York Building Products

Our Products
It’s the beauty of carefully selected aggregates combined with precision manufacturing that gives York Building Products architectural masonry units an edge on the competition. Architects and designers can choose from many different finishes-- from polished to coarse and everything in-between-- in a range of vibrant colors. For more design options, our masonry units are available in a wide variety of shapes and sizes, from brick to 24” units.

Our Design Philosophy
We have created a palette of distinctive architectural units to provide architects, designers and contractors a full range of design flexibility. Our colors, shapes and finishes follow trends in the market that reflect current, innovative thought in modern architecture. We regularly expand our offerings and keep pace with innovations in engineering and design.

Our Distribution
Our masonry products are distributed through authorized dealer showrooms primarily east of the Mississippi. To find the dealer nearest you, please visit our website and click “Where to Buy.”

We look forward to serving your project needs. We will deliver product samples, binders and brochures, and will consult with you at your convenience. Additionally, we have LEED® AP consultants on-staff to assist with your sustainable project needs.

Contact us at sales@yorkbuilding.com or 800.673.2408. You can also visit www.yorkbuilding.com to download valuable specification information, view colors and finishes, and preview all of our products.
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OUR SUSTAINABILITY EFFORTS:
York Building Products is committed to the design and production of products that contribute to sustainable design and reduce life-cycle building costs. In addition, we employ energy reduction and waste recycling efforts throughout our company to reduce the impact on the environment. A sampling of our many sustainability efforts is provided below.

PRODUCTION FACILITY CONSUMPTION:
Our New Holland production facility utilizes a solar array as well as methane gas from a nearby landfill to provide alternative energy sources to run our operations.

PRODUCTION WASTE & REUSE:
We remain committed to making production waste a reusable, recyclable resource. Rejected block from our production line is provided to local contracting firms for reuse in roadbed work, driveways and other needs where virgin material may have been used in the past.

WORKPLACE HEALTH & SAFETY:
Recognizing our duty to provide safe workplaces for all of our employees, we work closely with OSHA (the Occupational Safety and Health Administration). In addition, regular safety training seminars are part of our ongoing company-wide safety awareness program.

OFFICE RECYCLING:
York Building Products currently recycles most paper and metal waste, and printer/copier toner cartridges throughout all office campuses.

DESIGN FOR THE ENVIRONMENT:
Our ongoing manufacturing approach is to select materials for our product design that provide as minimal an impact as possible on our environment.

COMMUNITY ENGAGEMENT:
We are committed to being a good neighbor in our local communities. Our company and employees have undertaken many efforts to aid communities in which they live, through donations of time, money and talent.

These efforts are just the beginning of our long-term commitment to sustainability. Our ongoing approach is one that we encourage our partners and fellow producers to consider.
INSPIRATION

Top:
SEWICKLEY BMW
SEWICKLEY, PA
Gemstone® in Mist

Bottom:
QUEEN STREET PLAZA
YORK, PA
Gemstone® Titan Series® in Parchment

Facing page, top:
CHIPOTLE MEXICAN GRILL
CAMP HILL, PA
Gemstone® in Graphite

Facing page, bottom left:
MCDONALD’S
BRICK, NJ
Split Face in Cream

Facing page, bottom right:
TURKEY HILL STORE
COLUMBIA, PA
MASTER-BRIK® in Colonial Blend

www.yorkbuilding.com
INSPIRATION

Top:
CALVERT HIGH SCHOOL
PRINCE FREDERICK, MD
Rustic Face in Chamois, Crimson and Silver

Bottom:
MAZIE GABLE ELEMENTARY SCHOOL
RED LION, PA
Split Face in custom gray blend and tan

Facing page, top left:
MONOCACY ELEMENTARY SCHOOL
DOUGLASSVILLE, PA
Split Face in Arctic White and Gingerbread

Facing page, top right:
NORTHEASTERN MIDDLE SCHOOL
YORK, PA
Split Face in Gingerbread
Top:
EZ STORAGE
BRENTWOOD, MD
Split Face in Sunset
Gemstone® in Arctic White

Bottom:
RKL ACCOUNTING OFFICE
LANCASTER, PA
Split Face in Arctic White

Facing page, top:
GEORGE & LYNCH DESIGN
DOVER, DE
Gemstone® in Saddle
Split Face in Adobe

Facing page, bottom:
PROVIDENCE BUSINESS PARK
PHOENIXVILLE, PA
Split Face in Charcoal, Slate and Sunset
Top:
MD ARMY NATIONAL GUARD
HAVRE DE GRACE, MD
Split Face in Adobe, Cream and Sandstone mixed

Middle:
KANSAS CITY NORTH PATROL
KANSAS CITY, MO
Gemstone® in Graphite and Silver mixed

Bottom:
LOWER SWATARA FIRE DEPT.
MIDDLETOWN, PA
Split Face in Bermuda and Sandstone

