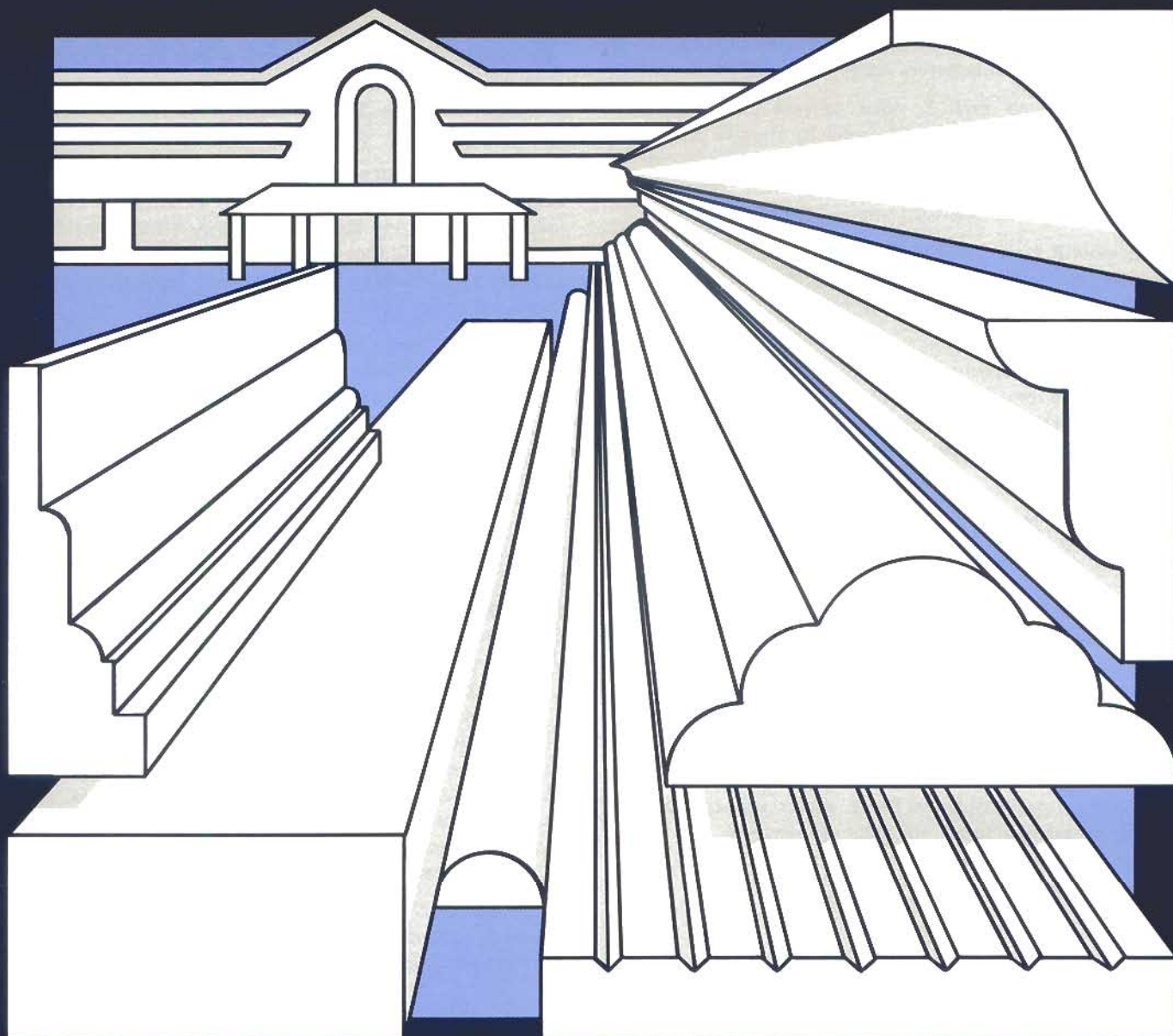




# Exterior Wall EPS Insulation Board



## Design With High Energy Efficiency

- Compatible
- Insulates
- It Breathes
- Resilient
- Strong and Lightweight
- Excellent Surface Bonding

# Exterior Wall EPS Insulation Board

## Advantages

EPS has been used in construction for more than 35 years because it combines high R value and rigid strength with resiliency. It's the proven foundation for major exterior insulation wall coating systems. CELLOFOAM EPS is compatible with the three protective coating types (Polymer Base-all acrylic systems; Mineral Base and Polymer Modified Mineral-acrylic and mineral combination systems) as classified by the Exterior Insulation Manufacturers Association, EIMA.

