

BrickWal™

From Fullerton Building Systems, Inc.



Every Advantage Over Conventional Masonry.

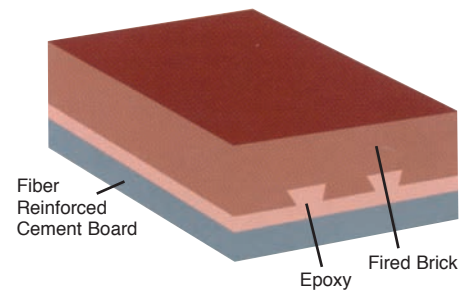
BrickWal™ gives you the look of traditional masonry without the hassle of expensive lintels, heavy foundations and structural supports. Why? Because BrickWal weighs only 8 lbs. per square foot when used as individual panels.

BrickWal™ panels increase building income and reduce maintenance expense. BrickWal™ panels are significantly thinner which allows for more usable floor space.

Also the potential maintenance problems of moisture penetrating through the wall or unsightly appearance of white stains caused by efflorescence are forever eliminated. BrickWal™ from Fullerton Building Systems gives all of these advantages and more.

Strength Advantages.

BrickWal™ gives you a richer look than traditional masonry. The color-coordinated mortar of each panel emphasizes the beauty and distinction of kiln-fired brick. Severe weather grade brick (TBX) also prevents the occurrence of brick spalling. It has been designed, engineered and proven by the test of time.



A quality look, with durable life.

Attractive Advantages.

BrickWal™ comes in a variety of colors and textures in a sanded rake joint design and can be applied in any pattern you can imagine. Architectural distinction can be accomplished by incorporating other products from Fullerton Building Systems onto the same panel. These accents may be cast concrete sills, bullnose copings, quoins and accent bands of crushed granite, marble or stucco. It's your choice. It's freedom to design. It's BrickWal™.

Time-Saving Advantages.

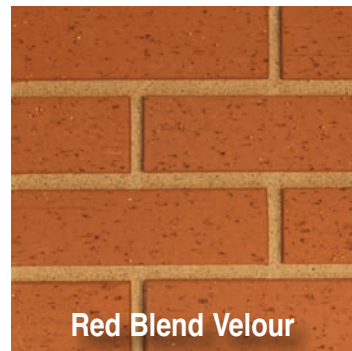
BrickWal™. The Choice is easy. So is the installation. It allows you to reduce construction time and stay on schedule. An "average" five man installation crew can install as much as 1,100 square feet of wall area in a single day, while the same number of masons can only lay approximately 450 square feet of brick. With time savings as great as these, it's time to give Fullerton Building Systems a call.



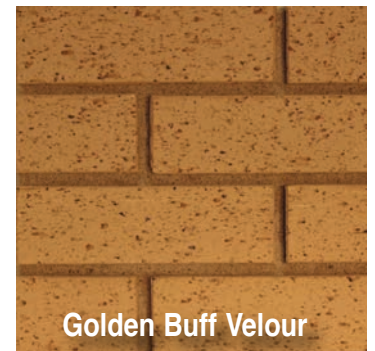
Autumn Sand



Medium Ironspot Smooth



Red Blend Velour



Golden Buff Velour



The System is the Solution

34620 250th Street, P.O. Box 308
Worthington, MN 56187-0308

Phone: 800.450.9782 or 507.376.3128 • Fax: 507.376.9530
Web: www.fullertonbuildingsystem.com

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Veneer Panel Specification

Part 1 - General

1.1 Description

A. Work described herein consists of furnishing factory fabricated veneer panels with an exterior face in a running bond pattern of kiln-fired clay brick finish applied with polymer epoxy resin on mineral fiber reinforced cement board as manufactured by Fullerton Building Systems, Inc. - 800.450.9782

B. Manufacturer shall have been continuously engaged in the manufacture of exterior wall panels for 35 or more years.

1.2 Warranty - Manufacturer to warranty from date of purchase against defective materials or workmanship for a period of five years.

Part 2 - Products

2.1 Description

A. Kiln-fired clay brick finish shall be _____ (color) and _____ (texture) per approved sample; and shall be manufactured with sanded epoxy giving deep rake joints between bricks. Epoxy color to be similar to face brick color unless otherwise specified. All material shall be obtained from one source to match in color as nearly as possible.

B. Epoxy resin finish shall conform to requirements of MIL Spec. Mil-R-9300B and MIL-R-21931A.

C. Mineral fiber reinforced cement board (M.F.B.) substrate shall meet the following minimum requirements:

Compressive Strength (lb/in ²)	7000
Flexural Strength (lb/in ²)	2000
Percent Moisture Movement	
50% to 90% RH	0.06%
Thermal "R" Value	0.15
Burn Character	
Flame / Smoke	0/5

D. Brick veneer shall be kiln-fired clay brick of severe weather exterior grade meeting requirements of

ASTM C-1088-94 and shall be modular sized (7-5/8" x 2-1/4" x 1/2").

E. Product samples and shop drawings, if required, shall be submitted for approval before panel fabrication.

2.2 Performance

A. Panel substrate and brick finish shall withstand the following tests without noted change in appearance or material failure:

1,000 hours in Atlas Twinarc weatherometer.

14 cycles salt fog and thermal shock.

100 cycles -50 to +150 degrees F.

B. All testing shall have been performed by an independent testing facility.

Part 3 - Execution

3.1 Erection

A. Panels shall be erected plumb and true by qualified workmen.

B. Panels shall be aligned and spaced as shown on manufacturer's shop drawings, if required.

C. Panels shall be handled and attached to building structure as per manufacturer's shop drawings, if required, installation procedure and/or architectural drawings.

D. All horizontal or vertical panel joints shall be filled with sealant over bond breaker tape.

E. Accessories

1. Sealant (Equal to Dow Corning 790 or 795) shall be applied in accordance with sealant manufacturer's recommendations.

2. Bond breaker tape (slick faced polyvinyl chloride tape) minimum of 3/4" wide and equal to #50 by All Type. Tape shall be field-applied to surface behind panel joint before panel erection.

3. Fasteners shall be low profile self-drilling stainless steel or zinc and clear chromate-plated for rust resistance.

4. All of the accessories shall be of size, shape and spacing as shown on manufacturer's shop drawings, if required, and/or listed in Manufacturer's Installation Guide.



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