Facing page, top:
REDSKINS TRAINING FACILITY
RICHMOND, VA
Split Face in Sandstone
Rustic Face in Cream

Facing page, bottom:
FIRE STATION #1
HORSHAM, PA
Gemstone® in Hershey Red
Split Face in Charcoal
Top:
HIGHLAND PRESBYTERIAN
LANCASTER, PA
Gemstone® in Camel

Bottom:
HIGHLAND PRESBYTERIAN
LANCASTER, PA
Split Face in Arctic White

Facing page, top:
REAMSTOWN CHURCH
REAMSTOWN, PA
Split Face in Arctic White, Hershey Red,
Sunset and Sandstone

Facing page, bottom:
MARIS GROVE CHAPEL
GLEN MILLS, PA
Split Face in Cream
RELIGIOUS
Top:
3RD & VALLEY LUXURY APTS.
SOUTH ORANGE, NJ
Temple Stone® in Charcoal

Bottom:
GRANDMARC LUXURY APTS.
CHARLOTTESVILLE, VA
Split Face in Adobe

Facing page, top:
MAXWELL APARTMENTS
ALEXANDRIA, VA
Split Face in Khaki
Rustic Face in Gingerbread

Facing page, bottom:
ENGELWOOD APTS.
INGLEWOOD, NJ
Gemstone® in Graphite
RESIDENTIAL
finishes...

gemstone plus®
gemstone®
temple stone®
rustic face
chiseled face
split face
GEMSTONE PLUS® filled and polished units provide the dramatic appearance and finish of terrazzo, all in the face of a colored architectural CMU. Gemstone Plus units are designed to meet the specifications for Prefaced CMU (ASTM C744).

The unit faces are ground to expose the beauty of the natural aggregates. Then, polymer-modified cementitious grout is used to fill the pores of the unit. Next, the units are highly polished.

Finally, a clear satin gloss, heat-polymerized acrylic is factory-applied to enhance the natural beauty of the aggregates.

To view Gemstone Plus shapes and sizes, please turn to page 53.

COLORS

PREMIUM

Arctic White  Bermuda  Brick Chip  Camel  Chamois  Crimson  Gingerbread  Graphite

Parchment  Port  Putty  Saddle  Sahara  Silver  Terracotta

NEUTRALS

Ash  Charcoal  Flint  Fossil  Glacier  Gunmetal  Midnight  Mineral

Mink  Mist  Oyster  Peppercorn  Shadow  Slate  Tundra

Due to the nature of natural aggregates, some variation is to be expected in color and texture. We recommend erecting a jobsite sample panel to show color and texture.
GEMSTONE® ground face masonry units feature a milled finish that exposes the beauty of the natural aggregates in the CMU.

Great for interior and exterior spaces, Gemstone units provide drama to a wall structure. In addition to full wall coverage applications, consider using Gemstone as a banding course on Split Face or Rustic Face projects to add visual appeal.

To view Gemstone shapes & sizes, please turn to page 53.

COLORS

PREMIUM

Arctic White  Bermuda  Brick Chip  Camel  Chamois  Crimson  Gingerbread  Graphite

Parchment  Port  Putty  Saddle  Sahara  Silver  Terracotta

NEUTRALS

Ash  Charcoal  Flint  Fossil  Glacier  Gunmetal  Midnight  Mineral

Mink  Mist  Oyster  Peppercorn  Shadow  Slate  Tundra

Due to the nature of natural aggregates, some variation is to be expected in color and texture. We recommend erecting a jobsite sample panel to show color and texture.
rustic face
RUSTIC FACE units feature a textured face generated by shotblasting the face of the unit surface, producing a weathered appearance.

Rustic Face units conform to ASTM C90 standard specification for loadbearing units and can also be used in veneer applications.

Perfect for interior applications, Rustic Face units provide a textural appearance that works well with other masonry finishes.

To view Rustic Face shapes and sizes, please turn to page 53.

COLORS

PREMIUM

Arctic White  Bermuda  Brick Chip  Camel  Chamois  Crimson  Gingerbread  Graphite

Parchment  Port  Putty  Saddle  Sahara  Silver  Terracotta

NEUTRALS

Ash  Charcoal  Flint  Fossil  Glacier  Gunmetal  Midnight  Mineral

Mink  Mist  Oyster  Peppercorn  Shadow  Slate  Tundra

Due to the nature of natural aggregates, some variation is to be expected in color and texture. We recommend erecting a jobsite sample panel to show color and texture.
Temple Stone shown in Buff
TEMPLE STONE® provides a modern interpretation of Jerusalem Limestone that articulates an aged appearance, while delivering the precision of modern manufacturing.

The unique finish is great for educational institutions, museums, lobbies, theme parks and municipal and recreational facilities.

