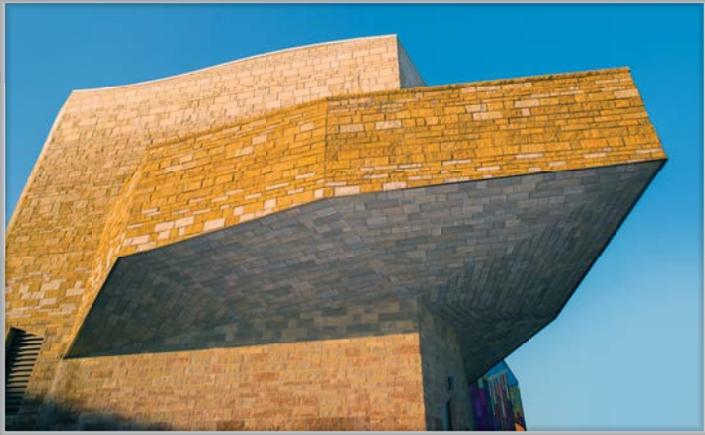
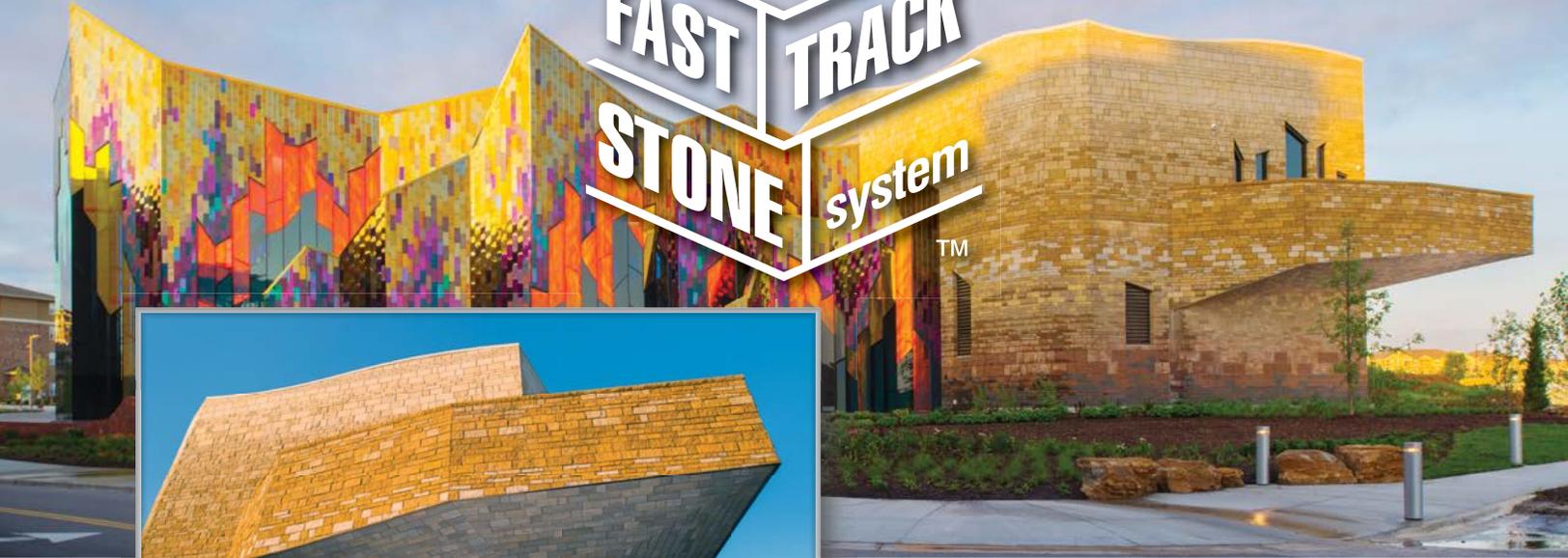


FAST TRACK STONE system™



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

Put your stone project on the fast track.



Kirkland Cancer Center (parking structure) • Jackson, TN
Architect: Davis-Stokes Collaborative, PC, Brentwood, TN



ALICE AND CARL
**KIRKLAND
CANCER CENTER**
A SERVICE OF JACKSON-MADISON COUNTY GENERAL HOSPITAL



Add the elegance of premium masonry to a wide variety of structures.

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 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 a building's uses change.

Premium Masonry Products

Masonry panels are available in 1¼" or 1½" thickness and in a pleasing array of colors. Materials include native Texas Quarries limestone, cast stone, and fired clay Terra Cotta Cladding. Standard nominal sizes for Fast Track Stone panels are 16" x 24" and 8" x 24". Ask your local Acme Brick representative for the most up-to-date selection of materials, sizes, and colors.

