

ShelterFoam EIFS

Enterprises, Inc

EXTERIOR INSULATED
WALL SYSTEMS

Exterior Insulated Wall Systems (EIFS) Insulation

ShelterFoam EIFS insulation board is an engineered, high-performance rigid board specifically manufactured from Expanded Polystyrene (EPS) to meet Exterior Insulated Wall Systems' (EIFS) system requirements. *ShelterFoam EIFSs* provides superior R-Values with a smooth while meeting building codes and regulations.

ShelterFoam EIFS is manufactured across two product categories:

- Standard Expanded Polystyrene (White) - EPS Type 1
- Premium Graphite Expanded Polystyrene (Gray, Neopor)



ADVANTAGES

- **Stable R-Values:** R-Value maintained through entire product life without thermal drift
- **Mold and Mildew Resistant:** Does NOT support growth
- **Water Resistant:** Underlying closed-cell properties will not readily absorb water from environment
- **Code Conforming:** Manufactured from UL approved raw materials. Recognized by ICC-ES
- **Environment Friendly:** No off-gassing and does NOT contain HFSc, CFCs, or HCFCs
- **Maximum Bonding:** Smooth surface for maximum bonding
- **Premium Quality:** Meets or exceeds ASTM E2430 and C578 Specs with excelled dimension stability

EIFS SYSTEMS AVAILABLE

Stocked sizes: 2' x 4 & 2' x 8'

- STO
- Dryvit
- Parex
- Synergy
- Decoplast
- Additional systems on request

FOR ADDITIONAL RESOURCES VISIT OUR WEBSITE: WWW.SHELTER-ENT.COM

ShelterFoam EIFS				
Physical Properties		EPS Type 1	GPS Type 1	Test
Nominal Density	lb/ft ³ (kg/m ³)	1.0 (16.0)	1.0 (16.0)	C303
R-Value (Nominal Inch)	@ 25°F	3.9	5.0	C518
	@ 40°F	4.2	5.2	
	@ 75°F	4.4	5.4	
Compressive Resistance (10%)	MIN PSI	10.0	10.0	D1621
Flexural Strength	MIN PSI	25.0	25.0	C203
Water Vapor Permeability	Max Per Inch	2.5	4.0	E96
Water Absorption	% Volume*	0.0%	0.0%	C272
Water Absorption	% Weight	2.0%	1.0%	C272
Dimension Stability	% Change	2.0%	2.0%	D2126
Oxygen Index	% Volume	24.0%	24%	D2836
Flame Spread	-	<20	<5	E84
Smoke Developed	-	150-300	<25	E84

*Data is based on XPS water absorption testing. Results indicated XPS swelled, while EPS drained and maintained shape

CUSTOM APPLICATIONS

- Custom Size Billets (Up to 54" Thick)
- Drainage Board (varied thickness)
- CNC profile cutting (Architectures Shapes)
- Structural Panel System
- Higher Densities Available - 1.5# and 2.0#