cuts available.
*Sill units are available in 36” or 48” lengths

Colors & Textures

<table>
<thead>
<tr>
<th>Smooth Face</th>
<th>Rock Face</th>
<th>Texture Face</th>
<th>Chisel Face</th>
</tr>
</thead>
<tbody>
<tr>
<td>Congress Tan</td>
<td>Liberty Gray</td>
<td>Monument White</td>
<td>Senate Sage</td>
</tr>
<tr>
<td></td>
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</tr>
</tbody>
</table>

Note: Colors may vary based on regional aggregate. For accurate color selection, ask your sales representative for samples.
Franklin Stone masonry products offer 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 across the country.

Franklin Stone™
ACCESSORIES

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.
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”.

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.

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.
Filled & Polished
Create a smooth terrazzo finish.

Change the aesthetics of your next project by adding Oldcastle’s filled and 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!

Note: Colors may vary based on regional aggregate. For accurate color selection, ask your sales representative for samples.
Architectural
Concrete
Masonry
Durable building blocks manufactured regionally and serviced locally.

Architectural CMU provide a durable foundation and solution to commercial projects. Our CMU 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 CMU 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.

Split Face
Split Face masonry units are integrally colored pre-finished architectural concrete blocks with a beautiful, rough-hewn texture on one or more faces. 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.

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.

Marble Face Polished
Marble Face units go through additional stages of grinding beyond our ground face units. After the initial grinding, the pores and interstices of the face or faces are polished smooth in a multi-stage process.

Weathered Face or Shot Blasted
Shotblasting produces a distinctive “weathered aggregate” surface for a unique finish referred to as either Weathered or Shot Blasted unit. These masonry units are manufactured with moisture repellent to reduce moisture penetration and resist mildew.

Note: All color samples are representative only. For accurate color selection, ask your sales representative for samples.
Anchor North New England Split Face Colors

Battleship Gray  Beige  Buttercup  Charcoal  Clay Red  Golden Rod  Light Brown  Medium Brown  Natural  Rose Tan  Saddle Tan

Anchor North Upstate New York Split Face Colors

Brick Tan  Brown  Chamois  Charcoal  Conesus Range  Genesee Range  Honeoye Range  Ontario Range  Salmon  Seneca Range  West Point Range  Wheat

Anchor South Mid Atlantic Split Face Colors

Amber  Antique White  Autumn Tan  Brick Red  Burnt Umber  Colonial White  Coral  Cornsilk  Creamy Praline  Dark Chocolate  Dim Gray

Goldenrod  Granite  Steel  Harvest Moon  Honey  Light Khaki  Light Mauve  Limestone  Pearl Mist  Potomac Plum  Rappahanock Red

Rustic Rose  Sahara Brown  Salmon  Sea Green  Slate Gray  Stonewall Gray  Sunset Buff  Williamsburg Red

Note: Colors may vary based on regional aggregate. For accurate color selection, ask your sales representative for samples.
Anchor Central Tri-state Area & New York Metro Split Face Colors

**Premium Split Face**
- AW-40
- S-98
- SD-33
- SD-38

**Flash Split Face**
- B-101
- B-102
- B-103
- B-104
- B-105
- B-106

**Classic Split Face**
- S-12
- S-19
- S-20
- S-34
- S-59
- S-96
- S-99
- S-2201A
- S-2411
- S-2902
- SD-11
- SD-11A
- SD-36
- L-300
- SD-1

**Traditional Split Face**
- L-0 SF
- L-1
- L-2
- L-4
- L-5
- L-6
- L-7
- L-8
- L-9
- L-11
- L-14
- L-15
- L-16
- L-22
- L-23
- L-25
- L-26
- L-70
- L-80
- L-2408
- L-2808

**Note:** Colors may vary based on regional aggregate. For accurate color selection, ask your sales representative for samples.
Anchor Central Tri-state Area & New York Metro Marble Face Colors

