



FOAMULAR[®]
Energy-Saving, Moisture-Resistant XPS Insulation

Energy
efficient
product

Greener
solution



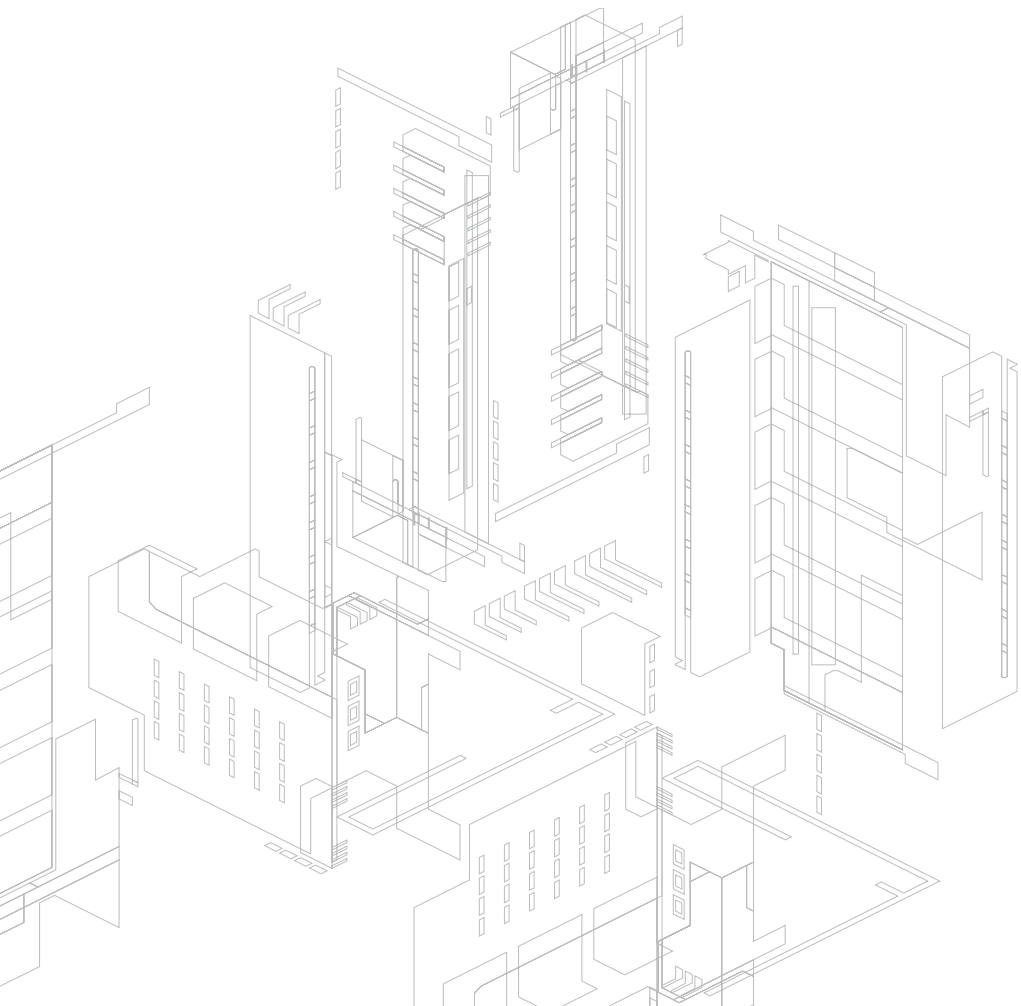


High thermal performance



More
energy
efficiency

FOAMULAR® XPS INSULATION
ARCHITECTS, BUILDERS AND C
FACE—FINDING A PRODUCT T
CODES AND GREEN BUILDING
VERSATILE, EXTREMELY MOIST
OFFERS OUTSTANDING PERFO



SOLVES THE PROBLEM CONTRACTORS CURRENTLY THAT MEETS CHANGING MANDATES, YET IS HIGHLY FUTURE RESISTANT PLUS PERFORMANCE.



Trusted performance

Almost all construction materials are exposed to water at some point. Whether it's liquid, vapor or solid ice, FOAMULAR® XPS insulation has a high resistance to moisture in any form thanks to its closed-cell structure and hydrophobic polystyrene polymer construction.

While foam insulations made using other processes may fall apart, the well-defined, uniform cells of FOAMULAR® insulation have continuous, void-free walls that withstand moisture penetration and loss of R-value. In fact, it has a remarkable long-term stable thermal resistance of R-5 per inch—giving it the ability to maintain 90% of its R-value for 20 years*.

