BELDEN
THE BELDEN BRICK COMPANY

Concept Catalog

Featuring : Product Snapshots – Offerings and Selections

Face Brick

Stivers School for the Arts
Dayton OH
Jeff Wray Architects
Beacon Gray – Double Monarch
Canyon Full Range Velour – Monarch and Modular

Thin Brick

Clay Pavers

Special Shapes

The Standard of Comparison since 1885

www.beldenbrick.com

An ISO 9001 Compliant Quality Management System
An ISO 14001 Compliant Quality Management System

Extruded Brick

Face Brick

Owner - Pedcor Companies / Carmel, IN
Project - Indiana Design Center

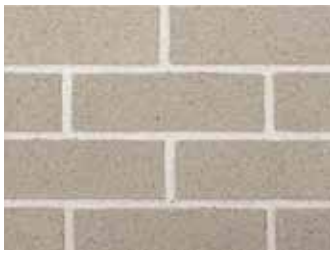
COLORS Belden currently makes face brick in over 300 colors that range from frosted whites to pinks to deep reds... burgundies... chocolates... buffs, grays and charcoal tones. Belden Brick color choices offer significant design latitude that is enhanced by intermixed brick and by firing techniques that produce further tonal variety within a given color range.

ALASKA WHITE VELOUR

481-483 VELOUR

POTOMAC CLEAR

LIGHTHOUSE GRAY VELOUR



661 VELOUR

671 SMOOTH

691-693

8520

920-926

BURBANK FULL RANGE

DUTCH GRAY MATTE

SEA GRAY VELOUR

(330) 456-0031 / beldenbrick.com

TEXTURES & SIZES Belden Brick is offered in textures that range from the sand mold finish of colonial times to rugged randomly textured styles... vertically grooved styles or silky finishes. Each texture can make its own distinctive contribution to the visual impact you seek. Belden Brick is regularly manufactured in sixteen different sizes. Representative dimensions and related information are provided on pages 10 and 11.