- Available in all traditional CMU shapes & sizes
- Available in veneer or load-bearing units

To view Temple Stone shapes and sizes, please turn to page 53.
chiseled face
CHISELED FACE finish provides the random, hand-chiseled look of natural-cut limestone. Chiseled Face units can be used in a veneer or through-wall application, providing even more design flexibility. Great for knee walls, quoin corners, columns and piers, too.

To view Chiseled Face shapes and sizes, please turn to page 53.

Due to the nature of natural aggregates, some variation is to be expected in color and texture. We recommend erecting a jobsite sample panel to show color and texture.
split face

Giant Food Store | Hanover, PA
Split Face shown in Crimson & Arctic White
SPLIT FACE masonry units are a popular architectural finish as they offer a uniquely textured face where no two units are alike. This provides aesthetic depth to building design.

Our “premium” colors include more specialty aggregates, utilize bolder pigments and are typically made with white cement. You will find these same colors represented throughout all of our finishes.

Our “standard” colors feature a simplified mix design, which provides a more economical solution for your projects.

To view Split Face shapes and sizes, please turn to page 53.

Due to the nature of natural aggregates, some variation is to be expected in color and texture. We recommend erecting a jobsite sample panel to show color and texture.

Stocked split face colors and shapes are shown on the following page.
split face (con’t.)

split face stocking program

To assist on fast-track projects, we selected our most popular sizes and colors of split face CMU and stocked them for immediate delivery. This means no special order delays, no minimum quantities and no set-up charges. Our WORKRITE® Colored Masonry Cement is also stocked in Type S matching colors to make it a complete turnkey solution for your masonry needs.

stocked colors

Adobe  Arctic White  Charcoal  Cocoa  Corn Silk  Cream

Hershey Red  Mist  Nantucket Red  Sandstone  Slate  Sunset

Due to the nature of natural aggregates, some variation is to be expected in color and texture. We recommend erecting a jobsite sample panel to show color and texture.

stocked shapes

4x8x16 Stretcher  8x8x16 Stretcher  12x8x16 Stretcher

8x8x16 Universal Corner (Use for any depth corners.)

8x8x16 Knock-Out Bond Beam  12x8x16 Knock-Out Bond Beam

6x4x16 Solid Sill
special shapes/sizes...

- structural brick
- ashlar units
- oversized cmu

www.yorkbuilding.com
master-brik®
structural concrete brick

Sleep Number Store | Lancaster, PA
MASTER-BRIK® shown in Port Blend
MASTER-BRIK® single-wythe brick units provide all of the beauty of clay brick with the strength, durability and design versatility of modern concrete masonry units.

Single-wythe construction allows for faster installation, keeping project construction and trade labor costs to a minimum.

MASTER-BRIK® is available in four “kiln-flashed” colors, or choose from our Standard or Premium series of solid colors. Matching mortars are available for all color options.

To view MASTER-BRIK® shapes and sizes, please turn to page 55.
tudor stone™
veneer ashlar masonry

Siena College Residence Hall | Loudonville, NY
Tudor Stone™ shown in Charcoal

Fort Hunter Fire Dept. | Schenectady, NY
Tudor Stone™ shown in Cream
TUDOR STONE™ veneer masonry units provide the look of weather-worn hand-cut stone. Designed as a 4-piece system, you can mix and match units to fit your specific design needs—each shape is palletized and sold separately.

With four different sizes, the range of patterns is virtually unlimited. Available in tumbled, split or chiseled face options.

To view Tudor Stone shapes and sizes, please turn to page 55.

### ashlar pattern examples

**pattern: ESTATE**

**Example specification for 1000sf wall**

- 4x4x16: 44% (approx. 4 pallets)
- 4x8x8: 34% (approx. 3 pallets)
- 4x8x16: 22% (approx. 3 pallets)

**pattern: CHATEAU**

**Example specification for 1000sf wall**

- 4x4x16: 39% (approx. 4 pallets)
- 4x4x8: 39% (approx. 4 pallets)
- 4x8x16: 22% (approx. 2 pallets)

**pattern: CORRIDOR**

**Example specification for 1000sf wall**

- 4x4x16: 43% (approx. 4 pallets)
- 4x8x8: 30% (approx. 3 pallets)
- 4x8x16: 27% (approx. 3 pallets)

**pattern: OFFSET PLANK**

**Example specification for 1000sf wall**

- 4x4x16: 50% (approx. 5 pallets)
- 4x8x16: 50% (approx. 5 pallets)

**pattern: LATTICE**

**Example specification for 1000sf wall**

- 4x4x16: 50% (approx. 5 pallets)
- 4x8x16: 50% (approx. 5 pallets)

### COLORS

Adobe
Hershey Red
Arctic White
Mist
Charcoal
Nantucket Red
Cocoa
Sandstone
Corn Silk
Slate
Cream
Sunset

Due to the nature of natural aggregates, some variation is to be expected in color and texture. We recommend erecting a jobsite sample panel to show color and texture.