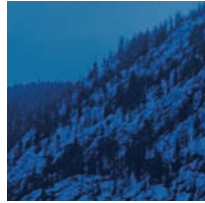
In addition to giving it incredible moisture resistance, the closed-cell structure of FOAMULAR® XPS insulation also gives it enhanced strength and durability. It's available in a wide range of compressive strengths to meet the needs of any design, accepts its design load with little deformation, and is also resistant to abuse when back-filling.

These exceptional features combined not only create a high-performance foam insulation—they offer a highly energy-efficient, moisture-resistant foam insulation solution.

Versatile applications

FOAMULAR® XPS insulation is the perfect choice for a variety of residential and commercial building insulation applications. From below-grade foundation and under-slab insulation to many different above-grade wall and roof insulation systems—including commercial continuous insulation—it delivers the outstanding thermal, moisture and durable performance you expect.

*See actual warranty for details.



FOAMULAR® XPS INSULATION
THE ENERGY EFFICIENCY AND
GREEN BUILDING REGULATION
DESIRE AND THAT YOUR CUSTOMERS



Energy-efficient product

There are many ways FOAMULAR® XPS insulation is friendlier to the planet.

- FOAMULAR® XPS insulation is the only extruded polystyrene insulation that has certified recycled content¹—contains 20% recycled content¹
- FOAMULAR® XPS insulation is also the only extruded polystyrene product certified by the GREENGUARD Environmental Institute's GREENGUARD Children and Schools Product Certification under the GREENGUARD Standard for Low Emitting Products²
- FOAMULAR® XPS insulation is an integral part of achieving an ENERGY STAR®-certified building. ENERGY STAR®-certified buildings include energy-saving features that typically make them 20–30% more efficient than standard buildings
- It makes designing energy-efficient building envelopes possible and contributes to the total recycled content of projects
- In the LEED® Green Building Rating System³, the single largest point-scoring opportunity is for achieving levels of energy performance above those prescribed in ASHRAE 90.1⁴ when using insulation. FOAMULAR® continuous insulation sheathing over steel studs, or in masonry walls, enables buildings to achieve energy-efficiency design goals with long-term R-value that sustains energy efficiency over the life of the building envelope
- FOAMULAR® XPS insulation is also the first insulation to be approved under the National Association of Home Builders (NAHB) Research Center Green Approved Products seal of approval. Approval indicates third-party documentation that a building product contributes to the compliance with specific green practices for National Green Building Certification to the National Green Building Standard™

HELPS YOU ACHIEVE SUSTAINABILITY THAT ANS CALL FOR, THAT YOU CUSTOMERS DEMAND.



Pre-consumer
SCIENTIFIC CERTIFICATION SYSTEMS
SCS-MC-01132



¹ Scientific Certification Systems— independent, third-party and certification service for recycled content—certified FOAMULAR® insulation to have at least 20% pre-consumer recycled polystyrene based on a weighted 3-plant average. SCS Certificate Registration Number SCS-MC-01132.

² GREENGUARD Indoor Air Quality Certified, GREENGUARD Environmental Institute; FOAMULAR® Certification No. In4PF91213-2. The GREENGUARD Environmental Institute is an independent, non-profit organization that oversees the GREENGUARD Certification Program™ including the establishment of acceptable standards for indoor products and testing protocols. For more information, visit www.greenguard.org.

³ LEED-NC for New Construction, Version 3.0, U.S. Green Building Council, 1015 18th Street N.W., Suite 508, Washington, DC 20036.

⁴ ASHRAE 90.1; American Society of Heating, Refrigerating and Air-Conditioning Engineers, 1791 Tullie Circle, N.E., Atlanta, GA 30329.

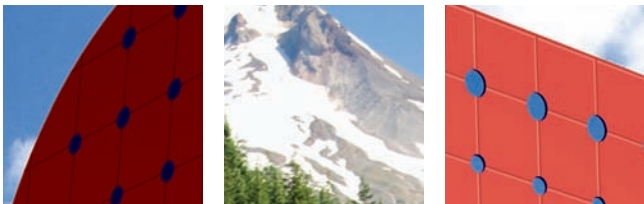



Owens Corning



Embracing change

BY ADOPTING A MANUFACTURE
WITH A ZERO OZONE DEPLETION
WE'RE GOING ABOVE AND BEYOND
COMPLYING WITH CHANGING
WE'RE ALSO MAKING XPS FOAM
AVAILABLE. IN FACT, OUR NEW
THE FIRST TO OFFER A RELIABLE
IN THE PACIFIC NORTHWEST.





