



**Designed for masonry cavity wall applications**

Unlike some rigid foam insulation, FOAMULAR extruded polystyrene insulation is virtually impervious to moisture. This moisture-resistant property – along with its high R-value, light weight, competitive price and wide range of sizes – makes it ideal for use in a cavity wall system.

- Highly stable R-value for predictable insulating performance
- Pre-cut 16" wide boards yield fast, labor-saving installation
- “Split-Pak” packaging keeps boards clean and dry on jobsite
- Outstanding moisture resistance
- Meets ASTM C578 Specifications

**Product Data**

**Material:** Extruded polystyrene closed-cell foam panel with integrated continuous skins on face and back surfaces.

**Sizes:** 1,1.5, 2 in thick, 16 in wide x 96 in long

**Weight (for 1" thick board):**  
Approx. 125 lbs/msf (CW15),  
Approx. 150 lbs/msf (CW25)

**Edges:** Square

**Packaging:**  
1" 288 pcs/unit (24 pcs/bndl)  
[12 bndl/unit]

1.5" 192 pcs/unit (16 pcs/bndl)  
[12 bndl/unit]

2" 144 pcs/unit [12 pcs/bndl]  
[12 bndl/unit]



**FOAMULAR Insulation Physical Properties<sup>(1)</sup>**

Property	ASTM Method <sup>(2)</sup>	Product/Values FOAMULAR	
		CW15	CW25
Thermal resistance – ‘R’, minimum (hr x ft <sup>2</sup> x °F/Btu) <sup>(3)</sup> @ 75°F mean temperature @ 40°F mean temperature	C518	5.0 5.4	5.0 5.4
Compressive strength, Minimum (specification) value (lb/in <sup>2</sup> ) <sup>(4)</sup>	D1621	15.0	25.0
Flexural strength, minimum (lb/in <sup>2</sup> ) <sup>(5)</sup>	C203	60	75
Water by absorption, maximum (% by volume) <sup>(6)</sup>	C272	0.10	0.10
Water vapor permeance, maximum (perm) <sup>(7)</sup>	E96	1.10	1.10
Water affinity	–	hydrophobic	
Water capillarity	–	none	
Dimensional stability, maximum (% linear change) <sup>(8)</sup>	D2126	2.0	2.0
Linear coefficient of thermal expansion maximum (in/in/°F)	–	2.7x10 <sup>-5</sup>	2.7x10 <sup>-5</sup>
Flame spread <sup>(9)(10)</sup>	E84	5	5
Smoke developed <sup>(9)(10)(11)</sup>	E84	≤155	45-175
Oxygen index, minimum <sup>(9)</sup>	D2863	24	24

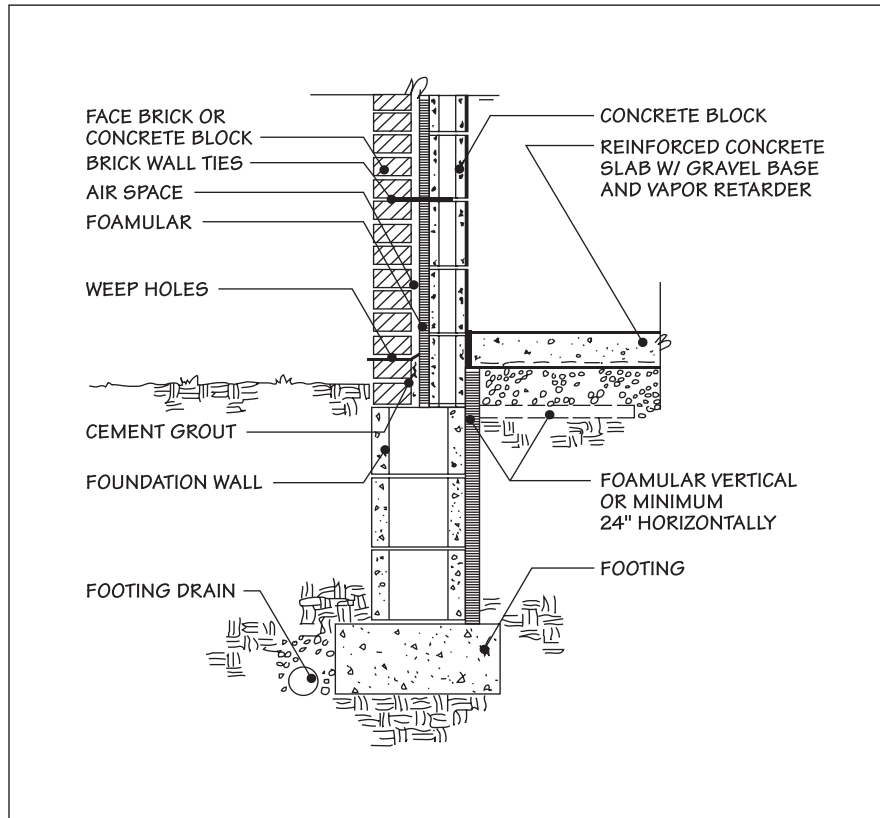
(1) Properties shown are representative values for 1" thick material based upon most recent product quality audit data. (2) Modified as required to meet ASTM C578. (3) Thermal resistance(R) – (hr. x ft.<sup>2</sup> x °F/Btu) – of a 1" thickness 5.0 (at 75°F mean temperature). 5.4 (at 40°F). (4) Value at yield. (5) Value at yield or 5% whichever occurs first. (6) Data ranges from 0.00 to value shown, due to the level of precision of the test method. (7) Actual water vapor permeance data decreases as thickness increases. (8) Data ranges from 0.0 to value shown. (9) These laboratory tests are not intended to describe the hazard presented by this material under actual fire conditions. (10) Data from Underwriters Laboratories, Inc.<sup>®</sup> See Classification Certificate U-197. (11) ASTM E84 is thickness dependent, therefore a range of values is given.

**Standards and Code Compliance:**

- CW15 meets ASTM C-578-95 (type X)
- CW25 meets ASTM C-578-95 (type IV)
- Underwriters Laboratories, Inc.®  
See Classification Certificate U-197
- Meets BOCA 2603, ICBO 2602 and SBCCI 2603

FOAMULAR insulation is produced by Owens Corning's patented HYDRO-VAC® process technology.

For more information on Owens Corning FOAMULAR insulation, contact your Owens Corning representative or call: 1-800-GET-PINK.



INNOVATIONS FOR LIVING™

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