**pallet specs**

4x4x8: 96sf | 4x8x16: 96sf
4x4x16: 104sf | 4x8x8: 96sf

www.yorkbuilding.com
For projects where a larger-scale masonry unit is needed, we offer our TITAN SERIES® veneer units. Designed specifically to meet those large-scale needs, Titan Series units are useful for constructing columns and piers and providing a stout accent detail.

Titan Series units are available in Gemstone®, Gemstone Plus®, and Rustic Face finishes. Units can be manufactured with chamfers.

To view shapes and sizes, please turn to page 55.
special applications...

- concrete lintels
- cleanroom units
- insulated units
- acoustic units
- colored cements for masonry
concrete lintels

SOLID LINTELS. With over 60 years of manufacturing experience, we’ve developed a reputation for tight lintel tolerances. Available in a full range of sizes, solid lintels are stocked in 4x8, 6x8 and 8x8 sizes, and in lengths from 2 feet to 12 feet.

U-LINTELS. Available in 6x8, 8x8, 10x8 and 12x8 up to 12-foot lengths. U-shaped lintels have pre-molded notches to allow for vertical rebar.

U-LINTEL BENEFITS

LABOR SAVINGS – Simply set the U-Lintel in place, rebar and grout, and continue laying the next course. No need to square-up multiple wythes of bond beams.

TIME SAVINGS – Since one U-Lintel is placed in lieu of multiple bond beams, significant time can be saved.

FLEXIBILITY – Provides many variations in reinforcing within the U-Lintel, allowing for differently-sized rebar, depending on the project needs.

ELIMINATE STRUCTURAL STEEL LINTELS – Typical problems associated with structural steel lintels such as lengthy fabrication lead times, corrosion, lack of fire resiliency and differential movement at the supports are eliminated by using concrete U-Lintels.

cleanroom units

CLEAN-COAT™ CMU. Manufactured with a special mix design to deliver a tighter face matrix, these units are ideal in cleanroom environments (for specialized industrial production or scientific research), where a less porous face texture is required.
insulated units

For projects where a higher R-value is desired, pre-insulated CMU offer several solutions for energy efficiency. All units are available in standard concrete or architectural colors. More details can be found at www.yorkbuilding.com.

STANDARD CMU WITH KORFIL® INSERTS
We insert insulation into the cores of CMU, so the units are delivered ready to lay. Available in 6”, 8”, 10” and 12” bed depths.

HI-R® INSULATED BLOCK
Hi-R® is a specially-designed CMU with smaller webs to reduce thermal bridging and contains individually molded insulation inserts. This unit achieves higher R-values than standard CMU insulation. Available in 8”, 10” and 12” bed depths.

acoustic units

SOUNDBLOX® delivers excellent sound absorption from unique cavity-slot resonator construction. The funnel shaped slots provide superior acoustical performance. Using a metal septum and fibrous filler in the cavity, this CMU works to provide higher levels of sound absorption across a wider range of frequencies. (Units are available in smooth face or Gemstone® finishes.)

SOUNDBLOX®

SOUNDBLOX® Unit

SOUNDBLOX® and ACOUSTADE® units utilize a deeply-beveled face, and is designed to capture and hold sound waves while giving visual texture to walls.

These units improve the quality and nature of sound by providing desirable diffusion with their innovative grid and impressed form. (Units are available in smooth face finish only.)

DIFFUSORBLOX® units offer a distinctive appearance, extended low frequency absorption, sound isolation and sound diffusive reflection control, making it the most cost-effective acoustical CMU in the industry. (Units are available in smooth face finish only.)

DIFFUSORBLOX®

DIFFUSORBLOX®

DIFFUSORBLOX® Unit

www.yorkbuilding.com
Our WORKRITE® colored cements are blended using Portland cement, limestone, synthetic iron oxides and other materials to produce a vast spectrum of colors in various cement types—depending upon your specific project needs.

Our colored cements are blended with the utmost care to ensure colorfastness while continuing to exceed ASTM requirements. Our cements are packaged in multi-layered bags for added security.

We produce our 60-color palette in Masonry Cement, Mortar Cement and Portland Cement & Lime blend.
workrite® colors

