

POLYSTYRENE PANELS

POLYSTYRENE INSULATED PANELS

Expanded Polystyrene (EPS):

Walk-in panel insulation made by expanding polystyrene beads in a mold, then fusing them together. This creates a lightweight foam structure with visible bead patterns.

Extruded Polystyrene (XPS):

Walk-in panel insulation made by extruding polystyrene through a continuous process, forming a uniform foam structure.

Ideal For:

Temperature-controlled storage solutions where upfront cost savings are prioritized over long-term thermal performance, and where insulation demands are more moderate or temporary in nature.

Styrene? We Don't Manufacture It.

Polyurethane foam is the gold standard for walk-in panel insulation. It delivers the highest R-value per inch, ensuring maximum energy efficiency and long-term cost savings. Its closed-cell structure provides excellent moisture resistance and prevents thermal degradation over time.

This makes it the most reliable choice for maintaining consistent temperatures, whether in coolers, freezers, or ultra-low-temp environments. It also offers superior adhesion to panel skins, enhancing structural integrity and lifespan.

Simply put, polyurethane is engineered for demanding applications where performance cannot be compromised.

Leer.

Efficient by design. Designed to outperform.

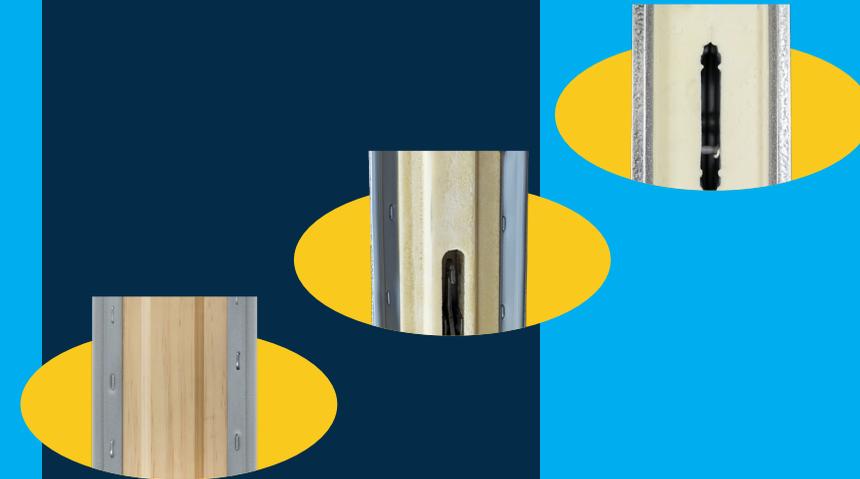


**YOUR TRUSTED PARTNER IN
TEMPERATURE-CONTROLLED
STORAGE SOLUTIONS**



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Version 0625



**WHICH WALK-IN
IS RIGHT FOR
YOU?**

**Your Walk-In.
Your Needs.**





WOOD RAIL

POLYURETHANE INSULATED PANELS
WOOD RAILS



HIGH-DENSITY RAIL

POLYURETHANE INSULATED PANELS
HIGH-DENSITY POLYURETHANE RAILS



SOFT RAIL

POLYURETHANE INSULATED
PANELS AND RAILS



Walk-In panel with a core polyurethane foam insulation that utilizes a wood frame as the edges of the panel.



Walk-In panel with a core polyurethane foam insulation and high-density foam for the edges of the panel



Walk-In panel with a core polyurethane foam insulation that utilizes the same polyurethane foam for the edges of the panel.

Advantages:

- + Most cost-effective polyurethane panel option
- + Rail construction provides the strongest panel structure and requires less structural support
- + Polyurethane foam insulation for long-term thermal performance and R-Value
- + Maintains temperatures as low as -10°F, without drastically increasing panel thickness
- + More energy efficient than expanded polystyrene (EPS) panels
- + Low refrigeration load for longer life expectancy
- + Easily customizable sizing
- + Built for when demands are steady and cost-efficiency is key

Ideal For:

Temperature-controlled storage solutions needing durable, cost-effective panels with strong structure and consistent performance.

Advantages:

- + No exposed wood in panel construction, eliminating the perceived risk of rot or moisture absorption
- + Delivers non-wood panel performance at a more accessible price point than Soft Rail
- + Rail construction provides strong panel structure and requires less structural support
- + Polyurethane foam insulation for long-term thermal performance and R-Value
- + More energy efficient than Wood Rail and Expanded Polystyrene (EPS)
- + Lower refrigeration load for longer life expectancy
- + Maintains temperatures as low as -20°F, with no exposed wood
- + Customizable sizing
- + Built for lasting energy savings and structural durability

Ideal For:

Temperature-controlled storage solutions requiring no exposed wood construction with strong structural support, wide temperature range, and enhanced energy efficiency.

Advantages:

- + Rail-to-rail foam-in-place polyurethane insulation
- + No exposed wood in panel construction, eliminating the perceived risk of rot or moisture absorption
- + Maintains ultra-low temperatures down to -40°F, with no exposed wood
- + Superior R-value throughout the panel, including seams
- + Most energy efficient panel with the lowest operating costs
- + Lowest refrigeration load for longer life expectancy
- + Tightest sealing panel seams
- + Lightest panels for easier handling and install
- + Great moisture and fire resistance
- + Built for the most precise temperature-controlled demands

Ideal For:

Temperature-controlled storage solutions requiring the highest temperature precision, energy efficiency, and ultra-low temperature performance in mission-critical environments.

COMMON APPLICATIONS OF EACH RAIL TYPE



RAILS COMPARISON AT A GLANCE

	Mfg by Leer	Min. Temp.	Cooler	Freezer	Indoor	Outdoor	Exposed Wood	Consumer Cost	Panel Weight
Wood Rail		-10°F	✓	✓	✓	✓	Yes	\$\$	Heaviest
High-Density Rail		-20°F	✓	✓	✓	✓	No	\$\$\$	Heavier
Soft Rail		-40°F	✓	✓	✓	✓	No	\$\$\$\$	Lighter



Manufactured by Leer