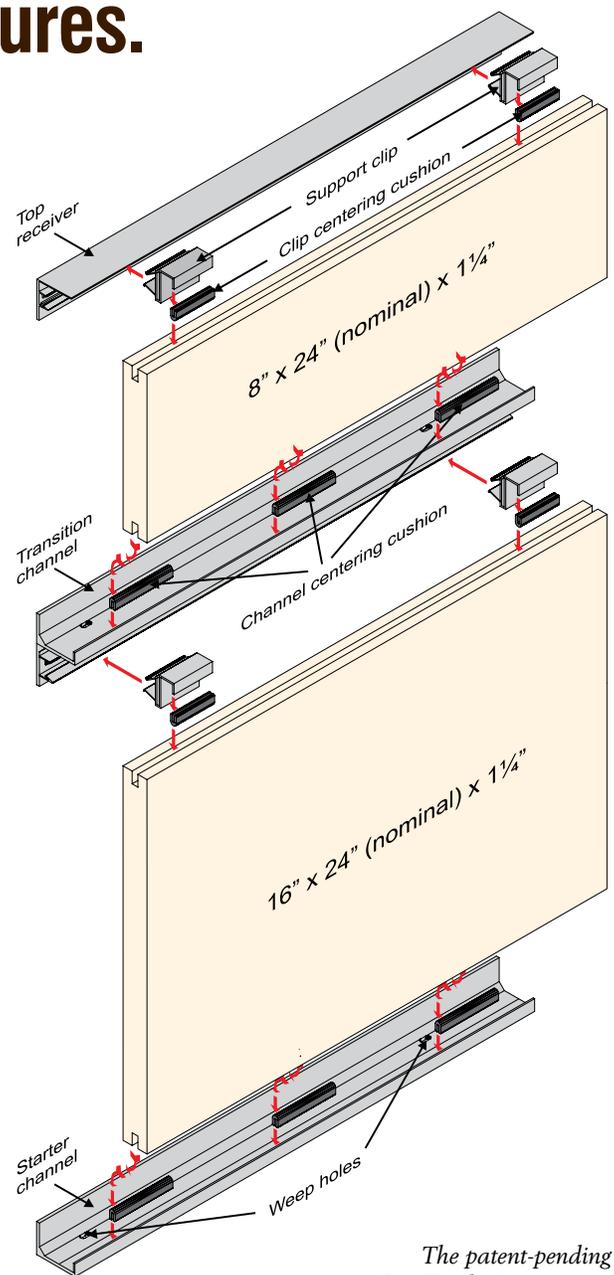
Imagine the Possibilities

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

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



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.

Standard Sizes and Finishes

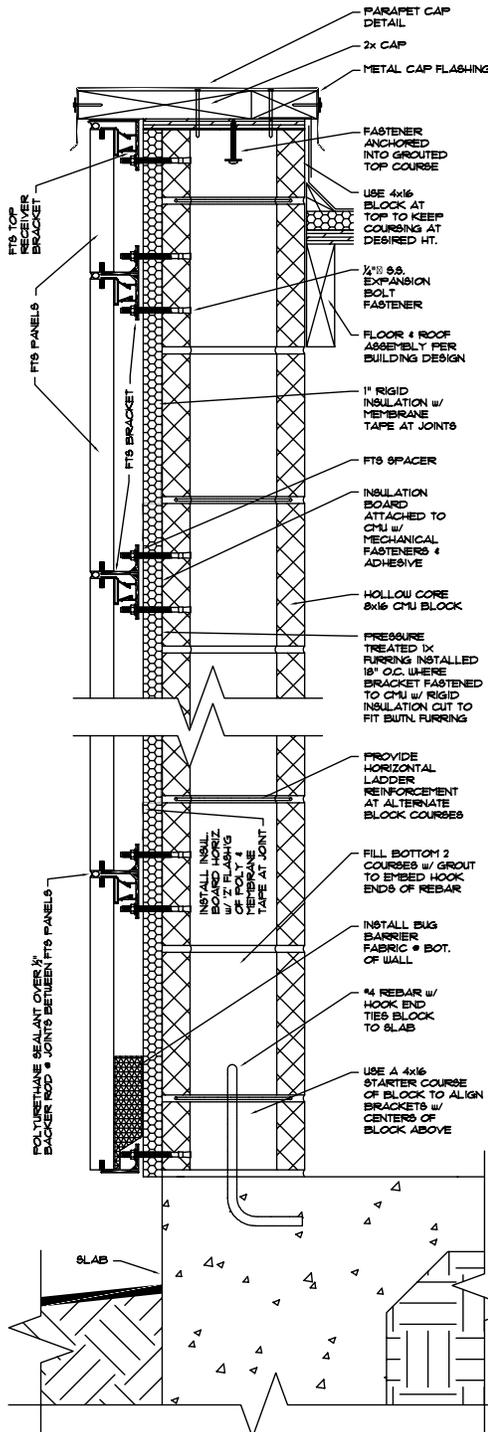
Product	8 x 24	16 x 24
Texas Quarries Limestone, Sawn	X	X
Texas Quarries Limestone, Split Face	X	
Cast Stone	X	X
Terra Cotta Cladding (up to 24" x 48" available)	X	X



Flexible centering cushions are set on the lip of each channel...



