

# CastWal™

From Fullerton Building Systems, Inc.



## Masonry Benefit Without The Masonry Hassles.

CastWal™ is a beautiful and durable molded product of polymer modified cement. It is available in a split-face block pattern. Tough, impact-resistant and totally water-resistant, CastWal™ requires no costly re-sealing or moisture-proofing. Our special formulation eliminates efflorescence and there is no mortar to fail. With factory-finished CastWal™ products, you can always count on consistent, top-to-bottom, wall-to-wall quality.

## The Fullerton Building Systems Advantage...

- No costly footings, foundations or special supports
- Eliminates all but a fraction of the weight of old-fashioned masonry
- Thinner exterior walls means more useable space for the building interior
- Tough, impact-resistant and totally water-resistant - requires no costly re-sealing or moisture-proofing
- Through body color in white, tan or grey
- Our special formulation eliminates efflorescence - and no mortar to fail
- Consistent top-to-bottom wall-to-wall quality
- Easy and quick installation by your crew - quicker project completion
- Available in several patterns and textures
- No specialist subcontractors are required
- Factory finished in a color of your choice
- 5-Year warranty

## Easy, Fast-Track Construction in Any Weather.

CastWal™ installation is easily handled by your regular construction crew, using standard construction methods. Best of all CastWal installation is fast - and weatherproof. While cold, snow or rain all too often call a halt to old-fashioned masonry, CastWal can be installed in almost any weather, and in a fraction of the time. CastWal is perfect for new construction and retrofit projects.

## The Fullerton Building Systems Advantage...

### Styles And Colors For Any Design.

Choose from four standard CastWal™ patterns. This product is available in 4'x8' sheets and is easily installed without masonry. Re-clad your existing locations for a cleaner & updated look.



**Block-Cast Sand Finish**  
Attractive 8" x 8"  
split-face block pattern.



**Block-Cast Paintable**  
Attractive 8" x 16"  
split-face block pattern.



**Brick-Cast**  
Impressive 8' wide units capturing  
the beauty of brick in a running-  
bond pattern.



**Rib-Cast**  
Fluted-rib panels, in  
three styles



*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](http://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 polymer reinforced cement panels with an exterior face of textured 8"x 8" stacked block 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 in fabrication for a period of five years.

### Part 2 - Products

#### 2.1 Description

- A. Block-Cast panels shall be \_\_\_\_\_ (Color) per approved sample.
- B. Inorganic fillers shall meet requirements of Federal Specification TTP-P-403A.
- C. Block-Cast panels shall meet the following specifications:

#### Nominal Thickness

1" at block and 9/16" at joint.

#### Dimensional Tolerances

Length and Width	+1/8"
Thickness (at block)	+5/16"
Thickness (at joint)	+1/8"

**Flexural Strength** (with finished face up) 1,000 psi.

**Flame Spread Index** (ASTM E-84) 0

**Smoke Developed Index** (ASTM E-84) 40

#### Coefficient of Thermal Expansion

(ASTM D-696)  $5.14 \times 10^{-6}$

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

#### 2.2 Performance

- A. Block-Cast panel shall withstand the following tests without noted change in appearance or material failure:

**500 hours of carbon arc exposure**  
(ASTM method G23)

- 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 backer rod.
- E. Accessories

1. Sealant (Equal to Sashco Big Stretch) shall be applied in accordance with sealant manufacturer's recommendations.
2. Backer rod (polyethylene foam rod) shall be proper size for joint. Backer rod shall be installed before sealant
3. Fasteners shall be phillips bugle head or trim head self-drilling zinc and clear chromate-plated for rust resistance. Fasteners to be covered with cover material provided.
4. All 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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