

# CertainTeed

## Specification Sheet

### Basement Wall and Masonry Wall Fiber Glass Building Insulation

#### 1. PRODUCT NAME

CertainTeed Basement Wall and  
Masonry Wall Fiber Glass Building  
Insulation

#### 2. MANUFACTURER

CertainTeed Corporation  
P.O. Box 860  
Valley Forge, PA 19482-0105  
Phone: (610) 341-7000  
(800) 233-8990  
Fax: (610) 341-7571  
Fax-On-Demand: (800) 947-0057  
Website: www.certainteed.com

#### 3. PRODUCT DESCRIPTION

##### Basic Use:

**Basement Wall Insulation** is designed for use in semi-finished or unfinished residential and commercial basement areas. The product has a white reinforced polypropylene facing, which is the exposed finished surface. The polypropylene facing is available either perforated or unperforated.

**Masonry Wall Insulation** batts are unfaced fiber glass insulation designed for use behind paneling or in masonry-type construction where cavity depth is limited. No stapling is required because the batts fit tightly between furring strips. A vapor retarder can be provided by using polyethylene or foil backed wallboard.

**Composition and Materials:** Yellow, uniformly textured, inorganic glass fiber insulation. Basement Wall Insulation is made with a white reinforced polypropylene facing with flanges for staple attachment.

**Limitations:** These products are designed for use at ambient temperatures in interior (weather protected) locations. Products should be kept dry during shipping, storage and installation.

##### Sizes:

**Basement Wall Insulation** is available in the sizes shown in chart at bottom. **Masonry Wall Insulation** is available in the sizes shown in chart at bottom.

#### 4. TECHNICAL DATA

##### Applicable Standards:

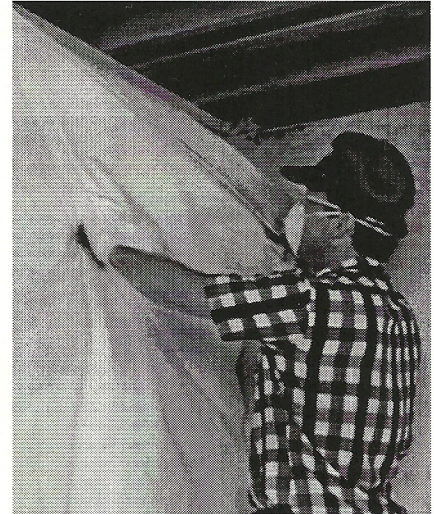
- **Basement Wall Insulation:** ASTM C 665, Type II, Class A, Category 1. (with perforated facing, Category 2).
- **Masonry Wall Insulation:** ASTM C 665, Type 1.

##### Model Building Codes:

- BOCA, ICBO, SBCCI.
- Thermal Performance:** In accordance with ASTM C 518, R-value for insulation only.

##### Fire Resistance:

- **Surface Burning Characteristics:**  
**Polypropylene facing:** Flame Spread Index: 25 or less, Smoke Developed Index: 50 or less.  
**Basement Wall Insulation:** Flame Spread Index: 25 or less, Smoke Developed Index: 50 or less.  
**Masonry Wall Insulation:** Flame Spread Index: 25 or less, Smoke Developed Index: 50 or less.



Basement Wall Insulation



Masonry Wall Insulation

Basement Wall Insulation						
R-Value		Thickness in. (mm)	Width		Length in. (mm)	Perforated
R	RSI		in.	(mm)		
11	1.9	3 1/8 (79)	48	(1219)	50 (1270)	Yes
11	1.9	3 1/8 (79)	48	(1219)	50 (1270)	No
11	1.9	3 1/8 (79)	72	(1829)	50 (1270)	No

Masonry Wall Insulation						
R-Value		Thickness in. (mm)	Width		Length	
R	RSI		in.	(mm)	in.	(mm)
3	.X	3/4 (19)	15	(381)	48	(1219)
3	.X	3/4 (19)	23	(584)	48	(1219)
6	X.X	1 3/4 (44)	15	(381)	96	(2438)
6	X.X	1 3/4 (44)	23	(584)	96	(2438)



### **Permeance of Facing:**

The unperforated facing has a perm rating of 0.1 (when tested per ASTM E 96, Desiccant Method).

## **5. INSTALLATION**

**Basement Wall Insulation:** is installed horizontally either half-wall or full-wall, starting at the sill plate. Nail a 2" x 2" furring strip to the edge of the sill plate at the top of all walls to be insulated. Fasten a second row of 2" x 2" furring with powder-actuated fasteners 48" x 72" below the sill plate furring, depending on the width of the insulation used. The 48" or 72" measurement must be the clear opening between both rows of furring. Roll out the insulation and staple to the upper and lower furring strips with the facing exposed.

For full wall application, fasten a third row of 2" x 2" furring, 1/2" to 1" from the floor, and staple a second roll of insulation to the center and lower furring strips. The second roll may have to be cut to fit. Cut insulation and facing to a width equal to the clear opening dimension between the furring strips plus 1 1/2", then cut back the insulation 1 1/2" in order to form a stapling flange at the bottom.

**Masonry Wall Insulation:** is installed between furring strips without stapling. A separate polyethylene vapor retarder or foil backed wallboard can be used when a vapor retarder is required.

## **6. AVAILABILITY AND COST**

Manufactured and sold throughout the United States and Canada. For availability and cost, contact your local distributor or call CertainTeed in Valley Forge, PA at (800) 233-8990.

## **7. WARRANTY**

Refer to CertainTeed's Limited Lifetime Insulation Warranty for Fiber Glass (XX-XX-XXXX).

## **8. MAINTENANCE**

An inspection and preventative maintenance program for the HVAC system is recommended to ensure optimum performance.

## **9. TECHNICAL SERVICES**

Technical assistance can be obtained either from the local CertainTeed sales representative, or by calling Technical Services in Valley Forge, PA, (800) 233-8990.

## **10. FILING SYSTEMS**

Additional product information available upon request.

Visit us on our website at [www.certainteed.com](http://www.certainteed.com) for the most up-to-date product information.