Energy efficiency and high R value to cost ratio makes CELLOFOAM EPS the insulation of choice by creative professionals in the building industry. Because our insulation can be applied in virtually any shape in a wide range of thicknesses, the look of exterior walls is limitless.

The predictable R value of CELLOFOAM EPS is afforded by the constant insulating value for the life of the wall. There is no reduction of the insulating value because there are no migrating gases.

The passage of moisture as water vapor through CELLOFOAM EPS reduces the risk of moisture damage to the wall structure or the peeling of exterior material. Even as our EPS allows the moisture to pass through, the R value remains relatively unaffected.

## Quality Assurance Program

Cellofoam's insulation meets tough exterior wall specifications. Our quality assurance program insures that quality control procedures are followed throughout the manufacturing process. This program is monitored by Underwriters Laboratories. A quality control manual is retained for inspection by code personnel. This procedure allows Cellofoam to provide "certified" EPS products to the wall industry.

CELLOFOAM Exterior Insulation Board meets industry standards and is manufactured to meet or exceed the requirements of the following major model building codes:

- ASTM C578-87a (formerly HH-I-524C)
- HUD/FHA Use of Material Bulletin #71
- HUD Minimum Property Standards
- ICBO (Section 1712) Compliance Report #3401
- BOCA (Section 2002.2) Compliance Report #82-62
- SBCCI (Section 717) Compliance Report #74200
- Underwriters Laboratories
- Section 1712a of the 1982 UBC Code  
DOE/RCS Standards

CELLOFOAM Exterior Wall Insulation Board is both durable and flexible and can withstand constant temperature change as well as reasonable structure movement without damaging the strong outer surface finish.

While other insulating materials may be too rigid for your needs and can result in cracking of the exterior surface, Cellofoam offers density specifications from 1 to 2 pounds per cubic foot. The density determines rigidity, compressive strength and the thermal resistance best suited to your project.

Minimum densities, when the insulation is mechanically fastened to the wall substrate, may be required by some exterior wall coating manufacturers. A 4 inch thickness of 1 pound per cubic foot density EPS weighs only 6 ounces per square foot which makes it extremely light and easy to work with.

Because maximum bonding ability is of the utmost importance, CELLOFOAM Exterior Wall Insulation Board is manufactured with a textured surface compatible with many types of adhesives and exterior finish coats to ensure a long-lasting and structurally sound wall system.

## Specifications

The exterior wall insulation shall be CELLOFOAM Exterior Wall Insulation Board. It will be produced by a duly licensed manufacturer of Cellofoam North America Inc. Thickness will be a minimum of ½ inch and a maximum of 4 inches. Thickness for each job will be shown on the drawing. The insulation will be smooth and square and will have been air-dried for a minimum period of six weeks. Packaging will be by poly bags, clearly showing the manufacturer, code approvals, testing laboratories and industry affiliations. All insulation must meet third party certification procedures as required by code.

CELLOFOAM Exterior Insulation Board is manufactured to meet or exceed EIMA guideline specifications for molded EPS insulation board.



The performance data herein reflects Cellofoam North America Inc's expectation based on tests conducted in accordance with recognized standard methods. The sale of these products shall be subject to the Terms and Conditions of Sale, INCLUDING those LIMITING WARRANTIES, as set forth in Cellofoam North America Inc's invoices. No agent, employee or representative of Cellofoam North America Inc or its subsidiary or affiliated companies is authorized to modify this disclaimer.

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