MAYO BLEND FULL RANGE

GRAYSTONE SMOOTH

SILVER SATIN

QUAKER BLEND VELOUR

TUMBLEWEED

461-463 SMOOTH

514

CONCORD BLEND

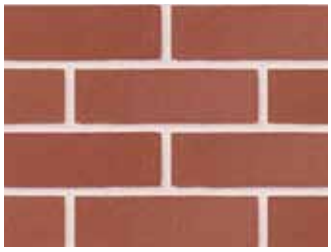
MARIGOLD BLEND

NEVADA BLEND

PAGO VELOUR

WHEATFIELD VELOUR

SANDY ROSE


503-505

BISMARK BLEND

BUCKINGHAM BLEND

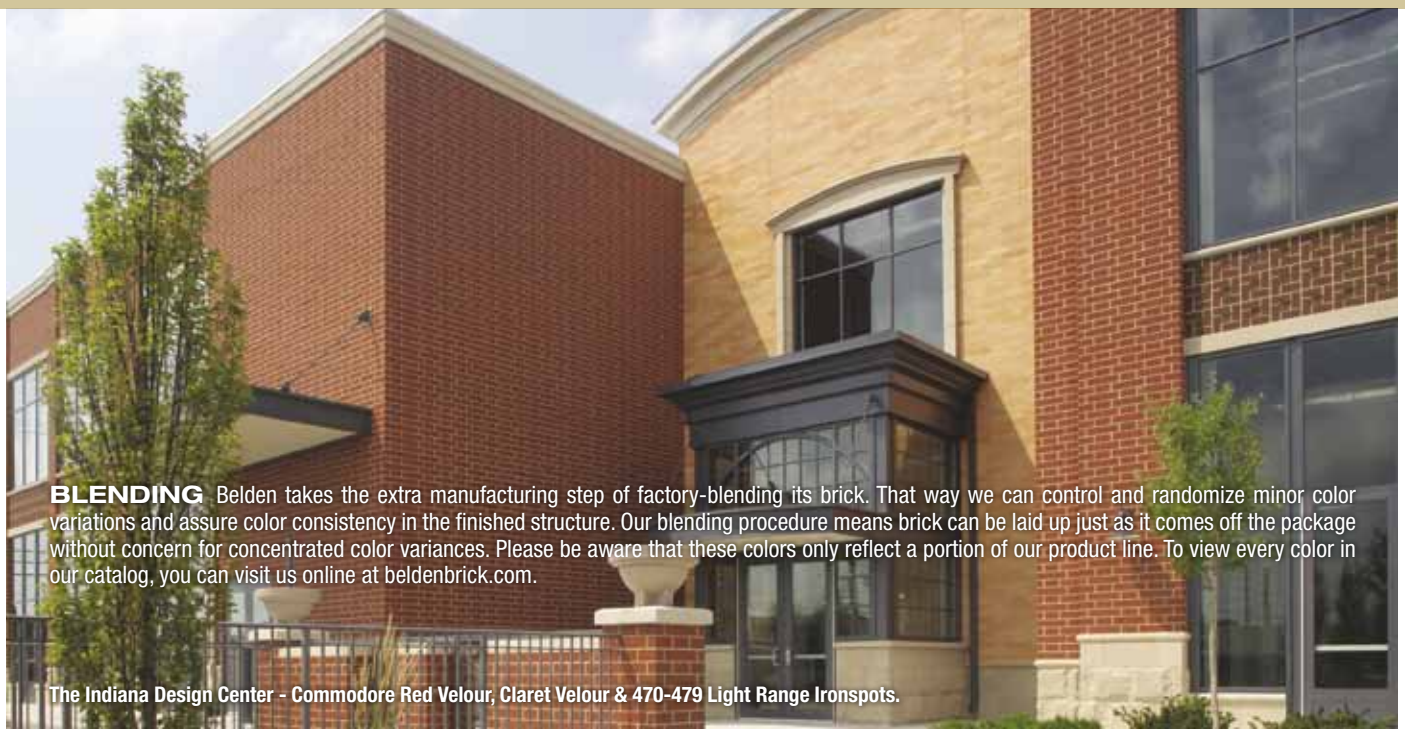
GARDEN BLEND

TULIP BLEND

ROYALTY RED

RUM RAISIN

We make brick in a broad range of colors and textures. Space does not permit showing all of them within this catalog. The following pages do offer a sampling of that range. To inspect the many other Belden Brick choices, please visit us online or call us for your nearest Belden Brick distributor. Because of printing limitations and lighting variances, the colors shown below may vary from the actual brick. We recommend requesting sample brick before making selections.



BLENDING Belden takes the extra manufacturing step of factory-blending its brick. That way we can control and randomize minor color variations and assure color consistency in the finished structure. Our blending procedure means brick can be laid up just as it comes off the package without concern for concentrated color variances. Please be aware that these colors only reflect a portion of our product line. To view every color in our catalog, you can visit us online at beldenbrick.com.

The Indiana Design Center - Commodore Red Velour, Claret Velour & 470-479 Light Range Ironspots.

TUDOR BLEND

470-479 LIGHT RANGE

470-479 MEDIUM RANGE

470-479 DARK RANGE

8621

BEAVER BLEND DART-TEX

BRANDYWINE VELOUR

MIDLAND BLEND

NAPIER BLEND

EBONY BLACK

ASHBERRY VELOUR

BLACK DIAMOND VELOUR

Molded Brick

POLAR WHITE CLEAR

ALAMO BLEND

MANCHESTER BLEND

ST. ANNE BLEND

ST. ANNE CLEAR

KINGSPORT

ROSEWOOD CLEAR

ROSEWOOD BLEND

GARNET BLEND

BELCREST 310

BELCREST 360

BELCREST 500

BELCREST 560

BELCREST 650

BELCREST 760

Big Brick

Louis Stokes VA Medical Center - Cares Tower,
Architect: Westlake Reed Leskosky
Cleveland, OH Nashville, TN
Product Size: Ambassador
Product Colors: Ashberry Velour

