



NUCOR[®]
BUILDINGS GROUP

**INSULATION
SOLUTIONS**

Designed for optimal
energy performance

Silvercote[™]
A SERVICE PARTNERS COMPANY



POWERFUL
PARTNERSHIPS

POWERFUL
RESULTS

Nucor Buildings Group is one of North America's largest and most experienced manufacturers of custom metal building systems. We're constantly looking for ways to add value to make our Authorized Builders more competitive, including through strategic partnerships.

We are pleased to offer Silvercote™ insulation products to our Builders and customers as part of our building package. As the industry leader, Silvercote makes a great partner for custom insulation solutions and systems for your project.

With the addition of Silvercote insulation products, our brands are stronger and can serve you even better — delivering cost-effective, single-source solutions that give you a competitive edge.





Through our strategic partnership with Silvercote, you now have access to insulation products as part of your metal building package.

The Silvercote Advantage

Nucor is proud to partner with Silvercote, a leading provider of innovative insulation solutions. As a trusted industry expert, Silvercote understands the unique needs of our Builders and customers and provides optimal energy performance insulation solutions for metal buildings.

Simplified Ordering Process

Insulation can be ordered as part of your building package with a single purchase order and invoice, streamlining your ordering process and eliminating delays.

Competitive Nationwide Offering

As a Builder of Nucor Buildings Group, you will benefit from a comprehensive insulation program with Silvercote. With facilities all around North America, Silvercote can effectively serve your job site and ensure on-time delivery.

Energy Code Expertise

With their expertise in energy codes and vast experience in the insulation industry, Silvercote can help simplify complex building designs and improve thermal performance by helping you select optimal roof and wall insulation systems.

Buildings Designed with Insulation Details in Mind

Ordering insulation with your building gives our team more detailed insight throughout the design and detailing stages of your project. This ensures that the building's secondary design and the insulation solution have been coordinated to work with each other.

Comprehensive Product Offering

With a comprehensive range of insulation products, Silvercote can provide the perfect solution for your project needs. Through this partnership, Nucor Buildings Group allows you access to Silvercote's entire product line as you design your metal building package.

Innovative Color-Coding System

Materials delivered to the job site include a color-coded cut list with flags and diagrams to ease the installation process and maximize your efficiency.

NEW CONSTRUCTION

ROOF

ENERGY SAVER (LINER SYSTEM)

OSHA - compliant leading edge fall protection (under the purlin) system, that provides a clean finished appearance and exceptional thermal performance

- Provides a continuous vapor retarder
- Our Energy Saver fabric welding process produces seams that exceed the ASTM D-751 Standard of the fabric itself
- Free online, Energy Saver Fall Protection system training available from Silvercote



FULL CAVITY
No Visible Purlins



30 — 53



Bright Clean Finished Appearance



Excellent Acoustic Properties



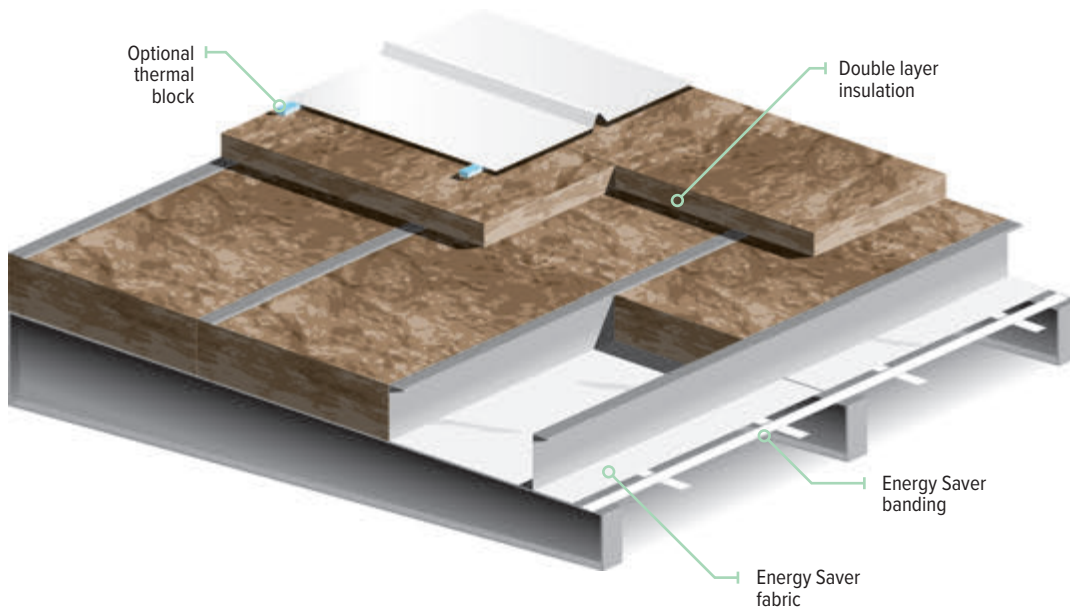
Custom Sized Fabric & Insulation



Vapor Retarder



Air Tightness



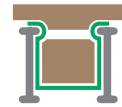
LONG TAB & BANDING (FILLED CAVITY SYSTEM)

