



**FOAM TECHNOLOGIES**

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**MANUFACTURER'S CERTIFICATE OF COMPLIANCE  
FOR  
MATERIALS FURNISHED FOR FOAM CONTROL PLUS PROJECTS**

**CUSTOMER: One Step**

**PRODUCT: Foam Control Type IX**

**MANUFACTURER: ACH Foam Technologies**

**TYPE & GRADE OF MATERIALS: EPS Type IX (1.80#) (25psi)**

**QUANTITY: Truckload**

**MEETS THE REQUIREMENT:**

**ASTM C-578 Type IX 2.75" Average/ R-Value – 13.2**

WE HEREBY CERTIFY THAT THE ABOVE MATERIAL (S) FURNISHED TO **One Step** CONFORMS WITH ALL THE SPECIFIED REQUIREMENTS OF THE **ASTM C-578 Type IX R-Value 2.75" Average/ 13.2** AS INDICATED BY THE ATTACHED TECH DATA. THIS CERTIFICATE OF COMPLIANCE CERTIFIES THE ABOVE INFORMATION IS A TRUE AND CORRECT STATEMENT AND I AM IN A POSITION TO LEGALLY BIND THE MANUFACTURER.

\_\_\_\_\_  
Brad Ward- General Manager

DATE: \_\_\_\_\_

# Foam-Control<sup>®</sup> Plus+<sup>™</sup> 250

## TECHNICAL DATA & PHYSICAL PROPERTIES

### Tech Data 250

Foam-Control <sup>®</sup> Plus+ <sup>™</sup>			250
Nominal Density		lb/ft <sup>3</sup>	2.00
Density <sup>1</sup> , min.		lb/ft <sup>3</sup>	1.80
Design Thermal Resistance* Per 1.0 thickness	25°	°F: ft <sup>2</sup> h/Btu	5.00
	40°	°F: ft <sup>2</sup> h/Btu	4.80
	75°	°F: ft <sup>2</sup> h/Btu	4.40
Compressive Strength @ 10% def. min.*		psi	25.0
Flexural Strength min.		psi	50.0
Water Vapor Permeance of 1.0 in. thickness, max perm			2.5
Water Absorption by total immersion, max, volume%			2.0
<b>ASTM C 578 Material Type<sup>1,2</sup></b>			<b>Type IX</b>

<sup>1</sup> See ASTM C 578 Standard Specification for complete information  
<sup>2</sup> See UL Certificate AFM-1 available from ACH Foam Technologies

# Foam-Control® Plus+™ 250

## TECHNICAL DATA & PHYSICAL PROPERTIES

### Tech Data 250

#### Water Exposure

The mechanical properties of EPS are unaffected by moisture. Exposure to water or water vapor has little effect on the thermal performance of Foam-Control® Plus+™.

#### Adhesives, Coatings, and Chemicals

Solvents which attack EPS include esters, ketones, ethers, aromatic, and aliphatic hydrocarbons and their emulsions, among others. If EPS is to be placed in contact with materials (for their vapors) of unknown composition, pretest for compatibility at maximum exposure temperature. Do not install or use EPS with coal tar pitch, highly solvent extended mastics, or solvent-based adhesives without adequate separation.

#### Building Code Compliance

Foam-Control® Plus+™ meets or exceeds the requirements of ASTM C 578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation." Foam-Control® Plus+™ is monitored for Quality Control and Listed by Underwriters Laboratories Inc./ The International Code Council Evaluation Service recognizes Foam-Control® EPS for building code compliance. See ICC ES ESR-1006.

Foam-Control® Plus+™		250
Compressive Resistance @ 10% deformation, min.	psi	25.0
R-5 Thickness @ 40°F		1.05"
R-7.5 Thickness @ 40°F		1.60"
R-10 Thickness @ 40°F		2.10"
R-15 Thickness @ 40°F		3.15"
R-20 Thickness @ 40°F		4.20"
R-30 Thickness @ 40°F		6.30"
Water Absorption by total immersion, max.	volume%	2.0
ASTM C 578 Material Type <sup>1,2</sup>		Type IX

<sup>1</sup> See ASTM C 578 Standard Specification for complete information  
<sup>2</sup> See UL Certificate AFM-1 available from ACH Foam Technologies

#### Applications

- Perimeter & Underslab Insulation
- Cavity Wall Insulation & Sheathing
- Pre-Cast Concrete Cores
- Green Roofs & Plaza Decks
- Waterproofing Applications

#### Quality Assurance

Thorough evaluations conducted by ICC-ES, combined with ACH Foam Technologies' strict manufacturing specifications and quality control, assures our customers receive a consistently superior product. ACH Foam Technologies provides quality UL labeled EPS products.

#### Warranty

Foam-Control® Plus+™ comes with a 20-year warranty for 100% of its R-Value. Regardless of thickness, density or application - the warranty is the same. 100% for 20-years.

#### Environmental

Well insulated buildings not only perform better, they also reduce greenhouse gas emissions. The energy efficiency of Foam-Control® Plus+™ contributes credits to LEED certified projects. EPS contains no ozone depleting agents and is easily recyclable.

Strength + Energy Efficiency + Moisture Resistance



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