

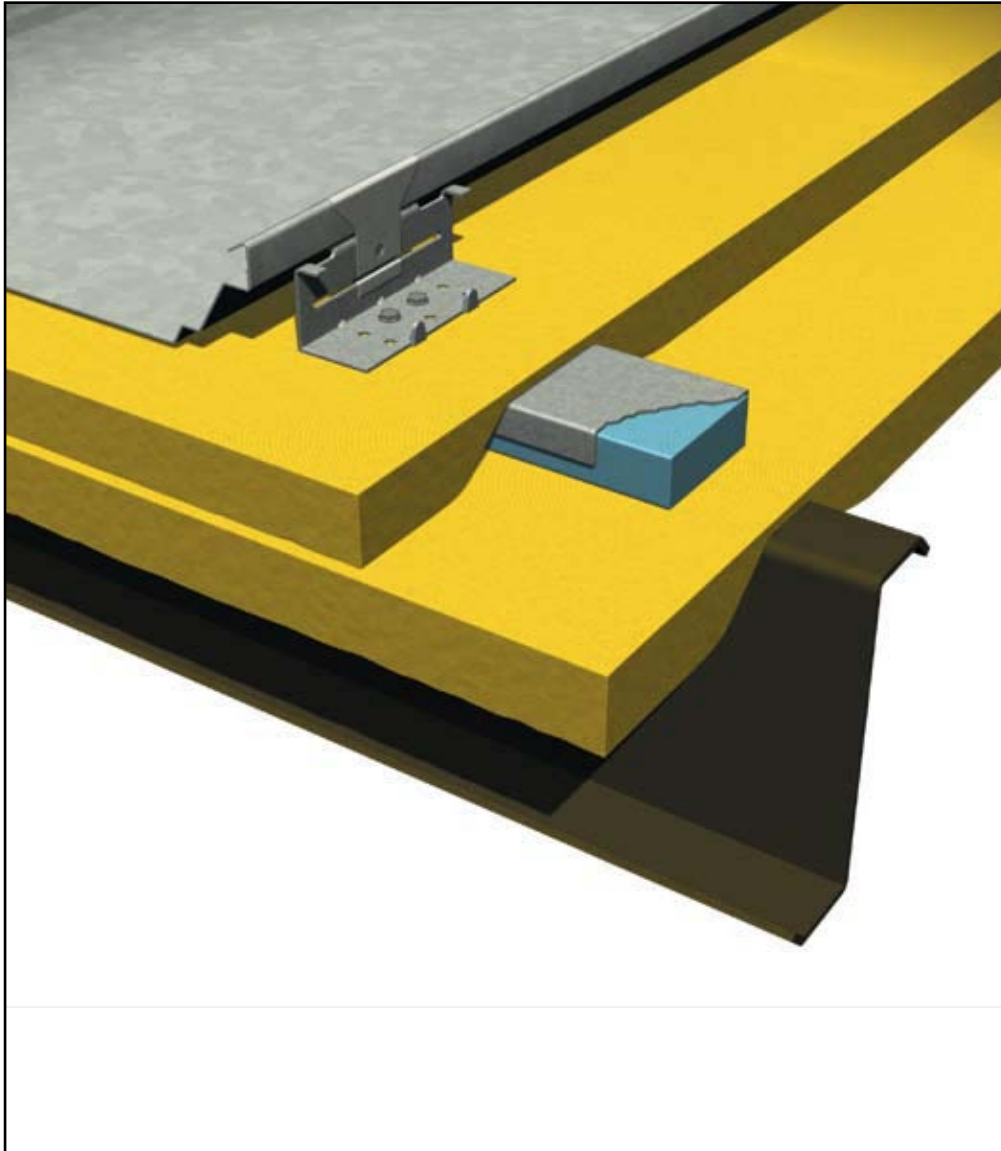
NORSTEEL ROOFING

STYLE

SUPERBLOCK WITH SSR ROOF

FEATURES

NORSTEEL'S UNIQUE, PROPRIETARY INSULATION SYSTEM WITH SUPERIOR PERFORMANCE.