High R-value system utilizing banding and faced insulation coupled with upper layer(s) of unfaced insulation

- Bottom layer of laminated insulation with long tabs overlapping above the purlins or bar joist
- A second layer may be installed, to completely fill cavity, before adding the perpendicular layer above purlin or bar joist
- Standard flange bracing is typically not an issue



FULL CAVITY
Visible Purlins



FULL CAVITY
Visible Bar Joist



Bright Clean Finished Appearance



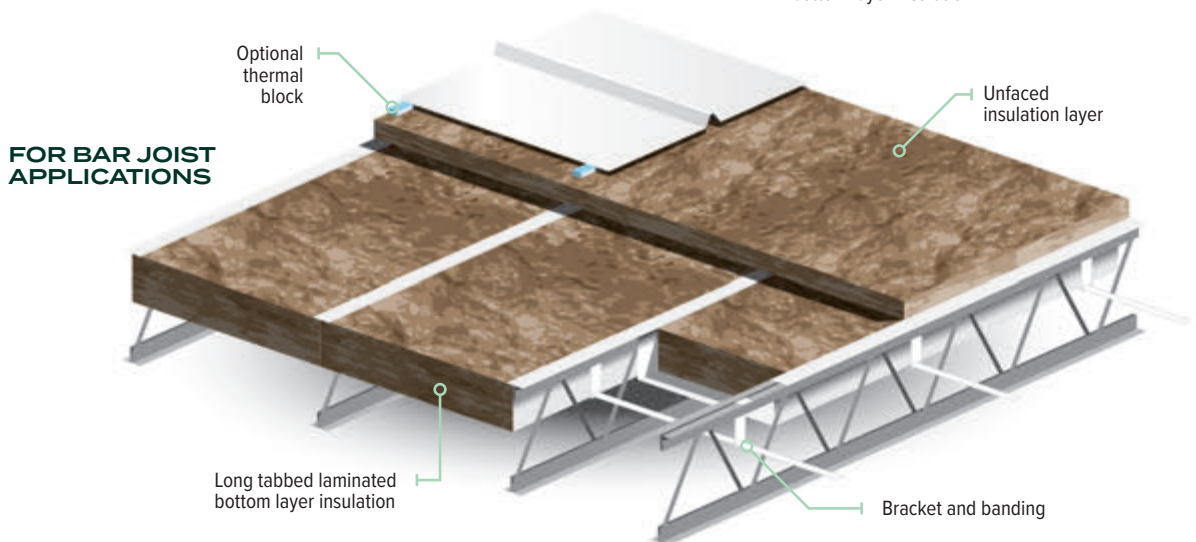
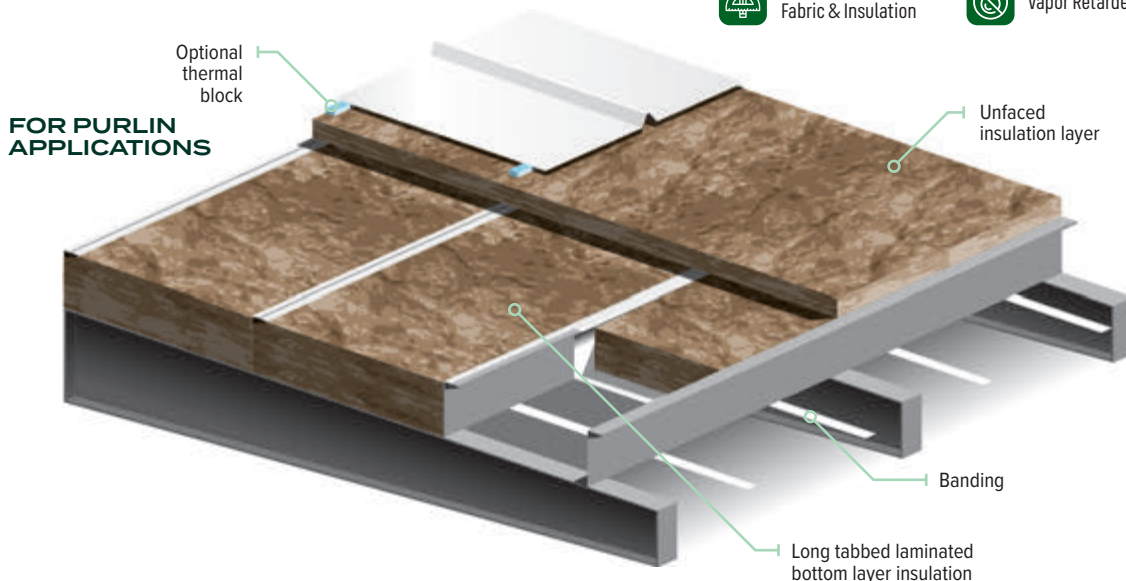
Excellent Acoustic Properties



