FOAMULAR® INSULATION MAY BE THE PERFECT CHOICE

For decades, countless building designers and engineers have found FOAMULAR® extruded polystyrene insulation to be the perfect choice for a myriad of applications. FOAMULAR® insulation has a long term stable thermal resistance of R-5 per inch, measured after real time aging. It has a high resistance to moisture because it is closed cell and composed of hydrophobic polystyrene polymer, achieving its resistance to water without relying on facers. FOAMULAR® insulation has a wide range of compressive strengths and it enables sustainable building design concepts.

Choose FOAMULAR® insulation for your current and future projects.

FOOTNOTES

1. CAN-ULC-S770-03. Standard Test Method for Determination of Long-Term Thermal Resistance of Closed Cell Thermal Insulating Foams; Underwriters Laboratories of Canada, 7 Underwriters Road Toronto ON M1R 3B4
2. Testing LTTR, Testing Reveals the LTTR Method May be Over-Reporting Results, by Mark S. Graham; Professional Roofing, January 2006. National Roofing Contractors Association, 10255 W. Higgins Road Suite 600, Rosemont, IL 60018-5607
3. ASTM C 578-06. Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation: ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959
4. ASHRAE 90.1: "Energy Standard for Buildings Except Low-Rise Residential Buildings"; American Society of Heating, Refrigerating and Air-Conditioning Engineers, 1791 Tullie Circle, N.E. Atlanta, GA 30329
5. Underwriters Laboratories Roof Deck Construction #457, tested in accordance with UL Standard 1256.
6. FOAMULAR® Roofing and Waterproofing Manual, Owens Corning Publication No. 23149-A
7. Design Guide for Frost-Protected Shallow Foundations: NAHB Research Center, Upper Marlboro, MD; June 1994
8. Standard Specification for Extruded Foam Insulation Board (Polystyrene); AASHTO Designation: M230; American Association of State Highway and Transportation Officials
9. "FOAMULAR® Extruded Polystyrene Insulation Recycled After 17 Years on the Job at DFW Airport," Owens Corning Publication No. 59400
10. LEED-NC for New Construction, Version 2.2, U.S. Green Building Council, 1015 18th Street NW, Suite 508, Washington, D.C. 20036
11. Metal roof insulation case study, "Pink FOAMULAR® Insulation Holds its Value," Owens Corning Publication No. 10004083

The information in this document is from the USA. All measures are imperial not metric.

FOAMULAR® EXTRUDED POLYSTYRENE INSULATION
Product Selection Guide

Construction Application	FOAMULAR® Product	SCS	GG	ASTM C578 Type	
GENERAL PURPOSE	150	✚	🌐	X	Slab edge, foundation, under light slab, steel stud sheathing, masonry cavity wall, concrete tilt-wall, etc
	250	✚	🌐	IV	
WALL					
Sheathing	Insulating Sheathing	✚	🌐	X	Laminated □lm on both sides for added strength
	ProPink®	✚	🌐	X	Reinforced laminated □lm on both sides for extra added strength
Masonry Cavity Wall	CW15	✚	🌐	X	15 and 25 psi, 16" wide, □ts between wall ties
	CW25	✚	🌐	IV	
	High-R CW Plus	✚	🌐	IV	25 psi, 16" wide, □ts between wall ties. Higher R per in
Z-Furring	InsulPink Z®	✚	🌐	X	Fits between Z-furring on inside surface of unit masonry or concrete walls
Insulated Concrete Sandwich Panels	PinkCore®	✚	🌐	IV	Connector ties also available as part of structural wall system
ROOF					
Low Slope Commercial Roo□ng, Architectural Metal Roo□ng	ThermaPink® 18	✚	🌐	X	18, 25, 40 psi, used in a variety of roo□ng systems over a variety of deck types
	ThermaPink® 25	✚	🌐	IV	
	ThermaPink® 40	✚	🌐	VI	
Recover Roo□ng	DuraPink®	✚	🌐	IV	Used over existing membrane and under new mechanically attached single-ply
	DuraPink® Plus	✚	🌐	IV	Fabric facer to separate XPS from new PVC membrane
PRMA, Plaza Deck, Waterproo□ng	404	✚	🌐	VI	Bottom side drainage channels on 4 edges for PRMA
	604	✚	🌐	VII	
	404RB	✚	🌐	VI	Bottom side drainage channels and top side ribbed surface for use under pavers in PRMA
	604RB	✚	🌐	VII	
	600	✚	🌐	V	High load, vehicular traf□c
	1000	✚	🌐	V	Higher load, vehicular traf□c
UNDER SLAB					
Load Bearing, High Strength, Under Industrial Slabs	400	✚	🌐	VI	40, 60, 100 psi compressive strength. Engineer to match FOAMULAR® compressive strength needed to load on slab and slab design. Ranges from light pedestrian to heavy equipment and storage.
	600	✚	🌐	VII	
	1000	✚	🌐	V	
Under Slab, Low Temperature Storage	LT30	✚	🌐	IV	30 psi. Light to medium loads
	LT40	✚	🌐	VI	40 psi. Heavier loads
FOUNDATION					
Foundation	Insul-Drain®	✚	🌐	IV	Filtration fabric faced with drainage channels in foam

OWENS CORNING®
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OWENS CORNING FOAM INSULATION, LLC
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO 43659
1-800-GET-PINK™
www.owenscorning.com

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Minimum 20% post-industrial recycled polystyrene based on a weighted plant-wide average
20% Recycled Content
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GREENGUARD® Indoor Air Quality Certified

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