

R.L. ADAMS HOME BARRIER SYSTEM



POLYCORE 2000: THE BUILDER & REMODELER'S CHOICE.....HOUSE WRAP ALTERNATIVE

POLYCORE 2000 is an extruded polystyrene (XPS) rigid foam insulation underlayment for easy installation over exterior surfaces that features a straight cut hinge, allowing the siding to lie flat. POLYCORE 2000 is a nominal 1/4" produced in continuous 4' x 48' fanfolded sections providing sealing effectiveness and a smooth level surface for new siding.

FEATURES & BENEFITS:

- Eliminates the Subgrade Installation cost & material of House Wrap
- Easier to Install whether by a panelizer or wood frame builder
- Reduces Air Infiltration verses House Wrap when taped properly
- Offers R-1.0 thermal resistance
- Creates air/water gasket performance at penetration
- Less cumbersome to install than typical 9' rolls of House Wrap
- Can use standard 2-7/8" wide construction L& sill tape for all joints and window openings.

POLYCORE 2000 insulation meets ASTM C578, Type IV – Standard Specifications for Rigid Cellular POLYSTYRENE Thermal Insulation. POLYCORE 2000 Insulation meets IRC requirements for foam plastic insulation. May be used as alternative water-resistive barrier as prescribed in Section 1404.2 of the IBC, Section 703.2 of the IRC, and Section 1402.1 UBC, when installed on exterior walls as described in this section.

BOTTOM LINE: SAVES MONEY!

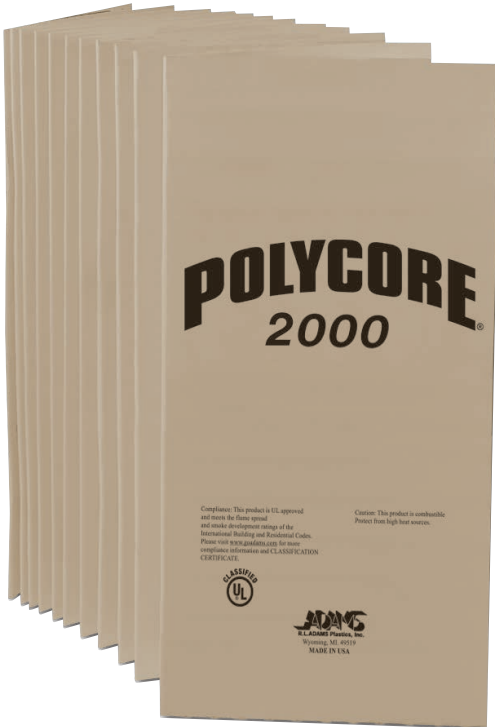


BUILD GREEN WITH R.L. ADAMS PLASTICS

R.L. Adams Plastics supports initiatives that help preserve our environment, and we strive for environmental sensitivity in our manufacturing processes and in our products. R.L. Adams produces insulating foams that:

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

* Visit www.goadams.com for more information in the Building Products section under Environmental Benefits



**TABLE 1: TYPICAL PHYSICAL PROPERTIES OF POLYCORE 2000
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.	1/4" = R-1
Compression Strength	8 psi
Density, ASTM D1622 Fresh, foam core only, min. Fresh, foam core, max.	1.9 2.9
Flame Spread ⁽²⁾ , ASTM E84	10
Smoke Developed, ASTM E84	200
Nominal Thickness	1/4" (actual 0.21")

(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.

NOTICE: No freedom from any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries or regions. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO EXPRESS WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY DOW. ALL IMPLIED WARRANTIES INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

CAUTION: This product is combustible. Protect from high heat sources. A protective barrier or thermal barrier may be required as specified in the appropriate building code. For more information, consult www.goadams.com or call R.L. Adams Plastics 1-800-968-2241 or contact your local building inspector.

WARNING: Rigid foam insulation does not constitute a working walkable surface or qualify as a fall protection product.

Building and/or construction practices unrelated to building materials could greatly affect moisture and the potential for mold formation. No material supplier including Dow can give assurance that mold will not develop in any specific system.



www.goadams.com

R.L. ADAMS PLASTICS, INC.

FOR SALES AND TECHNICAL INFORMATION: 1-800-968-2241

5955 Crossroads Commerce • Wyoming, MI 49519