Marble Face M1  Marble Face M7  Marble Face M8  Marble Face M11  Marble Face M19  Marble Face M20  Marble Face M25  Marble Face M31  Marble Face M32  Marble Face M33  Marble Face M36
Marble Face M38  Marble Face M70  Marble Face M80  Marble Face M83  Marble Face M98  Marble Face M101

Anchor South Mid-Atlantic Ground Face Colors

Amber  Antique White  Autumn Tan  Brick Red  Burnt Umber  Colonial White  Coral  Cornsilk  Creamy Praline  Dark Chocolate  Dim Gray
Goldenrod  Granite  Steel  Harvest Moon  Honey  Light Khaki  Light Mauve  Limestone  Pearl Mist  Potomac Plum  Rappahanock Red
Rustic Rose  Sahara Brown  Salmon  Sea Green  Slate Gray  Stonewall Gray  Sunset Buff  Williamsburg Red

Note: Colors may vary based on regional aggregate. For accurate color selection, ask your sales representative for samples.
Marble Face Polished Colors

MX-5  MX-8  MX-11  MX-14  MX-19  MX-32  MX-33  MX-36  MX-38  MX-80  MX-98

Weathered Face or Shot Blasted CMU Colors


Weathered Face WS-2904B  Weathered Face WS-5148  Weathered Face WS-5149  Weathered Face WS-5150  Weathered Face WS-B101  Weathered Face WS-B102  Weathered Face WS-B104

Note: Colors may vary based on regional aggregate.
For accurate color selection, ask your sales representative for samples.
Technical Information
<table>
<thead>
<tr>
<th><strong>Lamina® Stone</strong></th>
<th><strong>Kensley™ Stone</strong></th>
<th><strong>Cordova Stone™ 1-Inch</strong></th>
<th><strong>Hillcrest™ Stone</strong></th>
<th><strong>Franklin Stone™ 1-Inch</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Minimum compressive strength</strong></td>
<td>4,000 psi</td>
<td><strong>ASTM C1670 Compressive Strength</strong></td>
<td>Average 2,800 psi</td>
<td><strong>Compressive Strength</strong></td>
</tr>
<tr>
<td><strong>Absorption Rate Average</strong></td>
<td>Average 6%</td>
<td><strong>ASTM C1670 Absorption Rate</strong></td>
<td>Average 6%</td>
<td><strong>Cold Water Absorption</strong></td>
</tr>
<tr>
<td><strong>Minimum Density</strong></td>
<td>120 lbs. / cu. ft.</td>
<td><strong>ASTM C666 Freeze Thaw Resistance</strong></td>
<td>Less than 1% loss</td>
<td><strong>Density (normal weight)</strong></td>
</tr>
<tr>
<td><strong>Solid units</strong></td>
<td>3,150 lbs./90 sqft</td>
<td><strong>ASTM C67 Freeze Thaw Resistance</strong></td>
<td>Less than 1% loss</td>
<td><strong>Solid Units</strong></td>
</tr>
<tr>
<td><strong>False joint units</strong></td>
<td>3,060 lbs./90 sqft</td>
<td><strong>ASTM C67 Freeze Thaw Resistance</strong></td>
<td>Less than 1% loss</td>
<td><strong>False Joint Units</strong></td>
</tr>
</tbody>
</table>

ASTM C1634 - Specification for Solid Dry-cast, Concrete Facing Units – tests in accordance to ASTM C140

Pallet: 115 sqft/pallet | 10 layers/pallet | 11.5 sqft/layer
Includes a 3/8” mortar joint

ASTM C1670, Standard Specification for Adhered Manufactured Stone - tests in accordance with ASTM C140

ASTM C482 Shear Bond Strength, Type S Mortar

ASTM C666 Freeze Thaw Resistance, Less than 1% loss

ASTM C67 Freeze Thaw Resistance, Less than 1% loss

Pallet: 105 sqft/pallet | 10 layers/pallet | 10.5 sqft/layer
