

Wall Specification Grade EPS

FOR EIFS AND STUCCO SYSTEMS

Architectural Design



ACH
FOAM TECHNOLOGIES

LEADING THE INDUSTRY IN EPS MANUFACTURING ●●●

Wall Specification Grade EPS

FOR EIFS AND STUCCO SYSTEMS

ACH Foam Technologies' Foam-Control® EPS solves many construction and design challenges, in addition to adding beauty to residential and commercial buildings. ACH Foam Technologies' Foam-Control® EPS has unlimited design possibilities, making it the perfect insulation for Exterior Insulation Finish Systems (EIFS), Stucco Exterior Wall Systems and Architectural Shapes. See our *Architectural Shapes Catalog* for more design ideas.

EPS meets or exceeds tough exterior wall specifications and has been used in the construction industry for over 40 years. ACH Foam Technologies' Foam-Control® EPS is manufactured with a flat, smooth and square structure to meet ASTM E2430, resulting in reduced labor needed to install and prepare a wall for the coatings application. ACH Foam Technologies can provide Perform Guard® EPS, a proven and safe additive that effectively resists termites.

ACH Foam Technologies simplifies the design and estimating process for Wall Specification Grade Foam-Control® EPS by utilizing innovative computerized technology to accurately design and fabricate EPS for your project. Shorter shipping distances and production lead times combined with a product that is durable and easy to handle, will help save time and money.

ACH Foam Technologies' Foam-Control® EPS is approved by all major EIFS and Stucco Manufacturers in the United States. These products include the following wall claddings: Polymer Based Acrylic (PB), Polymer Modified Mineral (PM) and Mineral Based (MB).

Physical Properties³

Property	Nominal Density	Design Thermal Resistance, min per 1.0 thickness		Compressive Strength ¹ @ 10% deformation	Flexural Strength	Water Vapor Permeance ¹ of 1.0 in. thickness, max, perm	Water Absorption ¹ by total immersion, max, volume %	Oxygen Index ¹ , min, volume %	Flame Spread ²
		75° F	40° F						
Type I	lb/ft ³ (kg/m ³)			psi (kPa)	psi (kPa)	5.0	4.0	24.0	20
	1.00 (16)	°F•ft ² •h/Btu (°K•m ² /W)	°F•ft ² •h/Btu (°K•m ² /W)	10.0 (69)	25.0 (173)				
		3.85 (0.68)	4.17 (0.73)						

Caution: EPS contains a flame retardant; however, it should be considered combustible and not exposed to sources of ignition. ¹ EPS core is manufactured to meet the requirements of ASTM C-578 and E2430 Standard Specification. ² See UL Certificate available from ACH Foam Technologies. ³ R-Value warranty available upon request.

Consult your EIFS or Stucco manufacturer and the local building codes for proper installation procedures. Other sizes and densities available to suit project requirements.

Benefits

- Unlimited Design Potential
- Environmentally Friendly
- Durable & Lightweight
- More R-Value for Less Money
- Time & Labor Savings
- Termite Resistant
- Moisture Protection
- High R-Value
- Excellent Surface Bonding
- Easily Modified at the Jobsite

Installation

Consult your EIFS or Stucco manufacturer and the local building codes for proper installation procedures.

Quality

Thorough fire-safety evaluations conducted by independent laboratories combined with ACH's technical manufacturing expertise and superior quality control, assures our customers receive a consistently outstanding product. ACH Foam Technologies provides quality UL labeled EPS.

Environmentally Friendly

EPS is recyclable, environmentally friendly, and contains no CFCs, HCFCs, HFCs or formaldehyde. It is chemically inert and safe for WTE systems.



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