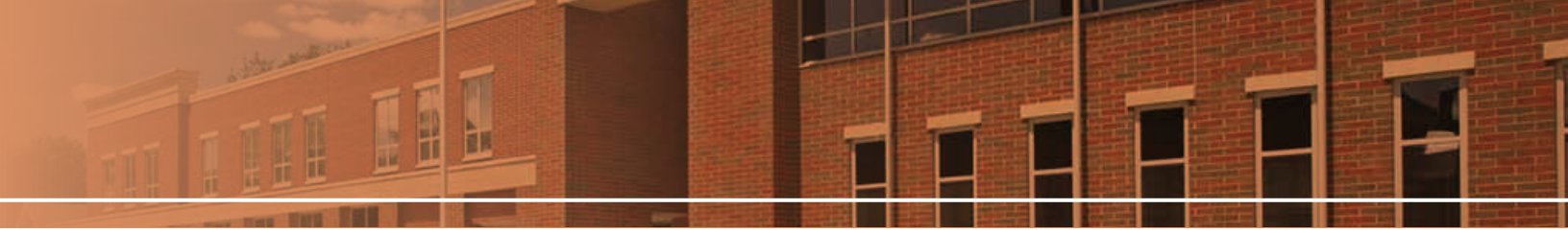
Ambassador
3-5/8" x 2-1/4" x 15-5/8"

Utility
3-5/8" x 3-5/8" x 11-5/8"

Double Utility
3-5/8" x 7-5/8" x 11-5/8"

Monarch
3-5/8" x 3-5/8" x 15-5/8"

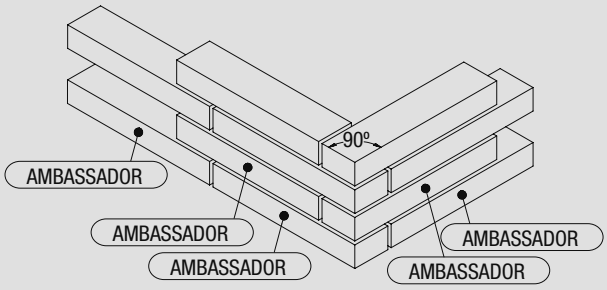
Double Monarch
3-5/8" x 7-5/8" x 15-5/8"



