### Tru-Brix®

LIGHTEN THE LOAD, NOT THE LOOK

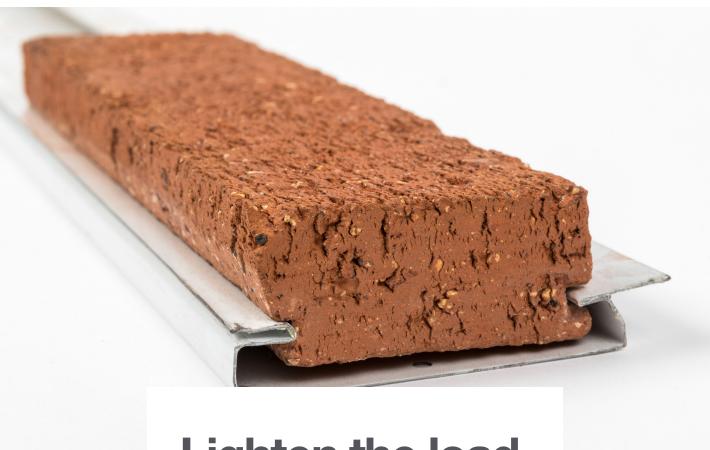












# Lighten the load, not the look.



#### **Tru-Brix delivers**

Tru-Brix cladding makes real brick available for projects where full-size brick isn't economical or practical.

Tru-Brix will eliminate the need for load-carrying steel, footers or wall height restrictions.

As with traditional brick, installers can adapt coursing to window and door openings, and adjust for out-of-square or out-of-plumb building situations.

Includes a wide range of special shapes and designs, and hundreds of brick colors and textures.

The steel engagement into the tile grooves eliminates the possibility of a bond failure, which is possible in glue or mortar systems.

Virtually any wall construction supports Tru-Brix: light commercial metal stud; curtain wall, prefabricated panels, or residential stud framing, insulated metal panels, and is exceptionally well-suited for rain screen wall systems.

## Classic architecture, or modern styles.

#### **Residential applications**

Tru-Brix, the strongest, most versatile way to apply thin brick to any home, replaces vinyl, wood or aluminum siding. A patented, snap-in steel-rail design holds the brick in place for a permanent mechanical attachment.

Tru-Brix provides the appeal of real brick without the cost, construction time and complications of traditional masonry.

#### **Architectural applications**

Tru-Brix Thin Brick Façade System is a highly functional, contemporary evolution of a classic building material. It expands the design palette, bringing brick's distinctive appeal and permanence to an expanded range of building types. The Tru-Brix system also accommodates cast stone, window sills and headers, accent bands, soldier courses and many other attractive features, shapes and designs not possible with other thin-brick methods.

#### Tru-Brix used on various wall systems







Concrete masonry wall



Metal stud wall



Prefabricated wall



Insulated Metal Panel (IMP)

#### **Technical Data**

Weight	11.5 PSF	
Brick Sizes	Engineer Williamsburg Modular Norman	2 <sup>3</sup> 4"H x 7 <sup>5</sup> %" L x 1" T 2 <sup>3</sup> 4" H x 8 <sup>1</sup> ½" L x 1" T 2 <sup>1</sup> ¼" H x 7 <sup>5</sup> %" L x 1" T 2 <sup>1</sup> ½" H x 11 <sup>5</sup> %" L x 1" T
Brick Coursing	$2\sqrt[3]{4}$ " (Oversize) Rails: 5 Courses = 16" Adjusts up to: 5 Courses = $16\sqrt[5]{8}$ " $2\sqrt[4]{4}$ " (Modular) Rails: 3 Courses = $8\sqrt[8]{4}$ Adjusts up to: 3 Courses = $8\sqrt[8]{8}$ "	
Brick Specifications	ASTM C216 Face Brick Grade SW (Severe Weathering) ASTM C1088 Thin Brick Grade Exterior (Severe Weathering)	
Mortar	ASTM C270 Type N Mortar Cement with polymer additives for work-ability, durability and flexibility ASTM C144 sand is included in the 50lb. bags	
Steel Holding Rails	0.021" HDG, Commercial CS Type B, Non-Chemical Treated, Minimum Spangle, Smooth, Cold Roll Formed G-90 Galvanizing	
Anchors	Type 1: #10 Polymer coated Wood Screws 1" to 2½" Type 2: Self-tapping Polymer coated metal screws 1" to 1½" Type 3: Concrete and masonry screws 1" to to 2½" Type 4: RSS-approved anchors for special applications	
Building Wrap	Vapor permeability: 10 perms per ASTM E96 Procedure A. Vapor transmission: 73 g/m² /24hrs. per ASTM E96 Procedure A/B Air leakage/Resistance: 0.03 cfm/ft² at 75Pa Water resistance > 60 minutes per ASTM D779 Water resistance: "Pass" per ASTM E331 Fire characteristics: Flame spread< 25FSI and smoke development <450 SDI per ASTM E84	
Flashing	Self-adhesive PVC 20 mil	
Fire Rating	Adds only Non-combustible materials to rated walls* *On most commercial applications except where building wrap is used as part of the Tru-Brix system.	

#### Warranty:



Tru-Brix offers a 50-Year Warranty.



For additional information on Tru-Brix, including technical documents, installation guides and test data, visit www.glengery.com.



