



LEVELR™ EXTRUDED POLYSTYRENE FOAM INSULATION

SPECIFICATIONS

LevelR™ Insulation is an extruded polystyrene (XPS) foam insulation board fanfolded for easy installation over existing exterior surfaces. It is used as a rigid foam underlayment for new siding materials. It also features a crimped hinge, allowing the cladding to lie flat.

LevelR™ Insulation is 1/4" or 3/8" thick extruded polystyrene board and is produced in continuous 4' x 50' fanfolded sections with 24" crimped-seam spacing. The flexibility of LevelR™ Insulation aids corner-wrapping, providing sealing effectiveness and a smooth level surface for new siding.

LevelR™ Insulation meets ASTM C578, Type IV - Standard Specification for Rigid Cellular Polystyrene Thermal Insulation. LevelR™ Insulation meets IRC requirements for foam plastic insulation.

TABLE I: FEATURES AND BENEFITS OF LEVELR™ EXTRUDED POLYSTYRENE FOAM INSULATION

Feature	Benefit
Crimped hinge	• Allows cladding to lie flat
Continuous fanfolded sections	• Covers wall studs and cavity, enhancing thermal efficiency and moisture management
Wraps easily around corners	• Improves sealing without breakage or reinforcement
Flat seams	• Simplifies installation over old siding

INSTALLATION

Before covering a wall with insulation and new siding, make sure the wall is sound. Do not install siding over walls that have deteriorated from moisture, insects or other causes.

1. Cover the exterior surface completely with LevelR™ Insulation. Butt the board edges tightly together. After measuring, score panels with a utility knife, then snap off the excess over the edge of the work surface.
2. Measure the combined thickness of the insulation and new siding. Use this measurement to determine the thickness of the door and window jamb extensions. Extend flashings. The sills may also need to be extended. Have a qualified electrician extend outlets, light fixtures, doorbell buttons and other electrical items.
3. Align the fanfolded boards along the bottom edge of the home or with the siding starter strip.
4. Nail boards directly over existing surface. Use nails recommended for cladding product. Make sure nails go through the insulation, the existing surface and into the framing. This nailing pattern serves as a guide when driving the cladding nails later on. Do not overdrive nails. This can crush the insulation and can also cause a wavy siding installation.
5. Tape all joints with DuPont™ Styrofoam™ Brand Tape or install DuPont™ Tyvek® WRB according to manufacturer's installation guide.
6. Apply cladding and trim. Use nails recommended for cladding product. Be sure nails go through the insulation, existing surface and into the framing.
7. Follow the cladding manufacturer's installation instructions.

Materials Checklist

To install LevelR™ Insulation, you will need:

- Safety goggles
- Measuring tape
- Carpenter's folding ruler
- Level
- Utility knife
- Chalk line
- Hammer or power nailer
- Portable power saw
- Handsaw
- Nails (foam, cladding, jamb)
- Carpenter's metal square
- Cladding
- J-channel and trim
- Jamb and sill extenders
- DuPont™ Styrofoam™ Brand Tape, or
DuPont™ Tyvek® WRB with Tyvek® Tape

TABLE 2: TYPICAL PHYSICAL PROPERTIES OF LEVELR™ EXTRUDED POLYSTYRENE FOAM INSULATION

Property and Test Method	Value
Thermal Resistance@ 1/4"-3/8", ASTM C518@ 75° F mean temp., ft ² ·h·°F/Btu, R-value ¹ , min.	R-1
Density, ASTM D1622	
Fresh, foam core only, min.	1.9
Fresh, foam core, max.	2.9
Flame Spread ² , ASTM E84	10
Smoke Developed, ASTM E84	200

⁽¹⁾ R-value measures means resistance to heat flow. The higher the A-value, the greater the insulating power.

⁽²⁾ This numerical flame spread rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.



www.goadams.com

R.L. ADAMS PLASTICS, INC.

For sales and technical information: (616) 261-4400

5955 Crossroads Commerce, Wyoming, MI 49519



DuPont believes this information to be reliable. It may be subject to change as additional knowledge and experience are gained. It is not intended as a substitute for any testing you may conduct to determine for yourself the suitability of our products, alone or in combination with other products, for your particular purpose. The DuPont product shown in this literature may not be available for sale and/or available in all geographies where DuPont is represented. The claims made may not have been approved for use in all countries or regions. Since conditions for use are outside DuPont's control, DUPONT DE AND ITS AFFILIATES MAKE NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ASSUMES NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION OR PRODUCT. This information is not intended as a license to operate under or a recommendation to infringe any trademark, patent or technical information of DuPont or other persons covering any material or its use.

LevelR™ is a product manufactured by R.L. Adams Plastics, Inc. Please contact R.L. Adams Plastics, Inc. for all questions regarding their product as described in this summary. The information provided herein is not a substitute for any testing you may need to conduct to determine for yourself the suitability of these products, alone or in combination together, for your particular purpose. As conditions for use are outside the DuPont's control, DuPont de Nemours, Inc. and its affiliates make NO EXPRESS OR IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE related to the products or information described by R.L. Adams Plastics, Inc., individually or in combination with any DuPont product.

© 2025 DuPont. All rights reserved. DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, SM or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted.

43-D101364-enUS-0225 CDP (2/14)