



Insulation

Proudly manufactured in Canada. 🍁



Building a better future.

superformicf.com



SuperForm™
MAX+



SuperForm MAX+ is one option available from SuperForm Products. It is a premium Neopor® graphite polystyrene (GPS) rigid foam insulation. MAX+ features all of the performance attributes of EPS+, complimented by the added benefits of a unique graphite cell structure. SuperForm MAX+ delivers one of the most efficient, cost effective, and sustainable insulation products available. Additionally, MAX+ meets CAN/ ULC S701 and ASTM C578 Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation.

SuperForm MAX+ uses high-purity, graphite particles to create a reflective cell structure. This distinct cell structure reflects radiant heat as it travels through the insulation. Get maximum energy efficiency, stability and durability, and moisture management with MAX+.

Cost Effective

- Impressive cost savings per R-value and Compressive Strength

Stable R-Value

- Provides a stable R-value that does not deteriorate over time.

Compressive Strength

- Available in 10, 16, 20, 25, and 30 psi.

Moisture Resistance

- Closed cell polystyrene insulation proven to resist moisture gain.

Drying Potential

- Designed to quickly release moisture and maintain its R-value over time.

Low Environmental Impact

- Does not use or contain ozone-depleting blowing agents such as HFCs.

Dimensional Availability

- Options to suit every application – standards sizes or custom cut to your needs.

User Friendly

- MAX+ is light in weight and very easy to cut and install.



SuperForm™
EPS+



SuperForm EPS+ is another option available from SuperForm Products. It is a high-grade expanded polystyrene (EPS) rigid foam insulation. It provides a dependable insulation product that can be used for almost every type of building insulation application. A stable R-value and compressive strength provide an inexpensive, energy-efficient insulation solution available in a wide range of thicknesses. Additionally, EPS+ meets CAN/ ULC S701 and ASTM C578 Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation.

EPS+ is manufactured from expanded polystyrene resin using a pentane blowing agent. This process does not use the hydrofluorocarbons (HFCs) typically used to produce XPS. The result is a closed, air-filled cell structure that does not contain HFCs with a very low impact on the environment.

Cost Effective

- Impressive cost savings per R-value and Compressive Strength

Stable R-Value

- Provides a stable R-value that does not deteriorate over time.

Compressive Strength

- Available in 10, 16, 20, 25, 30, 40, and 60 psi.

Moisture Resistance

- Closed cell polystyrene insulation proven to resist moisture gain.

Drying Potential

- Designed to quickly release moisture and maintain its R-value over time.

Low Environmental Impact

- Does not use or contain ozone-depleting blowing agents such as HFCs.

Dimensional Availability

- Options to suit every application – standard sizes or custom cut to your needs.

User Friendly

- EPS+ is light in weight and very easy to cut and install.

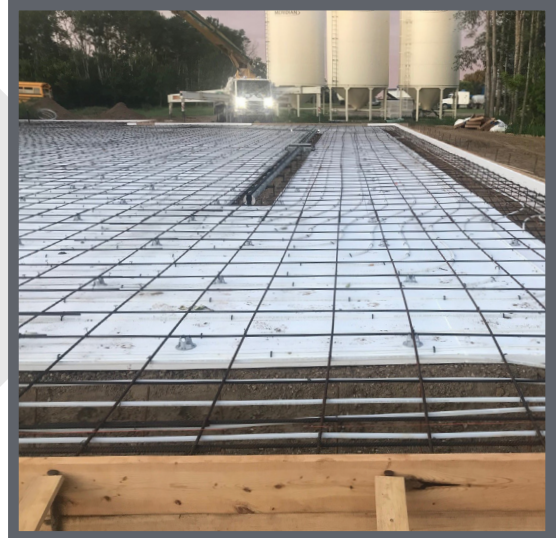
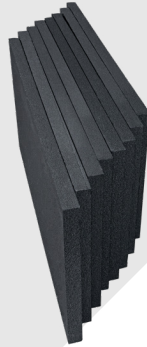


SuperForm™

Below Grade

SuperForm Insulation is the choice for every below grade application. Insulating your projects with EPS+ or MAX+ provides continuous insulation, eliminating thermal bridging, increases your total effective R-value; creating a comfortable space and increasing your energy savings. Perimeter and foundation slab accounts for up to 25% of a buildings heat loss making it a critical component of the an energy-efficient building envelope.

Product types: EPS+ 16, 20, 25, 30, 40, 60, MAX+ 16, 20, 25, 30



SuperForm™

Above Grade

SuperForm Insulation is ideal for both residential and commercial projects. It is light weight, energy efficient, and delivers endless design options. Our Insulation provides a breathable thermal layer that is easily affixed to the substrate with an adhesive or mechanical fastener. Its closed, air-filled cell structure is designed to resist and quickly release moisture, helping it retain its R-value over time.

