



ThermoDeck™ Insulation System



When teams are designing metal buildings that must meet modern energy codes and deliver reliable interior environments, this proven insulation system delivers an integrated approach. By combining insulation, vapor control and a finished interior surface, it helps owners reduce energy loss while creating spaces that feel better to work in every day.

More than an insulation layer, ThermoDeck is a complete system engineered to perform across Varco Pruden roof assemblies. It simplifies project collaboration, supports faster installation and delivers consistent thermal results that protect the building over time. The result is lasting efficiency, cleaner interiors and peace of mind that the roof system above is built to endure.

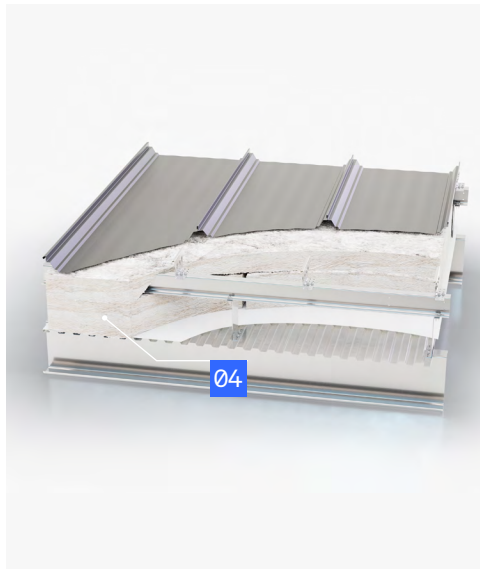
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Key Benefits

- **Improved Energy Efficiency**
Continuous insulation coverage supports long-term savings.
- **Enhanced Thermal Performance**
System supports better performance in temperature-controlled facilities.
- **Condensation Control**
Integrated vapor retarder protects roof components.
- **Design Flexibility**
System compatible across SSR™, SLR II™ and Panel Rib™ roof systems.
- **Faster Installation**
Standardize, tested assemblies reduce labor time.
- **Code Compliance Support**
Published R and U values simplify specification.

Product Features

- 01 **Composite insulation assembly** combining Deck-Liner™, fiberglass insulation and VP roof panels.
- 02 **Available for multiple roof systems** SSR™, SLR II™ and Panel Rib™.
- 03 **Up to 12-inch insulation cavity** between roof deck and roof sheeting.
- 04 **Multi-layer fiberglass insulation combinations** achieving R-values from 19.2 to 38.5.
- 05 **Continuous vapor retarder** built into the Deck-Liner component.



Specifications

ThermoDeck Insulation System

System	Composite insulation system integrating Deck-Liner fiberglass insulation and VP roof panels
Profile	Continuous vapor retarder built into the Deck-Liner
Size	Determined by clip height
Integration	SSR™, SLR II™, and Panel Rib™
Insulation Options	Fiberglass blanket
Maximum Insulation Thickness	12"
Lowest Tested U-Factor	Range from 0.049 to 0.026 depending on assembly
R-Values	Effective R-values of 19.2 to 38.5 based on insulation configuration,
Testing	Independently tested fiberglass insulation layers (R-11, R-13, R-19), ASTM C1363
Warranty	Standard Varco Pruden warranty

