The Standard of Comparison since 1885

www.beldenbrick.com

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

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

Concept Catalog
Featuring: Product Snapshots – Offerings and Selections
**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.
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.

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

Double Monarch
3-5/8” x 7-5/8” 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
3-5/8” x 2-1/4” x 15-5/8”

Product Sizes: Ambassador
Product Colors: Ashberry Velour
AMBASSADOR

ONE-QUARTER BOND

ONE-HALF BOND

MONARCH

ONE-QUARTER BOND

ONE-HALF BOND

UTILITY

HALF BOND

ONE-THIRD BOND

DOUBLE MONARCH

ONE-QUARTER BOND

ONE-HALF BOND
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".

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

BIO-AQUIFER STORM SYSTEM™

A. Belden Clay Permeable Paver
B. 1/4" Void Filled (ASTM D448 #8 or #9)
C. 2" Setting Bed (ASTM D448 #89 or #9)
D. 4" Base (ASTM D448 #57)
E. 12" Sub Base Minimum (ASTM D448 #2)
F. Sub Grade
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**

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 PAVER  
PAWNEE RED  
EBONY  
470-479 DARK  
MADRID * (2 ¼ x 4 x 8 only)

Private residence - Belcrest 560 Pavers

(330) 456-0031 / beldenbrick.com
CRESTLINE SERIES
PAVERS
meet ASTM C902 and are available with our
DUTCH CHAMFERED
EDGE only.

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

Cranberry
Crabapple
Rembrandt
Sandhills
Outerbanks
Salmon Run
Coral Reef
Georgian
Victorian
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.
Zionsville West Middle School - Kingsport Hotzone Utility & 8331 Velour (Special Shape)
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”.

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”.

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