AMBASSADOR

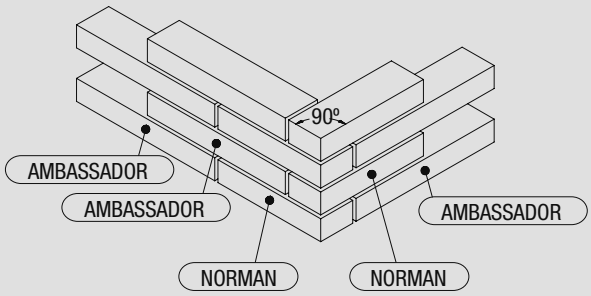
ONE-QUARTER BOND

ISOMETRIC VIEW



ONE-HALF BOND

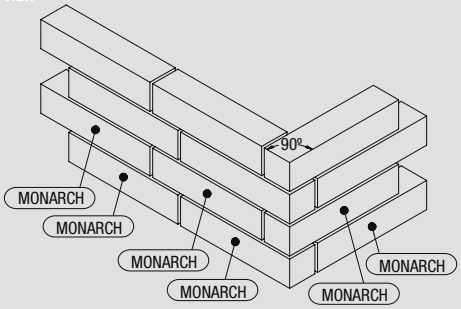
ISOMETRIC VIEW



MONARCH

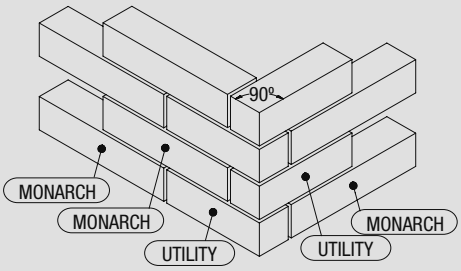
ONE-QUARTER BOND

ISOMETRIC VIEW



ONE-HALF BOND

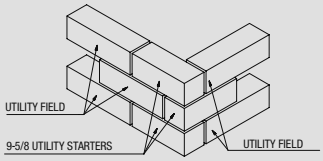
ISOMETRIC VIEW



UTILITY

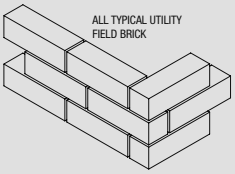
HALF BOND

ISOMETRIC VIEW



ONE-THIRD BOND

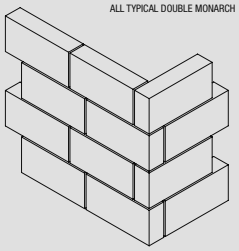
ISOMETRIC VIEW



DOUBLE MONARCH

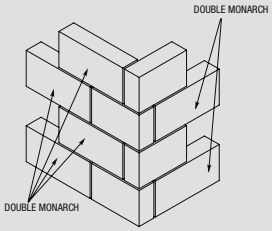
ONE-QUARTER BOND

ISOMETRIC VIEW



ONE-HALF BOND

ISOMETRIC VIEW



City Line Pavers

CITY LINE PAVERS are available with several options. You have your choice of square edges, chamfered edges and spacer lugs in this product series. Two different size options are also available. Standard size 2-1/4" thick x 4" width x 8" length or Jumbo size 2-3/4" thick x 4" width x 8" length and available in 8" x 8".