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The opportunity

All foam manufacturers will have to change their manufacturing processes in order to comply with the Montreal Protocol. It doesn't mean, however, you have to wait for a friendlier insulation solution. Or that you have to go far for it—Owens Corning now offers a reliable source of XPS foam in the western United States. Plus, to keep you even further ahead of the game, we're already using a new blowing agent in our manufacturing process that is environmentally conscious in these ways:

- Zero ozone depletion formula
- 70% reduction in greenhouse gas emissions

FOAMULAR® XPS insulation is your chance to offer insulation solutions to your customers. It's also an opportunity to work with a manufacturer committed to providing you with more energy-efficient, environmentally conscious products. By using FOAMULAR® XPS insulation, you can feel confident that you will get the same trusted performance backed by the building materials industry leader—Owens Corning.

The concern

An important environmental concern specifically related to foam insulation is ozone depletion. Ozone-depleting substances—or ODS, as this broad family of chemicals has come to be known—damage the ozone layer by causing it to thin. To help stop the depletion of the earth's ozone layer, the Montreal Protocol was developed.

The Montreal Protocol

The Montreal Protocol on Substances that Deplete the Ozone Layer sets a mandatory timetable for the phaseout of ozone-depleting substances. It is the first global environmental treaty that is legally binding, making it one of the most successful environment protection agreements in the world to date.

Extruded polystyrene foam insulation includes the use of HCFC-142b, a foam-blowing agent, in its manufacturing process. Because of the role hydrochlorofluorocarbons (HCFCs) play in the depletion of the ozone layer, the Montreal Protocol states that as of January 1, 2010, production and import of HCFC-142b will be banned.

The image shows three rectangular sheets of a purple, textured foam material stacked on top of each other. The sheets are slightly offset, creating a sense of depth. The top sheet is the most prominent, showing its top surface and one side. The middle and bottom sheets are partially visible underneath. The overall color is a muted, dusty purple. The text 'Use FOAMULAR®' is overlaid in white, bold, sans-serif font across the center of the image.

Use
FOAMULAR®

A close-up photograph of a vibrant green leaf, showing a detailed network of veins. The central vein runs vertically down the middle, with smaller veins branching out to the left and right. The leaf's surface has a slightly textured appearance, and the lighting highlights the intricate patterns of the vascular system.

**Save
energy**

YOU ASKED. WE LIST AND SOLUTIONS THAT EASILY AVAILABLE. BE A BETTER PLA IT IS MO

Delivering on the promise of a greener tomorrow

Owens Corning understands the importance of meeting the needs of the present without compromising the future. We know that in order to make a difference, the sustainable products and solutions we offer must be readily available.

Providing a reliable source of XPS foam insulation in the western United States and making protective products like FOAMULAR® XPS insulation available is important to us. As a matter of fact, it's so important, we built a new plant in Gresham, Oregon.

But we didn't stop there. The new Gresham plant is built to meet LEED® certification requirements. In fact, it's the only LEED® certified facility making XPS insulation in the Pacific Northwest. Not to mention it's the first XPS foam insulation plant in the Pacific Northwest to use an XPS foam-blowing agent that conforms to the Montreal Protocol in advance of the 2010 mandate.

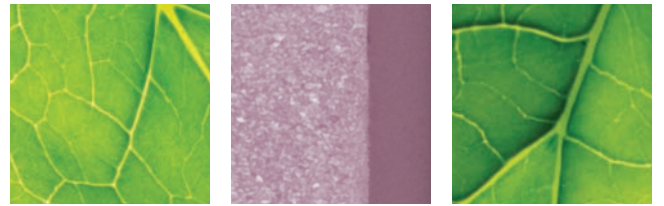
Our Gresham plant also helps support our commitment to the environment in these ways:

- It helps us reach our established 10-year goal to reduce greenhouse gas emissions by 30% from 2002 levels
- The products made at the Gresham plant have a positive net benefit on global warming, meaning that the greenhouse gases that are saved by our foam in the form of reduced energy outweigh the energy used to manufacture it
- The location of the plant reduces transporting distances, preventing at least 500 tons of CO₂ from being emitted each year, which is the equivalent to saving the use of more than 50,000 gallons of gasoline

With FOAMULAR® XPS insulation, you have Owens Corning quality, performance and reliability, plus the knowledge that you're contributing to a cleaner, more sustainable environment.



ENED. WE OFFER PRODUCTS
ARE ENERGY EFFICIENT AND
CAUSE LEAVING THE PLANET
ACE THAN WHEN WE FOUND
RE THAN A COMMITMENT—
IT'S A RESPONSIBILITY.



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Energy-Saving, Moisture-Resistant XPS Insulation

FOR MORE INFORMATION ON
HOW FOAMULAR® INSULATION
PRODUCTS CAN HELP YOU MINIMIZE
ENERGY LOSS IN YOUR CUSTOMERS'
PROJECTS, CALL 1-800-GET-PINK,[™]
VISIT WWW.GRESHAMFOAM.COM
OR CONTACT YOUR OWENS CORNING
AREA SALES MANAGER TODAY.



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