



The THERMAX™ Wall System at a Glance

Our system eliminates the need for batt insulation, exterior gypsum and air and water resistive barriers to easily achieve the highest standards in energy efficiency.

What is the THERMAX™ Wall System?

The THERMAX™ Wall System is a **patented system from Dow** that offers architects and design professionals efficiency at every level by integrating thermal, air, and water barriers into one system. It meets all applicable IBC and ASHRAE requirements using industry-proven products for greater results – helping to make their commercial construction business even more profitable.



Key benefits of the THERMAX™ Wall System:

- **Saves time and money** — simplifies the construction process for faster installation.
- **Best warranties in the industry** — 15-year thermal and water-resistant warranties and a 6-month exposure warranty.
- **High performance** — provides sustainable long-term thermal protection — which adds up to multiple LEED credits.

Exterior insulation products that fit within the system:

THERMAX XARMOR™ (ci) Exterior Insulation

The only THERMAX™ insulation with a unique dark exterior facer optimized to go behind rain screen exteriors and strong enough to stand up to tough job site conditions. It's the most efficient way to achieve continuous insulation.

THERMAX™ (ci) Exterior Insulation

Our mid-range foil facer offers mid-range durability for an insulation that continues to outperform — provided at a lower price point to give builders more flexibility.

THERMAX™ Sheathing

A rigid foam insulation that effectively reduces condensation for exceptional moisture protection.

Exterior Product Details:

Product	Damage protection	Ship-lapped edges	Custom lengths	Meets IBC fire code requirements*
THERMAX XARMOR™ (ci) Exterior Insulation	Highest	1.55" and greater	Yes	Yes
THERMAX™ (ci) Exterior Insulation	Mid-grade			
THERMAX™ Sheathing	Standard	Upon request		

Trust THERMAX™ Insulation from the inside, out.

Dow also offers a full line of interior THERMAX™ insulation products that offer high efficiency and fit any size building or budget.

Key Benefits:

- **Increased durability** — a differentiated, reinforced core allowing flexibility without breakage in the rigid board.
- **The most fire-resistant** polyisocyanurate insulation — UL Ratings, FM 4880, Class A, and many NFPA 285 compliant assemblies.
- **Free-rise technology** — provides a homogenous core that reduces warm holes, weak points and potential water, air, or fire paths — providing a **better R-value** and **increased dimensional stability**.

Interior Products:

THERMAX™ Heavy Duty

The most durable finish choice can be pressure washed up to 2,000 psi.

THERMAX™ Light Duty

A mid-grade facer strength that can be pressure washed up to 1,000 psi.

THERMAX™ White Finish

With a white-embossed surface, this mid-grade facer is aesthetically pleasing.

THERMAX™ Metal Building Board

Ideal for metal building owners and contractors, but can be used anywhere a washable interior surface is needed.

Interior Product Details:

Product	Durability	Maintenance	Specs	Applications
THERMAX™ Heavy Duty	A tough finish for use in moderate-impact areas	Pressure wash up to 2,000 psi with a 15-degree or greater spray tip†	Custom with options in max length: 30' Max thickness: 3"	Insulation and interior finish system for walls and ceilings in metal, wood post frame, and concrete or masonry buildings
THERMAX™ Light Duty	Mid-grade for light impact areas	Pressure wash up to 1,000 psi with a 15-degree or greater spray tip†	Standard board size: 4' x 8' / 4' x 10' / 4' x 12' (custom lengths available)	
THERMAX™ White Finish				
THERMAX™ Metal Building Board	1.25 mil embossed aluminum foil facer on both sides	Foil finish exterior for easy maintenance	Thickness Range: 0.5 - 4" (custom lengths available)	Embossed, noise-reducing facer with durability and moisture control

* Exceptions exist; contact your building science expert for specifics related to your design.

† Maintain a 3-foot minimum distance.

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STYROFOAM™ Brand Extruded Polystyrene Foam Insulation

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 MSDS, call Dow at 1-866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 1-989-636-4400 in the U.S. or 1-519-339-3711 in Canada.

WARNING: Building and/or construction practices unrelated to building materials could greatly affect moisture and the potential for mold formation. No material supplier including Dow can give assurance that mold will not develop in any specific system. Rigid foam insulation does not constitute a working walkable surface or qualify as a fall protection product.

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Form No. 179-00184 0316CE