ADMIRAL FULL RANGE

ADMIRAL RED

CHESTNUT HILL FULL RANGE

CLARET FULL RANGE

CLARET

KODIAK BROWN

LIGHTHOUSE GRAY

LANDMARK GRAY

NUTMEG FULL RANGE

REGIMENTAL FULL RANGE

BLACK DIAMOND

SIENNA BLEND

REGIMENTAL RED

TUMBLEWEED

WHEATFIELD

ASHBERRY

CHAMFERED W/LUGS

CHAMFERED EDGE

STRAIGHT EDGE

ADA PAVER

SANDMOLD PAVER

Also Available in 8" x 8" PAVERS

Permeable Pavers

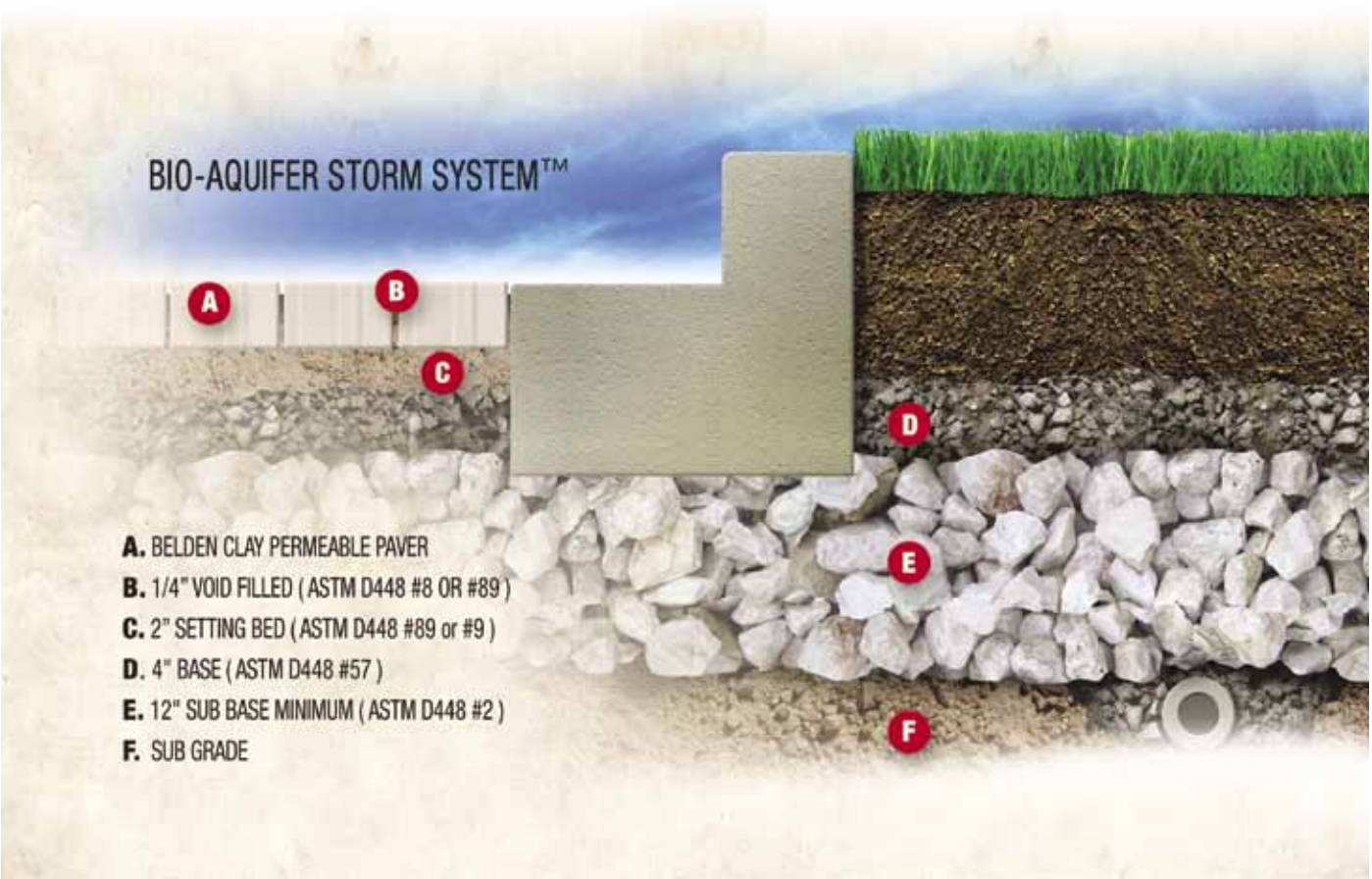
Available in 4" x 8"

REGIMENTAL FULL RANGE RED (BASKET)

REGIMENTAL RED (HERRINGBONE)

WHEATFIELD (RUNNING)

Belden Permeable Pavers are available in the same colors as City Line with the exception of Ashberry and Black Diamond



Belcrest/Beehive Pavers

BELCREST are available in Modular size,
2-1/4" thick x 3-5/8" width x 7-5/8" length.

BELCREST PAVERS

BELCREST 100

BELCREST 350

BELCREST 500

BELCREST 560

BELCREST 730

BELCREST 760

BEEHIVE PAVERS

PAWNEE PAVER

BEEHIVE Pavers are available in 3 sizes: 2 ¼" thickness x 4" width x 8" length 2 ¼ x 4 x 12 and 2 ¼ x 8 x 8.

PAWNEE RED

MADRID * (2 ¼ x 4 x 8 only)

EBONY

470-479 DARK

Private residence – Belcrest 560 Pavers

Crestline Pavers

Jumbo Alamo Blend & Outerbanks Pavers

CRANBERRY

CRABAPPLE

REMBRANDT

CRESTLINE SERIES PAVERS
meet ASTM C902 and are available with our
DUTCH CHAMFERED EDGE only.

SANDHILLS

OUTERBANKS

SALMON RUN

Available in two sizes:
2-1/4" x 4" x 8"
or 2-3/4" x 4" x 8"

CORAL REEF

GEORGIAN

VICTORIAN

Shapes

THROUGH THE YEARS, Belden Brick has developed hundreds of customized shapes to meet specific design requirements. We stand ready to work with you in developing whatever additional special shapes you need for your particular design requirements. **CUSTOM SHAPES** If the special shape you need is not one we've previously made, be assured that our customizing department will be happy to work with you in developing it for you. For details, visit beldenbrick.com or call us at 330-456-0031. **BRICK SCULPTURE** Three-dimensional murals or decorative sculptured accent panels using brick can make particularly dramatic and enduring statements. Call on our experience with brick sculpture as part of your planning.