- Delivers in-place and tested R-value of 23.5
- Easy to install over purlins, joists or Norsteel's WideBay trussed purlins
- Patented system
- UL and FM ratings available
- Factory formed tabs maintain modularity

SuperBlock™ is an excellent option when designing for energy conservation requirements.

Contact www.norsteel.com for more information.

SUPERBLOCK INSULATION SYSTEM, VP'S BEST THERMAL PROTECTION SYSTEM, PROVIDES MORE RESISTANCE TO HEAT FLOW PER INCH THAN ANY OTHER OFFERING.

SUPERBLOCK™ SYSTEM WITH SSR ROOF

Superblock™ is an exclusive and proprietary insulation system designed specifically for Norsteel's SSR standing seam roof and 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.

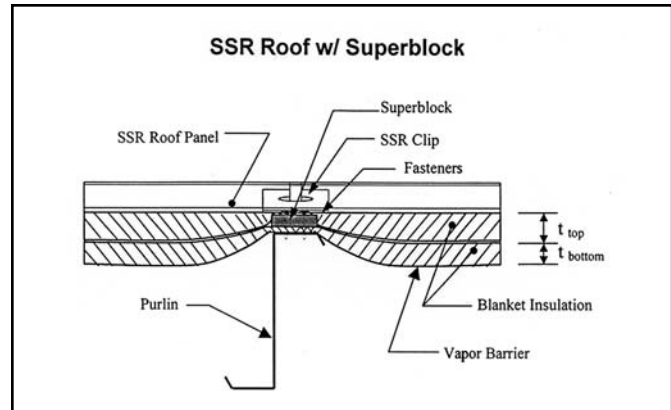
The unparalleled performance of the Superblock System is a direct result of the spatial relationship between the uniquely designed thermal block and fiberglass insulation. Unlike other systems using a typical thermal block, Superblock is installed directly over the first layer of faced insulation providing an insulated platform to attach the SSR panel clips.

Other systems have the roof panel clips installed directly over the faced fiberglass resulting in a thermal short circuit that significantly minimizes the overall performance of the system. With the Superblock System, a second layer of unfaced insulation is placed directly over the first creating a superior thermal envelope developing better resistance to heat flow per inch of fiberglass than other systems on the market. In fact, to approximate the performance of a Superblock System, others must consider banded systems requiring significantly more material and labor.

With the Superblock System, a total of up to seven inches of insulation is placed in two layers, both perpendicular to the purlins and installed from the top side of the roof. Other methods require multiple layers of insulation to be placed parallel to the purlins, often requiring support banding, and the need to install the system from both the top and bottom side of the roof.

One of the many advantages of Superblock is that a minimum of insulation is exposed to the weather at any given time during installation. Thinner blankets mean long length rolls, minimizing occurrence of end laps. Superblock holds down the faced blanket as soon as it is placed and the roof clip tabs maintain a precise module without constant measuring. Norsteel's Superblock System offers two installation methods, depending on the width of the roof panels.

A Superblock Erection Guide provides easy-to-follow installation steps.



FEATURES

- Easily installs from top side of roof
- Provides U-value up to .043 using 3" unfaced layer with reflective faced 4" layer
- ASTM-C236 Hot Box tested and verified
- Provides R-value up to 23.5 using 3" unfaced layer with reflective faced 4" layer
- Can be used over purlins or joists
- Helps maintain consistent panel modularity
- Economical

The Superblock™ Advantage

Thickness	System	R-Value	U-Value
6" Single layer	No Thermal Block	12.6	.079
6" Single layer	With Thermal Block	15.8	.063
6" Double layer ^A	With Superblock	18.5	.054
7" Double layer ^{A,B}	With Superblock	22.8	.044

(A) Based on one layer faced and one layer non-reflective insulation. 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.
 (B) 4 inch non-reflective faced with 3 inch non-faced insulation



NORSTEEL
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QUALITY CERTIFICATION
METAL BUILDINGS