



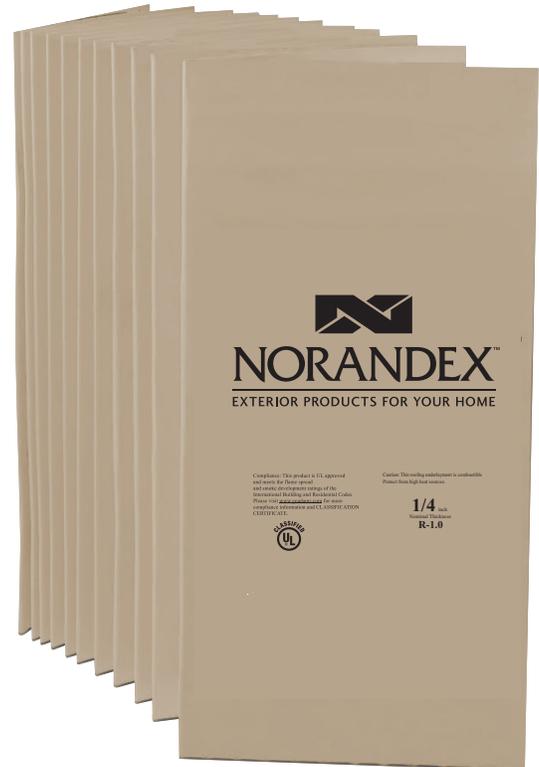
NORANDEX 1/4" EXTRUDED POLYSTYRENE FOAM INSULATION

NORANDEX 1/4" 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 straight cut hinge, allowing the cladding to lie flat.

NORANDEX 1/4" is a nominal 1/4" thick extruded polystyrene board and is produced in continuous 4' x 48' fanfolded sections with 24" crimped-seam spacing. NORANDEX 1/4" provides sealing effectiveness and a smooth level surface for new siding.

NORANDEX 1/4" Insulation meets ASTM C578, Type IV – Standard Specification for Rigid Cellular Polystyrene Thermal Insulation.

NORANDEX 1/4" Insulation meets IRC requirements for foam plastic insulation.



Features and Benefits of NORANDEX 1/2" EXTRUDED POLYSTYRENE FOAM	
Feature	Benefit
Straight cut hinge	Allows cladding to lie flat
Continuous fanfolded sections	Covers wall studs and cavity, enhancing thermal efficiency and moisture management
Flat seams	Simplifies installation over old siding

Built Green

Norandex supports initiatives that help preserve our environment, and we strive for environmental sensitivity in our manufacturing processes and in our products. Norandex insulating foams:

- contain no VOCs*
- are formaldehyde-free
- are not a known food source for mold or insects
- are recyclable (extruded polystyrene)



NORANDEX™

EXTERIOR PRODUCTS FOR YOUR HOME

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 NORANDEX 3/8" 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 construction tape (2-7/8" wide).

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.

Typical Physical Properties of NORANDEX 1/4" EXTRUDED POLYSTYRENE FOAM INSULATION

Property and Test Method	Value
Thermal Resistance @ 1/4", ASTM C518 @ 75°F mean temp., ft ² •h•°F/Btu, R-value(1), min.	3/8" = 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 means resistance to heat flow. The higher the R-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.



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1 ABC Parkway, Beloit, WI 53511 | www.norandex.com