90° SOLDIER CORNER (SQUARE)

135° EXTERNAL SOLDIER CORNER

90° ROWLOCK CORNER

2 COURSE WATERTABLE ROWLOCK

BULLNOSE ROWLOCK MODULAR

ACCENT SOLDIER, INTERNAL/EXTERNAL CORNER

WATERTABLE ROWLOCK

BULLNOSE STEP TREAD CORNER

BULLNOSE STRETCHER

135° EXTERNAL WATERTABLE CORNER

135° INTERNAL CORNER UTILITY

BULLNOSE STEP TREAD

12" COPING CAP

135° EXTERNAL CORNER W/ FALSE JOINT

BULLNOSE STEP TREAD

1" RADIUS BULLNOSE ROWLOCK

COVE ROWLOCK

DOUBLE RADIUS STRETCHER

FULL BULLNOSE STRETCHER

WATERTABLE ROWLOCK
& INTERNAL CORNER

Zionsville West Middle School - Kingsport Hotzone Utility & 8531 Velour (Special Shape).

HINGE BRICK

NOTCHED STRETCHER

RABBETTED LIP STRETCHER CORNER

WATERTABLE ROWLOCK (UTILITY)

UTILITY LIP STRETCHER

SLOPED SILL QUAD

SLOPED SOLDIER

WATERTABLE STRETCHER

WALLCAP END CLOSURE

WATERTABLE EXTERNAL & INTERNAL CORNERS

WATERTABLE HEADER

WATERTABLE ROWLOCK EXTERNAL CORNER

Thin Brick

Thin Brick meet ASTM C1088 standard specification for Thin Veneer Brick Units made from clay or shale. In this specification, the term thin veneer brick shall be understood to mean clay masonry unit with a maximum thickness of 1-3/4".

Busch Stadium, St. Louis, MO - Cherry Velour

Grade Exterior

Belden Brick manufactures thin brick to meet Grade Exterior with a weathering index of SW.

Types

Type TBS (Standard) – Thin veneer brick for general use in masonry.

Type TBX (Select) – Thin veneer brick for use in general masonry where a higher degree of precision and lower permissible variation in size than permitted for Type TBS is required.

Type TBA (Architectural) – Thin veneer brick for general use in masonry selected to produce characteristic architectural effects resulting from nonuniformity in size and texture of the individual units.

Thin Brick Products

Extruded Brick Units

- Manufactured to meet Type TBX. Available in 5/8" to 3/4" Flat Back Units and 3/4" only for Dovetail units. Dovetail units have 5/8" shell thickness plus 1/8" dovetail = 3/4" overall thickness.
- Capabilities to manufacture units up to 4" in height and 12" in length. Includes sizes ranging from Modular (2-1/4" x 7-5/8") to Utility (3-5/8" x 11-5/8").

Molded Brick Units

- Manufactured to meet Type TBA and available in 3/4" Flat Back Units only.
- Plant 3 – Antique Colonials
  – Modular (2-1/4" x 7-5/8")
  – Jumbo Standard (2-5/8" x 8")
- Plant 8 – Belcrest
  – Modular (2-1/4" x 7-5/8")
- Thickness – 3/4"

Precast Requirements

- Waxing of Unit Faces available for Stretchers and Corners.
- Grinding of Units also available for length and height.
- Dimensional tolerances of plus 0 / Minus 1/16".