Product types: EPS+ 10, 16, 20, 25, 30, 40, 60, MAX+ 10, 16, 20, 25, 30

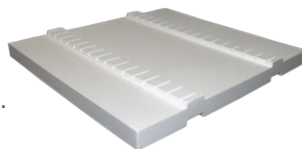


SuperForm™

Hydro Panel

SuperForm Hydro Panels are designed for hydronic heating applications. These insulation panels provide a thermal barrier and channels for cross-linked polyethylene (PEX) tubing. Their distinct PEX tube locking design eliminates the need to tie or staple the tubing to a wire mesh. This directly results in cost savings as installation times are shorter and hardware such as staples, ties, and wire mesh are not required.

Product types: EPS+ 16, MAX+ 16



SuperForm™ EIFS+

SuperForm EIFS+ is an expanded polystyrene insulation board designed to optimize the performance of exterior insulation finish systems (EIFS). It is ideal for both residential and commercial projects as it is lightweight, energy-efficient, and delivers endless design options. EIFS+ provides a breathable thermal layer that is easily affixed to the substrate with an adhesive or mechanical fastener.



Product types: EPS+ 10, MAX+ 10

SuperForm™ Precast

SuperForm Insulation is a durable insulation that is ideal for precast concrete wall and floor panels. EPS+ or MAX+ is a lightweight and cost-effective insulation solution that provides optimal energy-efficiency. Additionally, it is designed to resist and quickly release moisture which helps maintain the R-value of precast concrete panels.



Product types: EPS+ 16, MAX+ 16

SuperForm™ Sip Panel

SuperForm Insulation is a rigid foam insulation that is your answer for structural insulated panels (SIPs). Structural insulated panels often consist of an expanded polystyrene (EPS) foam core that is laminated between two sheets of oriented strand board (OSB). These panels are typically used for wall and roof applications due to their high energy-efficiency and superior structural properties.

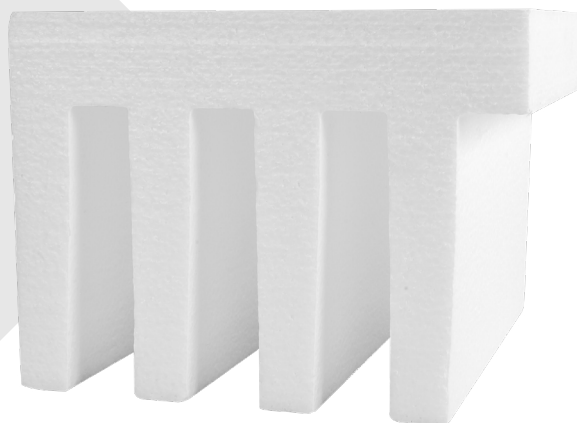


Product types: EPS+ 10, MAX+ 10

SuperForm™ Frost Impact

Frost Impact Board is an efficient solution is designed to protect concrete against frost heave or any ground swell that may stress or damage foundations. Its stable R-value coupled with its low moisture absorption properties while quickly releasing moisture makes Frost Impact Board ideal for below concrete

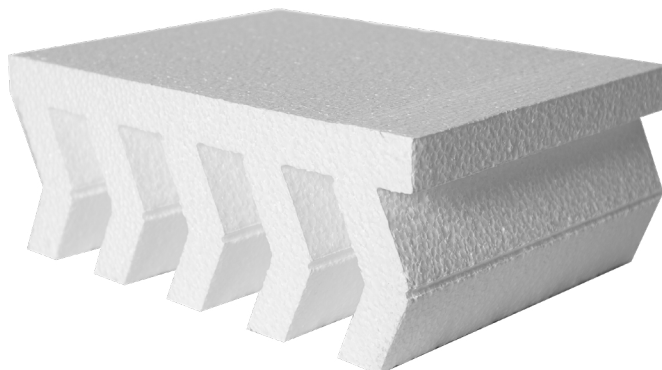
Product types: EPS+ 10, MAX+ 10



SuperForm™ Supervoid

Supervoid is engineered to support wet concrete and protect the slab by creating a space between the slab and soil, then collapse overtime form underlying soil forces without putting added pressure on the slab.

Product types: EPS+ 10, 16,
MAX+ 10, 16



SuperForm™ Geofoam

Coming Soon



SuperForm™ Roofing

SuperForm Insulation provides an inexpensive, energy-efficient flat roof insulation known for its stable R-value, moisture resistance, and high compressive strength. This lightweight, unfaced expanded polystyrene insulation is perfect for built-up, single ply, and modified bitumen roof systems. Architects and builders consistently select EPS+ based on its reputation as a high-quality roofing system insulation.