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



Detail drawings and expert technical assistance are available from Acme Brick's or IBP's in-house engineering department.

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 job-specified sealant, usually available in a variety of attractive colors.

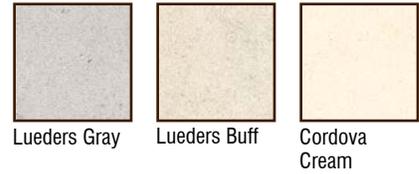
Turn Corners with Grace and Precision

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

For architects 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.

Texas Quarries Limestone



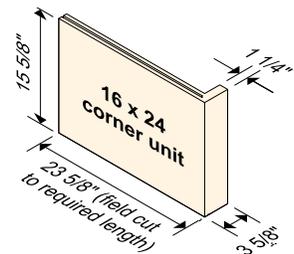
Cast Stone



Terra Cotta Cladding



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

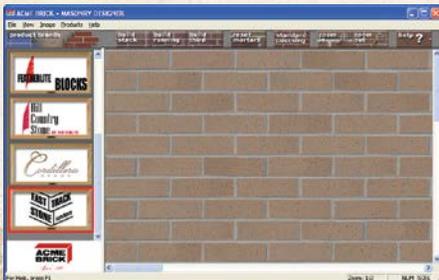


General Structural Guidelines

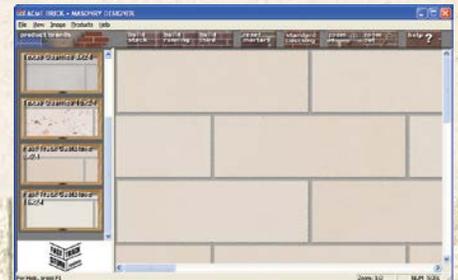
Structural Material of Backing Wall	Backing Wall Requirements	Fastener/Anchor Recommendation (vii), (viii), (ix), (xi)
Wood Stud (i)	Backing wall to comply with applicable provisions of Sect. 2308 of IBC and local building codes	1/4" dia. S.S. wood screw with 1 1/2" min. penetration into backing wall
Steel Stud (ii)	Backing wall to comply with applicable provisions of Sect. 2211 of IBC and local building codes	#10 S.S. screws
CMU: Hollow Core Grout Filled Hollow Core (iii) Ground Joint (iv)	Backing wall to comply with applicable provisions of Sect. 2109 of IBC and local building codes	1/4" dia. S.S. Powers Lok-Bolt with 1 1/8" embedment, 3 3/4" min. edge dist., & 8" min. end dist. @ hollow or filled core CMU (x)
		1/4" dia. Hilti HLC Sleeve with 1" embedment & 4" min. edge distance @ grout joint
Clay Brick (v): Solid or Cored Grout Joint (iv)	Backing wall to comply with applicable provisions of Sect. 2109 of IBC and local building codes	1/4" dia. S.S. Powers Lok-Bolt with 1 1/8" embedment, 4" min. edge dist., & 4" min. end dist. @ clay brick (x)
		1/4" dia. Hilti HLC Sleeve with 1" embedment & 4" min. edge distance @ grout joint
Concrete (vi)	Backing wall to comply with applicable provisions of Chapter 19 of IBC and local building codes	1/4" dia. S.S. Hilti Kwik Bolt 3 with 2" embedment & 3" min. edge distance (x)
(x) Alternative Fastener/Anchor Recommendations		
CMU: Grout Filled Hollow Core (iii)	1/4" dia. S.S. Powers Wedge Bolt with 2" embedment, 3 3/4" min. edge dist., & 3 3/4" min. end dist. @ filled core CMU	
Clay Brick (v): Solid Brick Without Coring Only	1/4" dia. S.S. Powers 'Double' Shield Expansion Anchor with 1 1/4" embedment, 4" min. edge dist., & 4" min. end dist.	
Concrete (vi)	1/4" dia. S.S. Powers Wedge Bolt with 2" embedment & 2" min. edge distance or 1/4" dia. S.S. Powers Tapper with 1 1/2" 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
(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, height, 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.

Build a Virtual Wall Using Acme Brick Masonry Designer



Fast Track Stone is part of the Masonry Designer utility from Acme Brick. Mix and match with other panels—or other Acme Brick products. To download Masonry Designer for your Windows PC, visit brick.com



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