

poly shield[®]

Reflective EPS Insulated Sheathing

1 in. Rigid Foam Board by Cellofoam[®]

Dimensions

1 in. x 48 in. x 8 ft. (Fan-Fold style)

3 pieces/carton

Coverage Area: 96 sq. ft.

Note: Product Length is folded / scored at 24" (4 segments) = 8ft. total length

Carton Size: 12" x 24 ½" x 48 ½" ; 12 lbs.

EPS is a versatile cost-effective insulation solution.

Product Features

Pre-cut and Moisture Resistant

Cost Savings – Reduces Energy Costs

EPS Retains R-value Over Time

Light weight & Easy to Install

Third party approvals – Per UL ER7260-01 Meets or exceeds ASTM C578 Standards

3.86
R-value
@ 75° F



Applications & Uses



Install Surfaces: Wood, Concrete, Drywall, Metal



Recommended Locations: Exterior Sheathing, Exterior/Interior Walls, Exterior Wall Foundation, Under Slab



Continuous Insulation (CI): (Exterior Walls only) EPS sheathing provides an uninterrupted layer of insulation over the framing



Can also be used in DIY + Craft projects!

Basic Interior/Exterior Wall Installation

Insulation application requirements vary significantly around the country. Therefore, we recommend that you consult with your local design professional or architect to address your specific project requirements and the specific product end use/application to meet the local building codes.

For product installation of our rigid plastic foam insulation, please follow the local jurisdictional building codes.



1. Prepare materials and protective gear – cut EPS panels if needed.



3. Install Poly Shield[®] with the reflective side facing outward for exterior applications and facing inward towards the living space for interior applications.



2. For adhesive application apply EPS compatible adhesive to wall substrate



4a. Adhesive attachment: Apply pressure to panel to ensure Poly Shield[®] is fully adhered.
4b. Mechanical Fasteners: Apply mechanical fasteners to each panel & spacing according to building code requirements



5. Protect and finish – Install thermal barrier as required. Consult local building codes for covering the EPS finish based on application.

*R means resistance to Heat Flow. The higher the R-Value, the greater the insulating power.

*Please consult local building codes and membrane manufacturers for system requirements.

Warning: This product is combustible and if exposed to a fire of sufficient heat and intensity may burn rapidly. It should not be left exposed or inadequately protected. Protect Cellofoam[®] expanded polystyrene from exposure to hydrocarbons, coal tar pitch, solvents, and solvent fumes. Consult specific instructions and applicable building codes for use of this product.

Cellofoam[®] North America Inc. is an expanded polystyrene foam manufacturer and not an engineering consulting firm. Thus, it is beyond our scope to provide design services on the specific use for our products. Users of our EIFS EPS products should consult with appropriate engineering and code experts to determine the exact type and specifications of EPS required for their project. The sale of these products shall be subject to Terms and Conditions of Sale, including those limiting warranties as set forth in Cellofoam[®]'s invoices. No agent, employee, or representative of Cellofoam[®] North America Inc. or its subsidiary or affiliated companies is authorized to modify this disclaimer. Copyright © 2025 Cellofoam[®] North America Inc.