<table>
<thead>
<tr>
<th>Color</th>
<th>Color</th>
<th>Color</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHESTNUT</td>
<td>BLUSH</td>
<td>BISQUE</td>
<td>PEBBLE</td>
</tr>
<tr>
<td>RAW UMBER</td>
<td>SALZBURG</td>
<td>CURRY</td>
<td>SUEDE</td>
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<tr>
<td>ESPRESSO</td>
<td>TERRACOTTA</td>
<td>PATAGONIA</td>
<td>MUSHROOM</td>
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<tr>
<td>APPALACHIAN</td>
<td>AMBER</td>
<td>SAWGRASS</td>
<td>BIRCH</td>
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<tr>
<td>TIMBER</td>
<td>FALLOW</td>
<td>SAGE</td>
<td>RIVERSTONE</td>
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<tr>
<td>COCOA</td>
<td>TAUPE</td>
<td>WHEAT</td>
<td>SAND</td>
</tr>
<tr>
<td>PORT</td>
<td>CINDER</td>
<td>OLIVE</td>
<td>CHAMPAGNE</td>
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<tr>
<td>REDWOOD</td>
<td>MARBLE</td>
<td>BUCKSKIN</td>
<td>ALMOND</td>
</tr>
<tr>
<td>MAHOGANY</td>
<td>PRAIRIE</td>
<td>OLDE COLONY</td>
<td>ARCTIC WHITE</td>
</tr>
<tr>
<td>MEDITERRANEAN</td>
<td>SAWDUST</td>
<td>MALT</td>
<td>SLATE</td>
</tr>
<tr>
<td>CANYON</td>
<td>DRIFTWOOD</td>
<td>RIDGE</td>
<td>GLACIER</td>
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<tr>
<td>AUTUMN</td>
<td>SHELL</td>
<td>MERINO</td>
<td>GRAVEL</td>
</tr>
<tr>
<td>BURNT SIENNA</td>
<td>THISTLE</td>
<td>GRAIN</td>
<td>PEWTER</td>
</tr>
<tr>
<td>SUNSET</td>
<td>MORNING MIST</td>
<td>CLAY</td>
<td>SMOKE</td>
</tr>
<tr>
<td>MAUVE</td>
<td>ACORN</td>
<td>CANVAS</td>
<td>GRAPHITE</td>
</tr>
</tbody>
</table>

Custom colors can be produced to match new or existing masonry units, and are formulated on request.

www.yorkbuilding.com
## Masonry Cements

- **Masonry Cements**
- **Mortar Cements**
- **Tuckpoint Mortar**
- **PC/L Blends**
- **Portland Type 1**

<table>
<thead>
<tr>
<th>Masonry Cements</th>
<th>Mortar Cements</th>
<th>Tuckpoint Mortar</th>
<th>PC/L Blends</th>
<th>Portland Type 1</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Masonry Cements" /></td>
<td><img src="image2" alt="Mortar Cements" /></td>
<td><img src="image3" alt="Tuckpoint Mortar" /></td>
<td><img src="image4" alt="PC/L Blends" /></td>
<td><img src="image5" alt="Portland Type 1" /></td>
</tr>
</tbody>
</table>

### University of Richmond - Queally Center
Richmond, VA
Mortar Color shown in Birch
formulations

TYPE M*: Our strongest mix, used in instances where additional compressive strengths are required.
TYPE S: A common mix, can be used above or below grade.
TYPE N: For above-grade construction only, it is recommended for exterior brick and block veneers.
TYPE O: A special mix design formulated for tuckpoint needs such as historic restorations.

packaging

<table>
<thead>
<tr>
<th>Cement Product</th>
<th>Type M*</th>
<th>Type S</th>
<th>Type N</th>
<th>Type O</th>
<th>Type 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colored Masonry Cement</td>
<td>80 lbs.</td>
<td>75 lbs.</td>
<td>70 lbs.</td>
<td></td>
<td>70 lbs.</td>
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<tr>
<td></td>
<td>36 kg</td>
<td>34 kg</td>
<td>32 kg</td>
<td></td>
<td>32 kg</td>
</tr>
<tr>
<td>Gray / Colored Mortar Cement</td>
<td>70 lbs.</td>
<td>65 lbs.</td>
<td>60 lbs.</td>
<td></td>
<td>72 lbs.</td>
</tr>
<tr>
<td></td>
<td>32 kg</td>
<td>29.5 kg</td>
<td>27.2 kg</td>
<td></td>
<td>32.7 kg</td>
</tr>
<tr>
<td>Gray / Colored Tuckpoint Mortar</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>72 lbs.</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>32.7 kg</td>
</tr>
<tr>
<td>Gray / Colored PC&amp;L</td>
<td>72 lbs.</td>
<td>72 lbs.</td>
<td>72 lbs.</td>
<td></td>
<td>72 lbs.</td>
</tr>
<tr>
<td></td>
<td>32.7 kg</td>
<td>32.7 kg</td>
<td>32.7 kg</td>
<td></td>
<td>32.7 kg</td>
</tr>
<tr>
<td>Gray Portland Cement Type 1</td>
<td></td>
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<td></td>
<td>94 lbs.</td>
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<td></td>
<td>42.6 kg</td>
</tr>
</tbody>
</table>

* Type M cements are available by custom-order only.

Gray and colored Mortar Cements are formulated with Easy-Spred admixture as a code-recognized lime replacement.

samples & certification

Sample bags for pre-construction test panels can be obtained by contacting a local masonry supply dealer or your WORKRITE® sales representative. Mill Test Reports and Certification Letters are available for download at www.workrite-cements.com. Our free 60-color sample kit can be ordered via email at sales@workrite-cements.com or by calling 800.673.2408.
specification guides...

