

GreenGuard®

Applications

LG XPS insulation board for continuous insulation behind siding



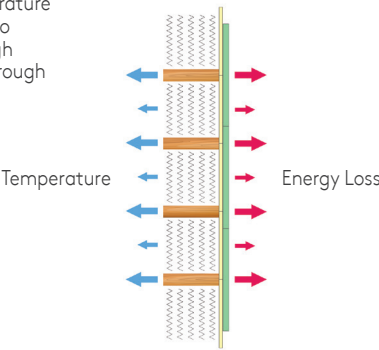
- Exterior continuous insulation (CI) helps block energy loss
- Creates level surface for new siding
- R-Value of 5.0 per inch of thickness
- Highly moisture resistant
- Maintains integrity
- Blowing agent blend of GWP of less than 50

XPS-LG insulation board for continuous insulation behind siding

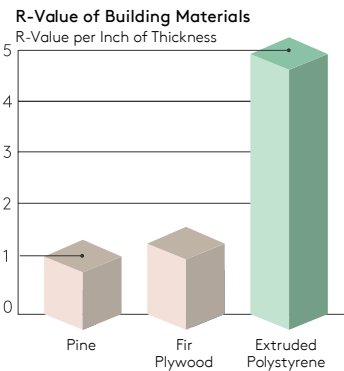


Wood is not a good insulator

Energy loss and temperature transfer from outside to inside is greater through wood framing than through wall cavity insulation.



Extruded Polystyrene is a good insulator



Continuous Insulation (CI) with a layer of XPS, reduces energy loss and temperature transfer through both wood framing and wall cavity insulation.

Sealing Seams

Use Kingspan GreenGuard® Butyl Flashing for an effective seal at seams.

Product Data		
Property	Test Method	Result
Nominal Thickness (in)		1/2 3/4 1

Thermal Resistance, R-value ¹ (°F·ft ² ·hr/Btu per in thick)	ASTM C578 (@75°Mean Temperature)	2.8 3.8 5.0
Water Absorption, Max. (% by volume)	ASTM C272	0.3 0.3 0.3

¹ R-values listed are in accordance with the testing requirements of ASTM C578 and are based on 1" aged product at 75°F mean temperature.

Size Availability				
Nominal Thickness (in)		1/2	3/4	1
2 x 8	Shiplap Edge	●	●	●
2 x 8	Square Edge			●
4 x 8	Shiplap Edge			●
4 x 8	Square Edge	●	●	●

Description

Kingspan GreenGuard® XPS-LG Insulation Board comprises closed-cell extruded polystyrene (XPS) with a minimum compressive strength of 25 psi. It has an R-value of 5.0 per inch of thickness. It is characterized by low water absorption and retention of R-value over time.

Compliance

Intertek CCRR-1021;
Intertek CCRR-1022 (.56", .75");
CA BEARHFTI Lic. No. TB1334;
Florida Product Approval;
CCMC 12722-L;
Miami-Dade County, FL;
UL Listings - R11183.

To ensure you are viewing the most recent and accurate product information, please visit this link <https://www.kingspan.com/us/en/products/rigid-insulation/insulation-board/>

For more information on specific building product recommendations and installation guidelines, contact your Kingspan Insulation LLC representative.

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