



THERMALIFT™ INSULATION SYSTEM

INSULATION SYSTEMS



FEATURES

- Unique insulation bridge allows more space for insulation
- Meets more stringent energy codes
- Compatible with VP SSR roof system
- Two sizes of clips for varying insulation thickness: 4½" and 5" tall
- Cost effective to install and maintain
- Installs above secondary framing with no insulation in the purlin cavity
- Compatible with purlins, barjoist, and WideBay

BENEFITS

- Provides higher thermal performance for year-round comfort and energy efficiency
- Achieves compliance in climate zones with high thermal demand
- Provides long-term weather protection backed by warranties
- Saves owners on initial construction and over the life of the structure
- Additional clearances and clean appearance overhead

THERMALIFT™ INSULATION SYSTEM

Higher Thermal Performance – Lower Cost

Optimize energy efficiency with VP's ThermalLift™ Insulation System. Featuring the unique insulation bridge design, ThermalLift allows for more insulation to be installed above the structural secondary. Thermal performance testing in accordance with ASTM-C1363 has resulted in U-factors as low as 0.029. The result is a cost-effective roof system that meets today's more stringent energy codes, including IECC 2015 and Canada's NECB 2011 code.

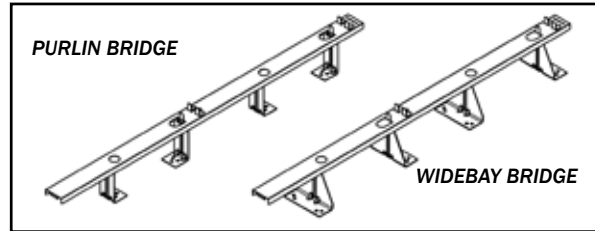
Developed to work with VP's SSR Standing Seam Roof system, ThermalLift includes a proprietary 5"x48" insulation bridge (patent pending) to provide additional space for insulation between the roof panels and the building structure. Made from sturdy 22 gauge galvanized steel, the bridge, when combined with VP's SSR clip offerings, lifts roof panels by up to 7" above the secondary structural creating enough space for two layers of blanket insulation for an U-factor performance as low as 0.029. As part of the complete system design, the insulation bridge also helps to maintain panel alignment for efficient installation and an attractive finished roof.

VP's ThermalLift insulation system is compatible with a variety of structural options including purlins, WideBay Trussed Purlins™ and bar joist. Engineered to be installed above the building structure, ThermalLift eliminates the need for banding, and reduces installation time and costs when compared to other alternatives. Additionally, once the roof is installed, structurals are accessible to other trades for attaching items such as duct work and sprinkler systems. ThermalLift works with Sky Web II™ to provide additional protection for workers during construction.

ThermalLift is compatible with VP's PrisMAX™ SL daylighting product, DuraCurb™ and roof accessory items. For complete information about the benefits of ThermalLift on your project, talk with your authorized VP Builder.



THERMALIFT WITH WIDEBAY TRUSSED PURLINS



Specially designed bridging pieces provide stability and modularity for use with standard purlins, bar joist or VP's WideBay Trussed Purlins.

ThermalLift Assembly	Insulation	U-Factor	R-Value [‡]
Bridge w/Thermal Block	R16* + R19 [†]	0.035	29.0
Bridge w/o Thermal Block	R19* + R25 [†]	0.030	32.9
Bridge w/Thermal Block	R19* + R30 [†]	0.029	34.5

[‡]-Effective R-Value *--Faced; [†]--Unfaced



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