- construction details
- masonry specifications
- four-step specification guide
- masonry protective coatings
- design assistance
construction details

corner assembly

8 inch Corner Assembly
Using L-Corner Unit

16 x 16 Pier
Using 4 x 8 x 12 Split Face Quion Corners

pier/column assembly

Corner Assembly
12 inch Half-High Using a 4 x 4 x 12 Solid Corner Unit

24 x 24 Pier Column Assembly
Using 8 x 8 x 16 Universal Corners

12 inch Corner Assembly
Using a 6 x 6 x 18 Universal Corner Unit

24 x 24 inch Pier Column Assembly
Using 8 inch L-Corner Unit

www.yorkbuilding.com
masonry specifications

PART 1—GENERAL

SUBMITTAL
Submit color samples for selection from manufacturer’s series. Submit product literature, certifications, test reports and full size sample(s) of each color specified.

QUALITY ASSURANCE
Certifications (Non-Ground Face Products):
Concrete blocks for finishing shall conform to ASTM C90. The provisions of ASTM C90 apply with regard to appearance. All units contain an integral water repellent and CMU admixture at the time of manufacture.

Certifications (Ground Face Products: Gemstone®, Gemstone Plus®, Temple Stone®): Concrete blocks for finishing shall conform to ASTM C90. The provisions of ASTM C90 apply with regard to appearance. All units contain an integral water repellent and CMU admixture at the time of manufacture. Field-applied Gemcoat™ sealer is recommended for all ground face projects.

Fire Resistance: Define hourly ratings required as 1, 2, 3 or 4 hours.

Field-Constructed Mock-Ups: Construct a sample panel, no less than 4’ x 4’, of units of each color & size to be used in the project.

DELIVERY, STORAGE AND HANDLING
Masonry units shall be delivered to the jobsite on covered banded pallets. Store pallets in single stacks on level ground and cover with waterproof covering (e.g., tarpaulins) to protect the blocks from inclement weather. Handle blocks carefully to avoid breakage and damage to the finished surfaces.

PROJECT/SITE CONDITIONS
Protection of Work: Cover tops of walls each day after installation to keep open walls protected and dry. After units are installed they should be protected from staining or other damage by covering the bottom of the walls with plastic.

PART 2—PRODUCTS

PRODUCT NAME
Architectural Concrete Masonry Units (All Finishes)

MANUFACTURER
York Building Products | 950 Smile Way, York, PA 17404 | 800.673.2408

RELATED MATERIALS
Colored matching or contrasting mortar is available from WORKRITE®. Refer to Division 4 Masonry Section for mortar type and specifications. In all exterior mortar, use water-repellent mortar additive available from York Building Products and follow manufacturer’s instructions.

SIZES AND SHAPES
Nominal 2", 4", 6", 8", 10" and 12" standard block thicknesses are available, as well as all standard block shapes. High-strength units for special structural requirements are also available.

MASONRY CLEANERS
Use appropriate masonry cleaners for all finishes. Follow manufacturer’s instructions for proper mixing and application. Do not apply cleaner with pressure spray above 50 psi. CAUTION! Never use muriatic acid solution on units.

PART 3—EXECUTION

INSTALLATION
Lay blocks from more than one pallet at a time during installation. Lay units using the best concrete masonry practices. Lay blocks with the faces level, plumb and true to the line strung horizontally at the face. Complete masonry construction using procedures and workmanship consistent with the best masonry practices.

Cutting: Make all unit cuts, including those for bonding, holes, boxes, etc., with motor-driven masonry saws, using an abrasive blade. Cut neatly and locate for best appearance.

Mortar Bedding and Jointing:
• Lay units with full mortar coverage on head and bed joints, taking care not to block cores to be grouted or filled with masonry insulation.
• Tool all mortar joints - when thumbprint hard - into a concave or v-joint.
• Care should be taken to remove mortar from the face of masonry units before it sets.

INSTALLATION RECOMMENDATIONS
• A complementary or matching mortar color is recommended when using colored architectural units.
• Always test a small, inconspicuous area before using cleaners. Do not use acids or abrasives on finished surfaces.

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. See NCMA Tek 19-5A.

WEEPS AND VENTS
Install weep holes and vents at proper intervals (32” O.C. above bed joints, typical) at courses above grade, above flashing and at any water stops over windows, doors and beams. See NCMA Tek 19-5.

INSPECTION
The textured or ground faces shall be free from chips, cracks or any other imperfection that would detract from the overall appearance of the finished wall when viewed from a distance of twenty (20) feet at right angles to the wall with normal lighting.

CLEANING
Keep walls clean daily during installation using brushes. Do not allow excess mortar lumps or smears to harden on the finished surfaces. Harsh cleaning methods after walls have been erected may mar block surface. To ensure proper appearance for your projects, please add the following comment to your documents where Gemstone®, Gemstone Plus® and Temple Stone® products have been specified: “Gemcoat™ ground face masonry sealer must be applied after final wash down of masonry walls.”

