The Standard of Comparison since 1885

www.beldenbrick.com

An ISO 9001:2008 Registered Quality Management System
An ISO 14001:2004 Registered Environmental Management System
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 call Sweet’s BuyLine® 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.

College of William & Mary - Special Blend of Belcrest 550, Belcrest 530, Belcrest Black and Meadow Blend.
The Carmel Design Center - Commodore Red Velour, Claret Velour & 470-479 Light Range Ironspots.
College of William & Mary, Mason School of Business - Special Blend of Belcrest 550, Belcrest 530, Belcrest Black and Meadow Blend.

Molded Brick

ARTIC CLEAR
POLAR WHITE CLEAR
HARBOUR MIST BLEND
BAYPORT
ALAMO BLEND
BRIDGEPORT BLEND
MANCHESTER BLEND
MEADOW BLEND
ST. ANNE BLEND
ST. ANNE CLEAR
KINGSPORT
QUEENSPORT BLEND
College of William & Mary, Mason School of Business – Special Blend of Belcrest 550, Belcrest 530, Belcrest Black and Meadow Blend.

WINWOOD BLEND
ROSEWOOD CLEAR
ROSEWOOD BLEND
GARNET BLEND
BELCREST 170
BELCREST 310
BELCREST 360
BELCREST 500
BELCREST 560
BELCREST 650
BELCREST 730
BELCREST 760

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**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.
BELCREST and ANTIQUE COLONIAL PAVERS 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

ANTIQUES COLONIAL PAVERS

ALAMO BLEND PAVER
BEECHWOOD BLEND PAVER
POLAR WHITE CLEAR PAVER
ROSEWOOD CLEAR PAVER
ROSEWOOD BLEND PAVER
ST. ANNE BLEND PAVER
ST. ANNE CLEAR PAVER

Private residence - Belcrest 760 Pavers

* Pawnee Pavers are available in Standard size 2-1/4” thickness x 4” width x 8” length.
Crestline Pavers

An Antique Look to a New Product
CRESTLINE SERIES PAVERS meet ASTM C 902-09 and are available with our DUTCH CHAMFERED EDGE only.

2-1/4" x 4" x 8" or 2-3/4" x 4" x 8"

2-1/4" x 8" x 8"
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, use the Sweets BuyLine or call us (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 & 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
## Face Brick Sizes

<table>
<thead>
<tr>
<th>BRICK UNIT</th>
<th>APPROX. WT.</th>
<th>SIZE / 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>
</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</td>
<td>6.86</td>
<td>92 x 57 x 194</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>
</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>
</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>70 x 70 x 244</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>
</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>
</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>
</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>
</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>
</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>
</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>
</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>
</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>
</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>
</tr>
</tbody>
</table>
Thin Brick meet ASTM C 1088-09 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 1/2” 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”.

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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. Minimum Compressive Strength: ___________ Maximum IRA.
4. 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.
5. Shapes: All special shapes are to be used per architectural detail(s) #__________ as
   supplied to The Belden Brick Company.

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 revised.

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

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

NOTES TO SPECIFIER:

ASTM DESIGNATION C-216-XX (with the last number being the year of the last update). All A grade
Belden Brick complies with ASTM C-216-XX, 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-XX Standard Specification for Facing Brick
(Solid Masonry Units Made From Clay or Shale).