GUIDE TO BRICK DIMENSIONS DATA

WALL COST PER SQUARE FOOT ESTIMATING TABLE

BRICK UNIT	APPROXIMATE WEIGHT	SIZE & INCHES (BD x H x L)	FACE M.B.E	UNITS PER SQ. FT. WALL (inc. 3/8" Joint)	SIZE (MM)	ESTIMATED COST OF BRICK UNITS PER SQUARE FOOT	ESTIMATED COST OF LABOR & OTHER MATERIAL PER SQUARE FOOT	TOTAL ESTIMATED COST PER SQUARE FOOT
MODULAR	4.3#	3-5/8" x 2-1/4" x 7-5/8"	1.00	6.86	92 x 57 x 194			
STANDARD	4.5#	3-5/8" x 2-1/4" x 8"	1.05	6.55	92 x 57 x 203			
JUMBO MODULAR	5.1#	3-5/8" x 2-3/4" x 7-5/8"	1.22	5.76	92 x 70 x 194			
QUEEN	5.6#	3-1/8" x 2-3/4" x 9-5/8"	1.54	4.61	79 x 70 x 244			
NORMAN	6.3#	3-5/8" x 2-1/4" x 11-5/8"	1.52	4.57	92 x 57 x 295			
SLIM JUMBO NORMAN	7.2#	3-1/8" x 2-3/4" x 11-5/8"	1.86	3.84	79 x 70 x 295			
JUMBO NORMAN	7.8#	3-5/8" x 2-3/4" x 11-5/8"	1.86	3.84	92 x 70 x 295			
ECONOMO MODULAR	6.6#	3-5/8" x 3-5/8" x 7-5/8"	1.61	4.50	92 x 92 x 194			
UTILITY	10.5#	3-5/8" x 3-5/8" x 11-5/8"	2.46	3.00	92 x 92 x 295			
QUAD	13.5#	3-5/8" x 7-5/8" x 7-5/8"	3.39	2.25	92 x 194 x 194			
THRUWALL 5-5/8"	13.5#	5-5/8" x 3-5/8" x 11-5/8"	2.46	3.00	143 x 92 x 295			
THRUWALL 7-5/8"	20.0#	7-5/8" x 3-5/8" x 11-5/8"	2.46	3.00	194 x 92 x 295			
MONARCH	13.5#	3-5/8" x 3-5/8" x 15-5/8"	3.30	2.25	92 x 92 x 397			
MODULAR (MOLDED)	4.9#	3-5/8" x 2-1/4" x 7-5/8"	1	6.86	92 x 57 x 194			
JUMBO (MOLDED)	5.9#	3-5/8" x 2-5/8" x 8"	1.28	5.50	92 x 67 x 203			
AMBASSADOR	8.4#	3-5/8" x 2-1/4" x 15-5/8"	2.05	3.43	92 x 57 x 397			
DOUBLE UTILITY	21.0#	3-5/8" x 7-5/8" x 11-5/8"	5.17	1.50	92 x 194 x 295			
DOUBLE MONARCH	29.0#	3-5/8" x 7-5/8" x 15-5/8"	6.94	1.13	92 x 194 x 397			
ROMAN	4.7#	3-5/8" x 1-5/8" x 11-5/8"	1.10	6.00	92 x 41 x 295			

TECHNICAL SUPPORT AND CONSULTATION

Our staff is available at all times to answer technical questions or consult with you on any aspect of your interest in brick. Call any one of our authorized distributors or call Jim Tann at our main office: (330) 456-0031.

GUIDE TO SPECIFYING DIVISION 4 SECTION 04210

PART II PRODUCTS

2.01 BRICK

A. Facing Brick: All brick specified and shown on drawing shall be (product name) _____ as manufactured by The Belden Brick Company, Canton, Ohio.

1. ASTM C-216 _____, Grade SW, Type _____
2. Dimensions _____ X _____ X _____
3. Provide brick similar in texture, color and all physical properties to those available for inspection at the Architect/Engineer's office and/or as supplied on the approved sample panel.
4. Other Requirements (Optional)
   a. Shapes: All special shapes are to be used per architectural detail(s) #_____ as supplied to The Belden Brick Company.
   b.1 Minimum compressive strength _____psi (if greater than 3,000 psi)
   c.2 Maximum IRA_____ g/min/30 sq.in.

B. Mortar: Conventional mortar shall conform with ASTM C-270 under the guidelines provided in BIA Technical Notes, Series 8.