FINAL CLEANDOWN
Clean the completed walls with masonry cleaner APPROPRIATE FOR THE FINISH, strictly following the manufacturer’s instructions including thorough rinsing. Do not use acid or abrasives on the finished surfaces. Failure to strictly follow manufacturer’s instructions can result in permanent damage to the finished faces.

MAINTENANCE
Properly installed and cleaned architectural masonry units need virtually no maintenance other than routine cleaning with standard commercial grade cleaning agents.
four-step specification guide

Use our simple “Product Specification Codes” when specifying our masonry products. By using these codes, performing take-offs and product ordering by masons is more accurate.

Our **Product Specification Code** system is based upon four elements:

1. Product Color
2. Base Code (the basic unit designation, incorporating the unit size and shape)
3. Edge Code (for bullnose or chamfer edges, if desired)
4. Attribute Code (for details like insulation, scores, finished ends, etc.)

By adding these elements together, you produce the final Product Specification Code to use in your specification documents. Following is an example Product Specification Code with all digits complete for an 8x8x16 Gemstone Plus® unit in Chamois with finished face and right end, Korfil insulation and chamfered edge:

**Chamois – 8816H – GSP – C1 – FE-R-X-2-X**

<table>
<thead>
<tr>
<th>PRODUCT COLOR</th>
<th>BASE CODE</th>
<th>EDGE CODE</th>
<th>ATTRIBUTE CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Select from product pages)</td>
<td>(Supplied on pages 53-55)</td>
<td>(Supplied on page 56)</td>
<td>(Supplied on page 57)</td>
</tr>
</tbody>
</table>

**STEP 1: CHOOSE PRODUCT COLOR**

Select the Product Color for the finishes you desire. Choose any product color(s) to start your Product Specification Code.

Color swatches are available on each product finish page in the front of this catalog. In addition, you can request a sample kit to see actual color samples.
**STEP 2: ADD THE UNIT “BASE CODE”**

Each CMU is assigned a simple Base Code. Use this code directly after the Product Color (separated with a dash).

### Chamois

- **PRODUCT COLOR**: Select from product pages
- **BASE CODE**: (Supplied on pages 53-55)
- **EDGE CODE**: (Supplied on page 56)
- **ATTRIBUTE CODE**: (Supplied on page 57)

#### Hollow Stretcher

<table>
<thead>
<tr>
<th>Nom. Size</th>
<th>Gemstone Plus</th>
<th>Gemstone</th>
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#### Universal Corner

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#### Hi-R® Insulated Unit

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**Note:** Use this single unit for any bed depth split face or chiseled face corners. Can be easily converted into a 4x6x16 L-Corner at the job site.
# four-step specification guide

## Base Codes By Finish

### Half Block

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### Half-High

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### Closed-Bottom Bond Beam

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### Open-Bottom Bond Beam

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## Tudor Stone™

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Note: Tudor Stone™ is sold by the square foot, as it is a multi-piece ashlar system. Simply use the Base Code for the finish you prefer and specify the total square footage needed.

## Titan Series® Oversized Unit

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<thead>
<tr>
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Note: The charts in this specification guide show our most commonly-used shapes and sizes. Please consult your York Building Products representative with any additional shape or size needs.
Select a code for various bullnose or chamfered edges. Use this code directly after the Base Code (separated with a dash). If you are not choosing an edge for your units, simply mark an “X” in this code area.

Standard bullnose: 1” radius. Standard chamfer: 1”x1”. (For custom bullnose/chamfer, see a YBP representative.)
four-step specification guide

## STEP 4: ADD THE “ATTRIBUTE CODE” DIGITS

After you have chosen your Product Color, specified your Base Code (separated with a dash) and added your Edge Code if applicable (separated with a dash), complete your Product Specification Code by adding the following Attribute Codes. If you don’t need any of these additional elements, simply place an “X” in its place to complete the final Product Specification Code (see below).

<table>
<thead>
<tr>
<th>Attribute Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 = ICON</td>
<td></td>
</tr>
<tr>
<td>2 = Korfil U</td>
<td></td>
</tr>
<tr>
<td>3 = Hi-R</td>
<td></td>
</tr>
<tr>
<td>4 = NRG</td>
<td></td>
</tr>
<tr>
<td>X = None</td>
<td></td>
</tr>
<tr>
<td>&lt;INSERT DASH&gt;</td>
<td></td>
</tr>
</tbody>
</table>

### 1. Select Unit Finish Treatment
- F = Finished face
- 2F = 2x finished faces
- E = Finished end
- 2E = 2x finished ends
- T = Finished top
- B = Finished bottom
- X = None

