POLYCORE ROOFING UNDERLAYMENT

R.L.ADAMS Plastics, Inc.

Polycore Roofing

is an extruded polystyrene (XPS) foam insulation fanfolded with a patented hinged seam to provide the best qualities of both a crimped and straight cut folded seams. The durable special blend film creates a water resistant board and is is highly resistant to heat flow and moisture penetration. **The film facers are compatible to most mechanically fastened roof membranes used in the roofing industry.**

Use As A Recover Board Over:

- Granulated or smooth cap sheets
- Smooth built-up roof systems
- Aggregated surfaced built-up roofs (3/8 inch aggregate, max)
- Aged coal tar pitch roof systems
- Single-ply membranes
- Refer to Table 1 for physical properties

Figure 1: Underlayment Fastener Suggested Pattern

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 RL 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. While POLYCORE extruded polystyrene foam insulation (XPS) is made of synthetic materials that are recognized as not providing a food source for insects, fungus mold or mildew. No material supplier including Dow can give assurance that mold will not develop in any specific system.

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*

Compliance: ICC-ES Evaluation Report ESR-3914 Underwriters Laboratories, Inc – File: R13603

Installation:

- Must adhere to roofing membrane manufacturer's installation specifications
- Panels must be kept dry before, during and after installation. Install only as much fanfold board as can be covered the same day with completed roofing
- Abut panel edges together and stagger joints of the adjacent panels
- Boards must be neatly fitted to roof deck and around penetrations with no gaps greater than ¼"
- Precautions must be taken to ensure that new concrete decks have fully cured and do not continue to release moisture
- Use fasteners and plates recommended by membrane supplier and/or meets local code requirements (see figure 1)

Table 1: Features and Benefits of POLYCORE ROOFING Underlayment

Property and Test Method	Value
Thermal Resistance @ 1/4 and 3/8", ASTM C518 @ 75°F mean temp, ft ²•h•°F/Btu, R-value (1), min.	1/4" = R-1.0 3/8" = R-1.5
minimum Compression Strength	15 psi
Water Vapor Transmission Rate (Perm)	1.8
Water Absorption (max. % by Volume)	.01
Flame Spread (2), AST m E84	10
Smoke Developed, AST m E84	200-350

(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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FOR SALES AND TEC HNICAL INFORMATION: 1-800-968-2241

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