Put your stone project on the fast track.

Museum at Prairiefire (soffit) • Overland Park, KS
Architect of record: Verner Johnson, Inc., Boston, MA
Local architect: Rees Masilionis Turley Architecture, Kansas City, MO

Kirkland Cancer Center (parking structure) • Jackson, TN
Architect: Davis-Stokes Collaborative, PC, Brentwood, TN
Add the elegance of premium masonry to a wide variety of structures.

Acme Brick’s Fast Track System™ 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 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 on back page.)

Green Values

Fast Track 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 a building’s uses change.

Premium Masonry Products

Masonry panels are available in 1¼” or 1½” thickness and in a pleasing array of colors. Standard nominal sizes for Fast Track Cast panels are 16” × 24” and 8” × 24”.

Ask your local Acme Brick representative for the most up-to-date selection of materials, sizes, and colors. Fast Track is also compatible with terra cotta cladding panels. Ask for the Acme TC Cladding catalog for more information.

Imagine the Possibilities

Fast Track supports many different applications: new construction or retrofit, exterior or interior. Consider these options as well:

- entries of high-end residences;
- interior accent walls for public spaces such as restaurants and lobbies; and
- horizontal applications such as soffits.

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

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

To complete the installation, backer rod is set in each joint and sealed with job-specified sealant, usually available in a variety of attractive colors.

For current color and material selection, ask your Acme representative.

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.

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

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

<table>
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<tr>
<th>Structural Material of Backing Wall</th>
<th>Backing Wall Requirements</th>
<th>Fastener/Anchor Recommendation</th>
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<tr>
<td>Wood Stud (i)</td>
<td>Sect. 2308 of IBC and local building codes</td>
<td>¼&quot; dia. S.S. wood screw with 1⅛&quot; min. penetration into backing wall</td>
</tr>
<tr>
<td>Steel Stud (ii)</td>
<td>Sect. 2211 of IBC and local building codes</td>
<td>#10 S.S. screws</td>
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<tr>
<td>CMU:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hollow Core</td>
<td>Sect. 2109 of IBC and local building codes</td>
<td>¼&quot; dia. S.S. Powers Lok-Bolt with 1 1/8&quot; embedment, 3¾&quot; min. edge dist., &amp; 8&quot; min. end dist. @ hollow or filled core CMU (x)</td>
</tr>
<tr>
<td>Ground Joint</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)</td>
<td>Sect. 2109 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 (x)</td>
</tr>
<tr>
<td>Solid or Cored Grout Joint (vi)</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>Concrete (vi)</td>
<td>Chapter 19 of IBC and local building codes</td>
<td>¼&quot; dia. S.S. Hilti Kwik Bolt 3 with 2&quot; embedment &amp; 3&quot; min. edge distance (x)</td>
</tr>
</tbody>
</table>

(x) Alternative Fastener/Anchor Recommendations

| CMU:                                |                                          |                                 |
| Grout Filled Hollow Core            |                                          |                                 |
| (iii)                               |                                          | ¼" dia. S.S. Powers Wedge Bolt with 2" embedment, 3¾" min. edge dist., & 3¾" min. end dist. @ filled core CMU |
| Clay Brick (v): Solid Brick         |                                          |                                 |
| Without Coring Only                 |                                          | ¼" dia. S.S. Powers 'Double' Shield Expansion Anchor with 1¼" embedment, 4" min. edge dist., & 4" min. end dist. |
| Concrete (vi)                       |                                          | ¼" dia. S.S. Powers Wedge Bolt with 2" embedment & 2" min. edge distance or ¼" dia. S.S. Powers Lapper with 1½" embedment & 2" min. edge distance |

Notes:
- (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
- (x) Grout to have a minimum compressive strength of 2000 psi
- (x) Hollow or solid clay brick to conform with ASTM C62 standard
- (x) Concrete to have a minimum compressive strength of 3000 psi
- (x) Alternative fastener/anchors recommendations available from supplier upon request.