### 2. Select Return Unit
- R = Right hand
- L = Left hand
- X = None

### 3. Select Score Details
- V = Vertical
- V2 = 2x vertical scores
- H = Horizontal
- H2 = 2x horizontal scores
- X = None

### 4. Select Insulation Attributes
- 1 = ICON
- 2 = Korfil U
- 3 = Hi-R
- 4 = NRG
- X = None

### 5. Tudor Stone Pattern
- 1 = Pattern “ESTATE”
- 2 = Pattern “CHATEAU”
- 3 = Pattern “CORRIDOR”
- 4 = Pattern “OFFSET PLANK”
- 5 = Pattern “LATTICE”
- X = None

Note: All units manufactured to normal weight density. Contact your YBP representative to specify another density classification.
masonry protective coatings

Building a masonry structure is a complex and costly investment. Protect that investment and maintain your building’s beauty for years to come with specialty protective coatings by York Building Products.

We jointly developed these coatings with a US-based chemical company to meet our customers’ exacting needs while protecting the integrity of our block colors and finish.

We back our coating products with a 7-year warranty.

Designed with environmental and human safety in mind, all coating products are environmentally friendly and low VOC.

When specifying our masonry products, please remember to specify the proper coatings by name to help ensure the life, integrity and beauty of your structure remains intact.

Product Data Sheets and test reports for all coating products are available for download at www.yorkbuilding.com.

GEMCOAT™

GEMCOAT™ is a liquid membrane water-resistant sealer made of a 100% acrylic polymer formulation which creates a full-gloss finish that protects and improves the appearance of architectural block. It enhances and deepens the beauty and color of the aggregates within the masonry unit. It is resistant to liquids, yet is vapor/air permeable. It provides excellent protection from elements, such as water, alkalis, acids, airborne pollutants and ultraviolet light, without losing the gloss finish.

GEMCOAT-WB™

A water-resistant sealer similar to our standard GEMCOAT™ sealer, but uses a water-based formula versus solvent-based.

Due to its water-based formulation, there is virtually no odor, making it the perfect application for sensitive environments like schools, hospitals and office buildings that may already be occupied.

GRAFFITI-CLEAN™

Whether your building is “tagged” by a graffiti artist or treated to innocent “artwork” by a student wielding crayons, you need fast results and a totally clean removal. GRAFFITI-CLEAN™ is an environmentally friendly cleaner that removes most paint, crayon, oil, permanent marker, varnish, glue, etc., from most CMU wall surfaces.

WATER-SHIELD™

WATER-SHIELD™ provides a long-term beading effect over a masonry surface, keeping moisture out of even the smallest pinholes. Apply WATER-SHIELD post-construction to give building envelopes (including mortar joints) additional moisture protection.

GEMCOAT MOLD-RESISTANT COATING ADDITIVE™

A coating additive for use with our GEMCOAT™ concrete sealers. When applied to concrete masonry units, this coating creates an anti-microbial film that will help inhibit the growth of bacteria, mold and mildew on the coating.

Solvent-based and water-based versions are available.
SAMPLE COLOR KITS
To assist with your color and finish specification. Please contact our architectural sales representatives at 800.673.2408 or email sales@yorkbuilding.com.

Color Kits:
- Split Face Standard
- Split Face Premium
- Split Face Stocked
- Rustic Face

AIA CONTINUING EDUCATION
York Building Products offers a variety of educational opportunities for designers. There is no program charge, and with your input on menu selection, York Building Products will provide the meal. To schedule a presentation, please contact us today.

The following AIA/CES courses are available. For more course detail, please visit our website.

- Accurate and Simplified Structural Design
- Acoustical Masonry Systems
- BIM - Model Driven Construction & Design for Masonry
- Captivating Aesthetics With Lasting Performance
- How To Control Cracks In New Buildings
- How To Keep Water Out For Sustainability and Performance
- Increasing Energy Efficiency
- Manufacturing and Construction Overview
- Selecting Masonry Cements

TECHNICAL INFORMATION
BIM - Revit® Design Files:
We provide Autodesk Revit® design files for our common unit shapes and sizes, including the family of finishes and colors by shape. They are free to download from our website through BIMobject®.

NCMA e-TEK:
The National Concrete Masonry Association (NCMA) publishes a series of technical bulletins related to current topics on masonry construction, design, materials and evaluations. e-TEK bulletins are typically 2–4 pages in length.

NCMA e-Details:
In addition, NCMA publishes over 220 technical details covering concrete masonry construction, using Annotated Design and Construction Details for Concrete Masonry. This may help reduce design and detailing time on your CMU projects. Both e-TEK and e-Details programs are accessible for free via our website at www.yorkbuilding.com.

LEAN ON US.
From the planning phase to final acceptance, we can help. We have experienced consultants who are ready to assist you in properly detailing and specifying our concrete masonry products.

Remember, the earlier you contact us, the more help we can offer. Involve us at the beginning of your project so you can achieve a more efficient specifying process and a higher quality end result.