



EPS Contour Siding Backer

Expanded Polystyrene Foam insulation can be engineered and cut to meet the needs of every new and remodeling siding project. EPS Contour Siding Backer's compressive and flexural strengths provide a resilient and stable backing to the new siding, creating a solid feel to the sided wall. EPS Contour Siding Backer is easy to use, quick to install and will provide immediate and long-term benefits to your project, including R-value.

EPS Contour Siding Backer is environmental friendly and fully recyclable. This product is constructed from inert organic materials and contains no CFC's, HFC's, HCFC's, Dyes or Formaldehyde. EPS Foam Insulation offers the **Best Insulating Value Per Dollar** than any material available today. You can pay more for other insulation products, but why?

EPS Contour Siding Backer Offers

- + Custom manufactured to match the contour profile of ALL major siding configurations. Corner posts and starter strips are also available.
- + EPS Contour Siding Backer offers the best long-term **R-Value (3.85/in at 75°F)** of ALL rigid insulations on the market today, even in the harshest climate conditions.
- + Eliminates air infiltration at the exterior walls. Also eliminates "Fish Mouthing" or "Wavy Walls" the exterior Siding will look like it is freshly painted and gives you a maintenance free exterior wall.
- + EPS Contour Siding Backer is impact resistant, it gives the Sided Wall, a solid feel. The combination of Contour Siding Backer and Siding, reduces the impact damage from hail, errant rocks, balls, or toys.
- + EPS Foam Insulation is environmentally friendly, it allows the exterior wall to breathe, preventing mildew and rot. EPS Contour Siding Backer is fully recyclable.



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Specifications:

Density:

Nominal 1.0 pound per cubic foot (test method ASTM C-303)

R-Value:

3.85 / inch at 75°F (ASTM C-177, C-518)

Water Permeability:

5.0 perm/inch maximum (test method ASTM E-96) not a vapor barrier

Water Absorption:

Less than 4% by volume (test method ASTM C-272)

Flammability:

EPS Contour Siding Backer is manufactured from modified Expandable Polystyrene which is treated with a fire retardant additive. This product is combustible and should not be exposed to an open flame or other ignition sources. This product should be installed in accordance with applicable building codes in your area.

EPS Contour Siding Backer Meets or exceeds physical and thermal property standards as established in ASTM C 578

Technical Data

Property	Units	ASTM Test	Value
Compressive Resistance at 10% Strain Deformation (2" cube)	Min psi (kPa)	D 1621, C 165	10.0 (69)
Flexural Strength	Min psi (kPa)	C 203	25.0 (173)
Thermal Resistance (R-Value)* 75 ± 2° F (24 ± 1° C) 40 ± 2° F (4.4 ± 1° C)	Min R* for 1" thickness	C 177, C5 18	3.85 (0.67) 4.17 (0.0)
Thermal Conductivity (K-Value)* 75 ± 2° F (24 ± 1° C) 40 ± 2° F (4.4 ± 1° C)	BTU/(hr)(Sg.Ft.)(F/in.)	C 177, C5 18	0.260 (1.48) 0.240 (1.37)
Coefficient of Thermal Expansion	In./(In.)(F)	D 696	0.000035
Moisture Resistance Water Absorption by total immersion	% by volume Max	C 272	< 4.0
Water Vapor Permeability of 1" (25.4 mm) thickness max perm	Max perm/in (ng/PA*s*m²)	E 96	5.0 (287)
Oxygen Index	Min Volume %	D 2863	24.0
Dimensional Stability (Change in dimensions)	Max %	D 2126	2.0
Max. Service Temperature Long Term / Intermittent	F		167 / 180
Flame Spread		E84-81A	15 @ 6"
Smoke Developed		E84-81A	95-125
Density, minimum	Min lb/ft³ (kg/m³)	C 303	0.90 (15)
Density, nominal	lb/ft³		1.00

Distributor:

*R means resistance to heat flow. The higher the R-value, the greater the insulating power. Federal Trade Commission requires; using the R-Value publication at 75°F temperature when calculating R-Values of all insulations.

The information in this bulletin is presented in good faith, and is believed to be accurate. All statements are made without warranty expressed or implied.



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