THE VERSALINER® SYSTEM

THE VERSATILE BRICK INLAY SYSTEM FOR HIGH-PERFORMANCE CONCRETE WALL PANELS

INNOVATIVE BRICK SYSTEMS, LLC.

www.MBrick.com

PRECAST

>Industry Leadership

Innovative Brick Systems is the largest supplier among precast producers in North America for embedding thin brick in concrete wall panels.

Experience + Expertise = Trust

>Performance & Versatility

The VersaLiner® is a patented form liner for managing the embedment of thin brick as it is cast into precast and vertical-cast concrete wall panels.

The VersaLiner® system:

- Provides a seamless coved joint—the closest look to laid-up masonry available.
- Is the most efficient method for casting a wide variety of panels, saving valuable labor and production time.
- Offers the greatest variety of bond patterns and off-set-accent designs available.
- Arches, corbels, recessed coursing, basketweave, Flemish bonds, and more.

>Building Total Value with Thin Brick

For the Owner: Possession of more than just a beautiful brick building. Owners enjoy an attractive and maintenance-free brick cladding with a greater leasable footprint.

For the Architect: No masonry design limitations. Each VersaLiner® System is created to match virtually any masonry design detail, and the extent of brick colors and textures to choose from is unbeatable.

Expert design assistance provided with all our projects.

For the Producer: Efficiency, and quality to be proud of. The VersaLiner® System is flat-out the fastest overall method to embed thin brick in wall panels. Further, its single-use nature allows producers to more efficiently prepare and utilize precious bed space, thereby lowering costs and increasing output.

- No need to adjust rail height to accommodate the liner.
- No pre-planning of panel sequence to handle the liner size.
- No need to clean and store bulky rubber liners after use.

>Leading in Brick Selection

The VersaLiner® is "out of the box" compatible with these four leading thin brick manufactures committed to the precast and tilt-up industries, giving the designer virtually thousands of brick color, shade, range, size, and texture options to work with.

Endicott

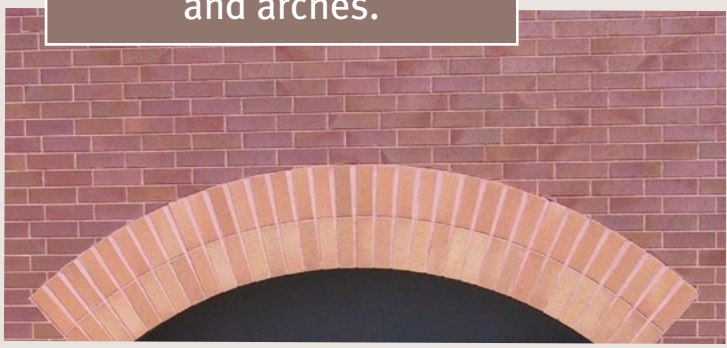
Summitville

Feldhaus by United Wall Systems

METROBRICK
ARCHITECTURAL THIN BRICK

Additional thin brick manufacturers are compatible as well.

Unlimited design options include recessed coursing and arches.



>The High Performance Wall Panel:
Embedded Thin Brick vs. Conventional Masonry

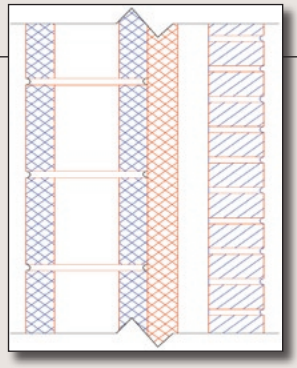
Embedded thin brick is rapidly gaining popularity as a long-lasting, durable, sustainable and beautiful finish for brick-clad buildings across North America.

- **No Masonry Job-site Issues**—No scaffolding, no on-site labor, no sand piles, no weather delays.
- **More Efficient Engineering**—No lintels, ledges, weep cavities, or flashing needed.
- **Faster Job Enclosure Time**—Saves money and gets occupants in sooner.
- **No Moisture Penetration**—Freeze thaw does not affect the brick veneer as the brick is integral to the concrete wall.
- **No Efflorescence or Long Term Maintenance**—With mortar at 5,000 psi there is no need for tuck-pointing later in life.
- **Plant-Produced Wall Panel**—Strict PCI quality control programs result in efficient production with consistency across each and every panel.

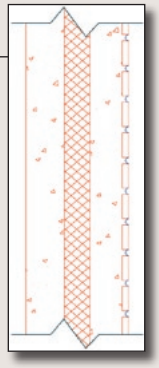
Bottom Line: Accelerated construction schedule with minimal long-term maintenance.

>Compare Wall Sections
A Value Difference

An 8" composite wall system on a building with a footprint of 300' x 150' realizes approximately 600 more usable square footage per floor than a conventional 16" wall system. For commercial buildings with a lease rate of $19 per square foot, that is **an additional $11,400 per year per floor.**



Conventional Masonry
16" Thick Insulated Wall



Embedded Thin Brick
8" Thick Insulated Wall

>The GREEN Advantage
Your Environmentally Sound Choice

Thin brick utilizes approximately 20% of the natural resource energy and materials of full face brick per square foot of surface material.

- Less raw material extracted and a fraction of the natural gas for kiln curing, resulting in a reduction of embodied energy.
- Reduced site disturbance due to pre-fabricated process.
- Lower transportation fuel requirements
- One square foot of thin brick is approximately 6 lbs. versus 35 lbs. for face brick
- The VersaLiner® contains post-industrial recycled material
- Liners are made from recyclable Polystyrene material, allowing users ease of recycling.

>Known by the Company we Keep

Innovative Brick Systems is proud to actively participate in these and other leading industry organizations:

PCI Precast/Prestressed Concrete Institute

NPCA Precast ... The Concrete Solution

ARCAT ©1993-2008 ARCAT, Inc.

altusgroup

U.S. Green Building Council LEED USGBC

THE VERSALINER® SYSTEM

>Easy Installation of Liner and Brick

This is a brief overview of typical installation steps. For complete installation instructions, refer to the VersaLiner® Design and Installation Guide.

1

Begin trimming and laying out the VersaLiner® sheets according to the shop drawings. Lock the sheets together taking advantage of the exclusive EdgeLock™ perimeter connection feature.

2

Nest the thin bricks face down in the liner. It is easy to view and modify any required brick blending patterns on the panel as the individual brick shades match front to back.

3

Place the reinforcement and concrete, using any of a variety of vibration methods. Conventional and SCC concrete work fine for embedded brick panels.

4

Once lifted, peel off the VersaLiner® sheets and pressure wash the face to remove concrete slurry and any retarder.

5

Step back and admire your work!

For additional information, including photos of our work, technical details, installation and design guides, and specifications, please visit www.MBrick.com

Innovative Brick Systems, LLC
11625 Reed Court | Broomfield, CO 80020
1-800-413-4588 | 1-720-890-6038 fax

M0508

BRICK
Family of Products for Embedded Brick Panels
from Innovative Brick Systems, LLC

INNOVATIVE
BRICK SYSTEMS, LLC.