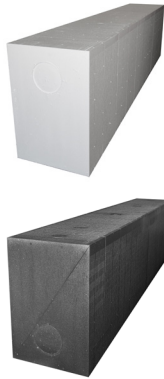


Product types: EPS+ 10, 16, 20,
MAX+ 10, 16, 20

SuperForm™ Billets

SuperForm manufactures EPS+ and MAX+ billets for customers who want to cut their own foam onsite.

Product types: EPS+ 10, 16, 20, 25,
30, 40, 60, MAX+ 10, 16, 20, 25, 30



SuperForm™ Custom Cuts

Our Insulation billets can be cut into almost any shape. From decorative designs to shiplap edges we have got you covered. We cut within 1/16th accuracy giving you almost perfect cuts to match your needs. Our stable R-value moisture resistant, lightweight EPS makes your choice easy due to innovative, yet simple method.



Product types: EPS+ 10, 16, 20, 25,
30, 40, 60, MAX+ 10, 16, 20, 25, 30

For product quantities per truck load please contact with your sales rep.

Why choose SuperForm MAX+

MAX+ vs. XPS Comparison

MAX+	XPS
Cell Structure: Manufactured from graphite expanded polystyrene resin using a pentane blowing agent. This creates an air-filled, closed cell foam.	Cell Structure: Manufactured using polystyrene, blowing agents, and dyes. This creates a closed cell foam that often contains hydrofluorocarbons (HFCs).
R-Value Stability: Provides a stable R-value that does not deteriorate over time.	R-Value Stability: Less stable and the R-value deteriorates as gasses escape its cells.
Long Term R Value: LTTR does not apply to MAX+, because it is not manufactured with the intent to retain blowing agent and due to its closed cell nature, there is no reduction in R value over time.	Long Term R Value: XPS uses a blowing agent when manufactured, thus it leaks over time reducing the R-value by 10% over 5 years, resulting in a R-value of 4.5, which is lower than that of MAX+
Compressive Strength: Available in 10, 16, 20, 25, and 30 psi.	Compressive Strength: Available in 15, 25, 30, 40, 60, and 100 psi.
Cost: Impressive cost per R-value and compressive strength. MAX+ is a dependable, cost-efficient solution that on average costs 10 - 30 percent less than XPS.	Cost: A much higher cost per R-value and on average costs 10 - 30 percent more than MAX+ . Additionally, its R-value is less stable and deteriorates over time.
Water Absorption: MAX+ absorbs more water initially but retains less water long term. Designed to quickly release moisture. This enables it to dry quickly and maintain its R-value over time. 15 years study shows 5% water absorption, 94% R-value retention.	Water Absorption: XPS absorbs less water initially, but retains more water long term. Often traps moisture due to its low drying potential. Its inability to release moisture causes its R-value to deteriorate over time. 15 Year study shows 19% water absorption, 52% R-value retention.
Water Resistance: Closed cell polystyrene insulation that is resistant to moisture gain, proven to resist moisture in both short (24 hour) and long-term tests.	Water Resistance: Closed cell polystyrene insulation that is resistant to moisture gain. However, its ability to resist moisture has only been proven in short-term (24 hour) tests.
Vapor Permeance: Ranges from 2.5 – 5.0 ng/Pa-s-m2 per inch thick. It is more breathable and dry's better in wet climates.	Vapor Permeance: Typically 1.5 ng/Pa-s-m2 per inch thick. Is not breathable and has high potential of trapping moisture in your wall due to its low drying capability.
Environmental Impact: Low impact on the environment. Its manufacturing process uses a pentane blowing agent instead of the hydrofluorocarbons (HFCs) blowing agents typically used to produce XPS. MAX+ is Green Gaurd certified and has the lowest carbon footprint of all rigid insulation, up to 57 times lower.	Environmental Impact: High impact on the environment. Its use of hydrofluorocarbons (HFCs) as a blowing agent cause a very high global warming potential (GWP). It also uses harmful color dyes not found in MAX+. Results in a carbon footprint of up to 33-57 times higher then MAX+.
Standard Compliance: Meets CAN/ ULC S701 and ASTM C578 Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation.	Standard Compliance: : Meets CAN/ ULC S701 and ASTM C578 Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation.
Dimensional Availability: Options to suit every application - standard sizes or custom cuts to suit your needs.	Dimensional Availability: Limited thickness and size options.

