

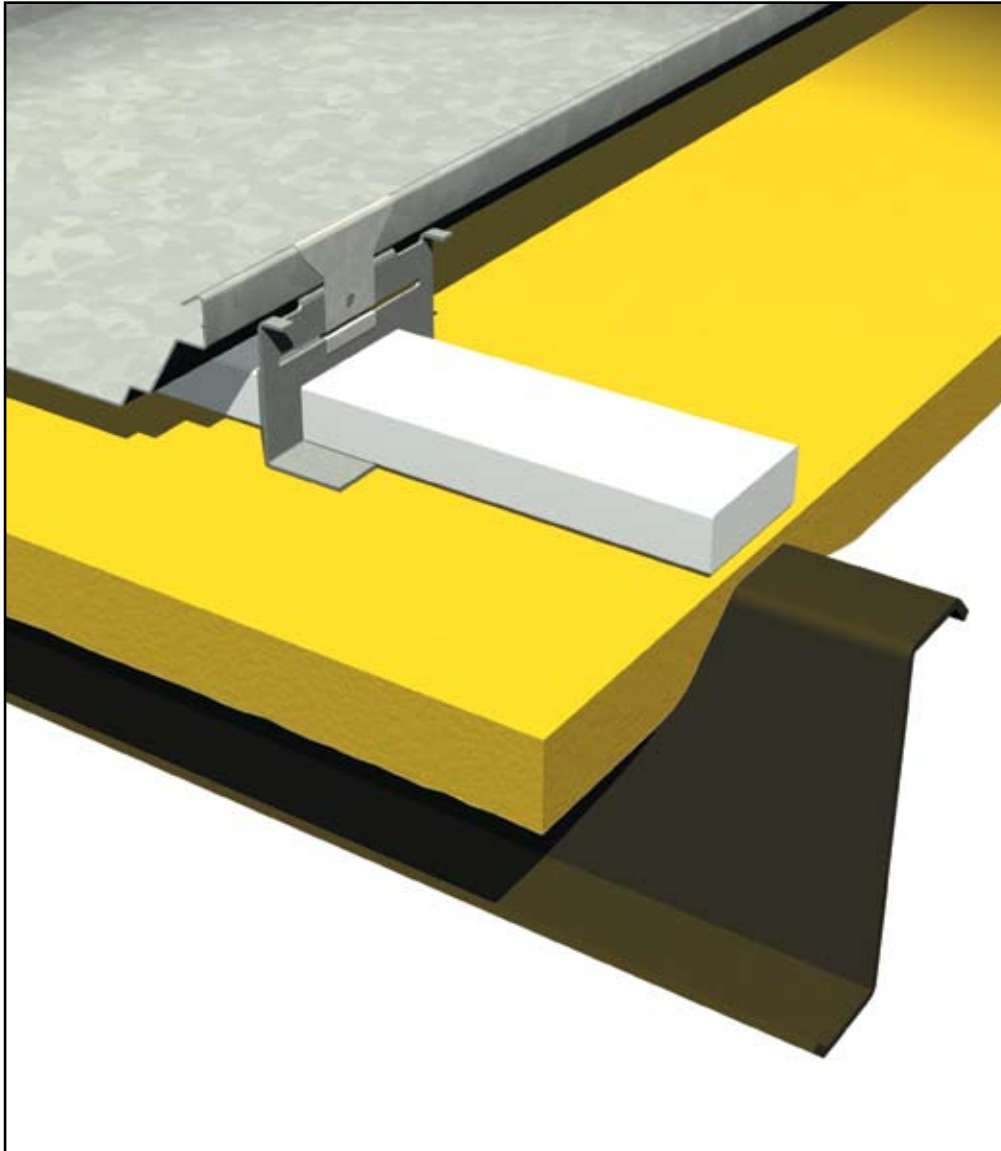
# VP ROOF SYSTEMS

## STYLE

### THERMAL BLOCK WITH SSR ROOF

## FEATURES

VP'S ECONOMICAL ALTERNATIVE FOR IMPROVING THERMAL EFFICIENCY ON BUILDINGS WITH SSR ROOF SYSTEMS



- Easy to install over purlins, joists or VP's WideBay trussed purlins
- UL and FM ratings available
- Sturdy 25 psi expanded polystyrene
- Block dimensions 3/4" x 4" x 1'-10 3/4"
- Blocks are crush resistant and won't absorb moisture

VP's Thermal Block insulation system provides an improved thermal barrier for VP's SSR standing seam roof.



# THERMAL BLOCK INSULATION METHODS ASSURE INCREASED "R" VALUE IN SSR ROOFING INSTALLATION

## THERMALBLOCK WITH SSR ROOF

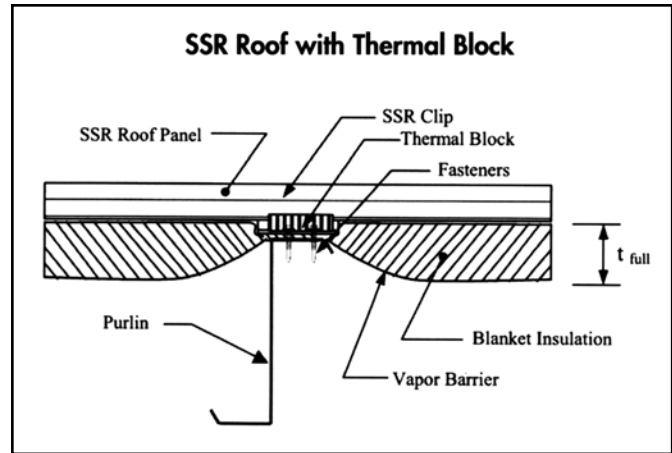
Minimizing heat escape where insulation is compressed over purlins or joists is one of the best ways to improve the thermal efficiency of a building. Better thermal efficiency means lower energy costs and lower life-cycle costs.

VP's Thermal Block provides an economical way to improve thermal performance. Thermal blocks are designed to reduce heat escape at contact areas over the roof secondary. When thermal blocks are used along with 6" rolled fiberglass insulation, there is an improvement of 25% compared to when no thermal blocks are used.

Thermal blocks are made of 25 psi polystyrene to resist compression in traffic areas on the roof. Also, the expanded polystyrene material resists moisture absorption and maintains its shape during freeze/thaw conditions.

For greater thermal efficiency, consider VP's Superblock™ System, an exclusive and proprietary insulation system designed specifically for VP's SSR standing seam roof. SuperBlock is capable of delivering an ASTM-C236 Hot Box tested, in-place R-value of 22.8 with a non-reflective facing. If using a reflective facing, the R-value can be as high as 23.5.

For information about this or any other VP product or service, contact your local authorized VP Builder.



### FEATURES

- Easily installs from top side of roof
- 25 psi expanded polystyrene resists compression
- Can be used over purlins or joists
- Economical

### VP Thermal Block Advantage

Insulation	System	R-Value	U-Value
6" Single layer	No Thermal Block	12.6	.079
6" Single layer	With Thermal Block	15.8	.063

Additional thermal offerings may be obtained by using reflective facing. For reflective vapor barrier surfaces, add R=0.74 to the above R-values and recalculate the U-value.



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 2037 Revised 1/06



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