Add the elegance of premium masonry veneers to virtually any low-rise structure – new or existing, residential or commercial – without concrete footings.
Put your stone project on the fast track.

Acme Brick’s Fast Track Stone™ masonry support system can transform a basic building into a structure of elegance and warmth, as well as economy. Unlike conventional stone-veneer finishes, Fast Track Stone does not require a concrete footing to support the weight of the masonry. This feature alone can yield considerable savings.

The system weighs as little as 14 pounds per square foot. It is easily designed into new projects using conventional construction techniques or attaches to most structures using existing wall studs. (See guidelines listed on back page.)

Green Values

Fast Track Stone can help builders achieve LEED objectives. Aluminum channels and clips have at least 25% post-consumer recycled content, and the entire system can be dismantled and re-purposed as the building’s uses change over its life cycle.

Premium Masonry Products

Masonry panels, made from cast stone or native Texas limestone, are available in a 1¼” thickness and in a pleasing array of colors. Standard nominal sizes for Fast Track Stone panels are 16” × 24” and 8” × 24”. Please ask your local Acme Brick representative for the most up-to-date selection of materials and colors.

Imagine the Possibilities

The system was developed for new exterior cladding as well as exterior retrofit. Consider these applications:

- cladding for low-rise construction;
- entries of high-end residences; and
- interior accent walls for public spaces such as restaurants and lobbies.

Fast Track Stone is designed and engineered to install over CMU (see detail on facing page), precast concrete, wood stud, and metal stud walls up to 30 feet high.

Fast Track Stone also complements other cladding materials—including, of course, Acme Brick.

Sizes and Finishes

<table>
<thead>
<tr>
<th>Product</th>
<th>8 x 24</th>
<th>16 x 24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texas Quarries Limestone</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Diamond Cut</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Split Face</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Cast Stone</td>
<td>x</td>
<td>x</td>
</tr>
</tbody>
</table>

The patent-pending Fast Track Stone system consists of extruded aluminum support channels, flexible centering cushions, aluminum support clips, screws, shims, backer rod, and sealant.
Flexible centering cushions are set on the lip of each channel...

...and over the lip of each support clip, to assure a secure fit.

Simple Installation

Once the starter channel is installed, transition channels are secured from bottom to top—ending with a top receiver channel with an integrated drip edge. The stone units themselves slide or click into place for a sturdy, secure fit.

Standard Fast Track Stone units can be easily sawn to desired dimensions on site, easily accommodating any job-specific height, length, or coursing requirements.

To complete the installation, backer rod is set in each joint and sealed with silicone. Sealants are available in a variety of attractive colors.

Turn Corners with Grace and Precision

L-shaped corner units (right) offer a nominal 4-inch return. They install securely, using the same clips and cushions as regular units (lower right).

For architects and builders who seek a clean, modern appearance, corners can also be formed using standard Fast Track Stone units.

Ask your Acme Brick representative or distributor for details of recent Fast Track Stone applications, and get ready to put your creativity on the fast track.
### Structural Material of Backing Wall

<table>
<thead>
<tr>
<th>Structural Material of Backing Wall</th>
<th>Backing Wall Requirements</th>
<th>Fastener/Anchor Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood Stud (i)</td>
<td>Backing wall to comply with applicable provisions of Sect. 2308 of IBC and local building codes</td>
<td>¼&quot; dia. S.S. wood screw with 1½&quot; min. penetration into backing wall</td>
</tr>
<tr>
<td>Steel Stud (i)</td>
<td>Backing wall to comply with applicable provisions of Sect. 2211 of IBC and local building codes</td>
<td>#10 S.S. screws</td>
</tr>
<tr>
<td>CMU: Hollow Core Grout Filled Hollow Core Ground Joint (ii)</td>
<td>Backing wall to comply with applicable provisions of Sect. 2109 of IBC and local building codes</td>
<td>¼&quot; dia. S.S. Powers Lok-Bolt with 1 1/8&quot; embedment, 3/4&quot; min. edge dist., &amp; 8&quot; min. end dist. @ hollow or filled core CMU</td>
</tr>
<tr>
<td>Clay Brick (v): Solid or Cored Grout Joint (iv)</td>
<td>Backing wall to comply with applicable provisions of Sect. 2109 of IBC and local building codes</td>
<td>¼&quot; dia. Hilti HLC Sleeve with 1&quot; embedment &amp; 4&quot; min. edge distance @ grout joint</td>
</tr>
<tr>
<td>Concrete (vi)</td>
<td>Backing wall to comply with applicable provisions of Chapter 19 of IBC and local building codes</td>
<td>¼&quot; dia. S.S. Powers Lok-Bolt with 1 1/8&quot; embedment, 4&quot; min. edge dist., &amp; 4&quot; min. end dist. @ clay brick</td>
</tr>
<tr>
<td>CMU: Grout Filled Hollow Core (ii)</td>
<td></td>
<td>¼&quot; dia. Hilti HLC Sleeve with 1&quot; embedment &amp; 4&quot; min. edge distance @ grout joint</td>
</tr>
<tr>
<td>Clay Brick (v): Solid Brick Without Coring Only</td>
<td></td>
<td>¼&quot; dia. S.S. Powers Wedge Bolt with 2&quot; embedment, 3¾&quot; min. edge dist., &amp; 3¾&quot; min. end dist. @ filled core CMU</td>
</tr>
<tr>
<td>Concrete (vi)</td>
<td></td>
<td>¼&quot; dia. S.S. Powers Wedge Bolt with 2&quot; embedment &amp; 2&quot; min. edge distance or ¼&quot; dia. S.S. Powers Tapper with 1½&quot; embedment &amp; 2&quot; min. edge distance</td>
</tr>
</tbody>
</table>

### Alternatives

(i) Based on use of spruce, pine, or fir wood species  
(ii) Studs to be minimum 16 gauge steel with 33 ksi yield stress  
(iii) Hollow core CMU to be filled with minimum 1500 psi strength grout  
(iv) Grout to have a minimum compressive strength of 2000 psi  
(v) Hollow or solid clay brick to conform with ASTM C62 standard  
(vi) Concrete to have a minimum compressive strength of 3000 psi  
(vii) Fastener/Anchor recommendations based on maximum structure height of 30 feet and maximum wind load of 78 psf  
(viii) Fastener/Anchors to be installed a minimum of 3/8" from track edges at a maximum spacing of 18" apart  
(ix) It is the responsibility of the engineer of record to verify the structural integrity of the backing wall based on the load imposed by the system panels and other applicable material, live, seismic, snow and wind loading conditions.  
(x) Alternative fastener/anchors recommendations available from supplier upon request.  
(xi) Substitutions of recommended fastener/anchors should only be made after structural analysis by engineer of record.

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**New! Build a Virtual Wall Using Acme Brick Masonry Designer**

Fast Track Stone is now part of the Masonry Designer utility from Acme Brick. Select a panel style, then coursing, and begin. Mix and match with other panels—or other Acme Brick products. To download Masonry Designer, visit [brick.com](http://brick.com).