MAX+

Why choose SuperForm EPS+






EPS+ vs. XPS Comparison

EPS+	XPS
Cell Structure: Manufactured from expanded polystyrene resin using a pentane blowing agent. This creates an air-filled, closed cell foam.	Cell Structure: Manufactured using polystyrene, blowing agents, and dyes. This creates a closed cell foam that often contains hydrofluorocarbons (HFCs).
R-Value Stability: Provides a stable R-value that does not deteriorate over time.	R-Value Stability: Less stable and the R-value deteriorates as gasses escape its cells.
Long Term R Value: LTTR does not apply to EPS+, because it is not manufactured with the intent to retain blowing agent and due to its closed cell nature, there is no reduction in R value over time.	Long Term R Value: XPS uses a blowing agent when manufactured, thus it leaks over time reducing the R-value by 10% in 5 years, resulting in a R-value of 4.5, which is just below the R-value of EPS+.
Compressive Strength: Available in 10, 16, 20, 25, 30, 40, and 60 psi.	Compressive Strength: Available in 15, 25, 30, 40, 60, and 100 psi.
Cost: Impressive cost per R-value and compressive strength. As a result, EPS+ is a dependable, cost-efficient insulation solution.	Cost: A much higher cost per R-value than EPS+. Additionally, its R-value is less stable and deteriorates over time.
Water Absorption: EPS+ absorbs more water initially but retains less water long term. Designed to quickly release moisture. This enables it to dry quickly and maintain its R-value over time. 15 years study shows 5% water absorption, 94% R-value retention.	Water Absorption: XPS absorbs less water initially, but retains more water long term. Often traps moisture due to its low drying potential. Its inability to release moisture causes its R-value to deteriorate over time. 15 Year study shows 19% water absorption, 52% R-value retention.
Water Resistance: Closed cell polystyrene insulation that is resistant to moisture gain, proven to resist moisture in both short (24 hour) and long-term tests.	Water Resistance: Closed cell polystyrene insulation that is resistant to moisture gain. However, its ability to resist moisture has only been proven in short-term (24 hour) tests.
Vapor Permeance: Ranges from 2.5 – 5.0 ng/Pa-s-m2 per inch thick. It is more breathable and dry's better in wet climates.	Vapor Permeance: Typically 1.5 ng/Pa-s-m2 per inch thick. Is not breathable and has high potential of trapping moisture in your wall due to its low drying capability.
Environmental Impact: Low impact on the environment. Its manufacturing process uses a pentane blowing agent instead of the hydrofluorocarbons (HFCs) blowing agents typically used to produce XPS. EPS+ has the lowest carbon footprint of all rigid insulation, up to 57 times lower.	Environmental Impact: High impact on the environment. Its use of hydrofluorocarbons (HFCs) as a blowing agent cause a very high global warming potential (GWP). It also uses harmful color dyes not found in EPS+. Results in a carbon footprint of up to 33-57 times higher than EPS+.
Standard Compliance: Meets CAN/ ULC S701 and ASTM C578 Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation.	Standard Compliance: : Meets CAN/ ULC S701 and ASTM C578 Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation.
Dimensional Availability: Options to suit every application - standard sizes or custom cuts to suit your needs.	Dimensional Availability: Limited thickness and size options.

EPS+

Quick Guides

Strength/R-Value Quick Guide | *Based on 1.0625" thickness

SuperForm Product	Compressive Strength (psi)	R-Value/Inch ² (75° F)
 MAX+10	10	5
 MAX+16	16	5
 MAX+20	20	5
 MAX+25	25	5
 MAX+30	30	5








MAX+ vs. XPS Quick Guide | ¹Based on 1.0625" thickness | ²Nominal | ³Projected long-term R-value

Description	MAX+10	MAX+16	XPS X	MAX+20	MAX+25	XPS IV	MAX+30	XPS IV
Compressive Strength (psi)	10	16	15	20	25	25	30	30
Density (lbs/ft³)	0.9	1.35	1.3	1.45	1.8	1.45	2	1.55
R-Value/Inch (°F.ft².h/Btu)	5	5	5	5	5	5	5	5



MAX+

Strength/R-Value Quick Guide | *Based on 1.0625" thickness

SuperForm Product	Compressive Strength (psi)	R-Value/Inch ² (75° F)
 SuperForm[®] EPS+10	10	3.75
 SuperForm[®] EPS+16	16	4.04
 SuperForm[®] EPS+20	20	4.27
 SuperForm[®] EPS+25	25	4.3
 SuperForm[®] EPS+30	30	4.3
 SuperForm[®] EPS+40	40	4.3
 SuperForm[®] EPS+60	60	4.3

EPS+ vs. XPS Quick Guide | ¹Based on R-value at 75° F | ²Nominal | ³Projected long-term R-value

Description	EPS+10	EPS+16	XPS X	EPS+20	EPS+40	XPS VI	EPS+60	XPS VII
Compressive Strength (psi)	10	16	15	20	40	40	60	60
Density (lbs/ft³)	0.9	1.35	1.3	1.45	2.5	1.8	3	2.2
R-Value/Inch (°F.ft² .h/Btu)	3.75	4.04	5	4.27	4.3	5	4.3	5

EPS+

Distributed by:



T 877.627.3555
E info@superformicf.com
superformicf.com

Follow Us On