PART III EXECUTION

A. Bonding: Lay masonry in _____bond pattern as indicated. Reference BIA Technical Note #30 for further recommendations.

B. Tooling: Tooling shall conform to the guidelines provided in BIA Technical Notes #7B.

C. Cleaning: Cleaning shall be as per guidelines in BIA Technical Note #20.

All cleaning practices and product use shall also be in accordance with cleaning agent manufacturers printed instructions.

NOTES TO SPECIFIER:

ASTM DESIGNATION C-216 (with the last number being the year of the last update). All A grade Belden Brick complies with ASTM C-216, grade SW (severe weathering).

A Type FBS – Brick for general use in masonry.

B Type FBX – Brick for general use in masonry where a higher degree of precision and lower permissible variation in size than permitted for type FBS is required.

C Type FBA – Brick for general use in masonry selected to produce characteristic architectural effects resulting from non-uniformity in size and texture of the individual units.

When the type is not specified the requirements for the type FBS shall govern.

The above is per ASTM Designation C-216 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale).

BELDEN
THE BELDEN BRICK COMPANY

700 West Tuscarawas • Canton, Ohio 44702
Phone: 330-456-0031 • Fax: 330-456-2694 • www.beldenbrick.com

A SAMPLING OF BELDEN BRICK AT WORK

UNIVERSITY / SCHOOL

Alice H. Cook House
Cornell University
Ithaca, NY
Kieran Timberlake Associates, LLP

David Letterman
Communication & Media Bldg.
Muncie, IN
MSKTD & Associates, Inc.

Earth Sciences Building & Museum of Natural History
Amherst, MA
Payette

Grand Valley State University
DeVos Center
Grand Rapids, MI
Design Plus Inc.

Stayer Center for Executive Education at the University of Notre Dame
South Bend, IN
The S/L/A/M Collaborative

Leazar Hall
NC State University
Raleigh, NC
Cannon Architects

Taconic Hills School
Hillsdale, NY
Rhinebeck Architectural & Planning

The Ohio State University Fisher School of Business
Columbus, OH
Karlsberger Co.

University of Cincinnati

Mary Emory Hall
Cincinnati, OH
I. M. Pei

University of Pittsburgh Convocation Center
Oakland, PA
Apostolou & Associates

CHURCHES

First Friends Church
North Canton, OH
Harris-Day Architects Inc

Holy Angels Church
Chagrin Falls, OH
Zarzycki – Malik Architects

SHOPS / COMMERICAL

Crocker Park
Westlake, OH
Bialosky + Partners Architects

Mayfaire Town Center
Wilmington, NC
Cooper Carry, Inc.

Whole Foods Market
Washington, DC
Mushinsky Voelzke Associates

HEALTHCARE

Clarion North Medical Center
Carmel, IN
HKS, Inc.

Good Samaritan North Hospital
Englewood, OH
Earl Swensson Associates

The Eye Center
Columbus, OH
Gil Sass–AMB Development Group

Womack Replacement Hospital
Fort Bragg –Fayetteville, N.C.
The Smith Group, Inc.

Midwest Express Center
Milwaukee, WI
Thompson, Ventulett, Stainbach & Associates

STADIUMS / ARENAS

Boston College Sports Complex
Chestnut Hill, MA
Sasaki Associates, Inc.

Busch Stadium
St. Louis, MO
HOK Architects

Miller Park
Milwaukee, WI
HKS, Inc. / NBBJ / Eppstein Uhen Architects

American Airlines Center
Dallas, TX
David M. Schwarz Architectural Services

OFFICE / CORPORATION

AT&T Offices
Monmouth County, NJ
CUH2A

Central Mutual Insurance Co.
Van Wert, OH
Flad & Associates

Harry London's Candies
Canton, OH
Lawrence, Dykes, Goodenberger, Vandegrift & Clancy

The Millennium Building
Canton, OH
Wilson Architectural Group

HIGH RISE

River House
New York, NY
Polshek Partnership
Ismael Leyva Architects

Seaport Hotel
World Trade Center
Boston, MA
The Stubbins Associates, Inc.