Custom Sized Fabric & Insulation



Vapor Retarder



NAIMA
NORTH AMERICAN INSULATION MANUFACTURERS ASSOCIATION
Certified Glass Mineral Wool Available

NIA | National Insulation Association™
Certified Laminated Glass Mineral Wool Available

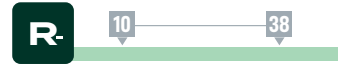
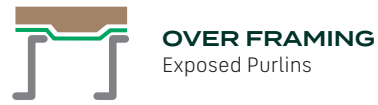
ASTM
Meets or Exceeds ASTM E-84

* It is important to completely fill the purlin/girt cavity. Contact your Silvercote Sales Representative for the best combination for your individual project.

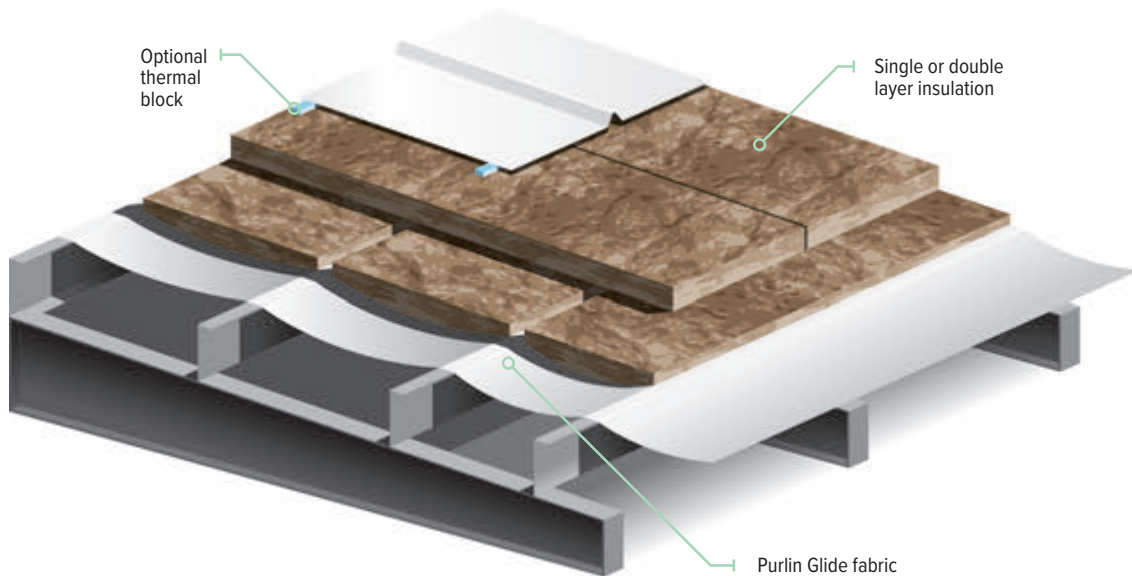
PURLIN GLIDE FP®

OSHA - compliant leading edge fall prevention (over the purlin) roof system that provides high R-value with speed of installation, including bar joist

- Allows flexibility under adverse weather conditions
- Greatly reduces visible seams compared to faced blanket
- Lightweight equipment and quick setup-time
- Our Purlin Glide FP fabric welding process produces seams that exceed the ASTM D-751 Standard of the fabric itself
- Great solution for a high eave building
- Free online, Purlin Glide Fall Prevention system training available from Silvercote

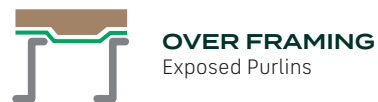


- Bright Clean Finished Appearance
- Excellent Acoustic Properties
- Custom Sized Fabric & Insulation
- Vapor Retarder
- Air Tightness



R-BOOST™

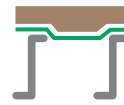
Purlin Glide is recommended when using R-Boost - Nucor Building Group's economical solution that provides a secondary layer of blanket insulation. Using Purlin Glide with R-Boost will give you the added benefit of fall protection, while utilizing two layers of unfaced insulation.



SAG-N-BAG (DOUBLE LAYER)

Double layer; faced blanket insulation and unfaced insulation

- Over the purlin insulation system, economical alternative for increasing R-values
- Custom designed faced blanket to fit your specific project dimensions



OVER FRAMING
Exposed Purlins



Bright Clean
Finished Appearance



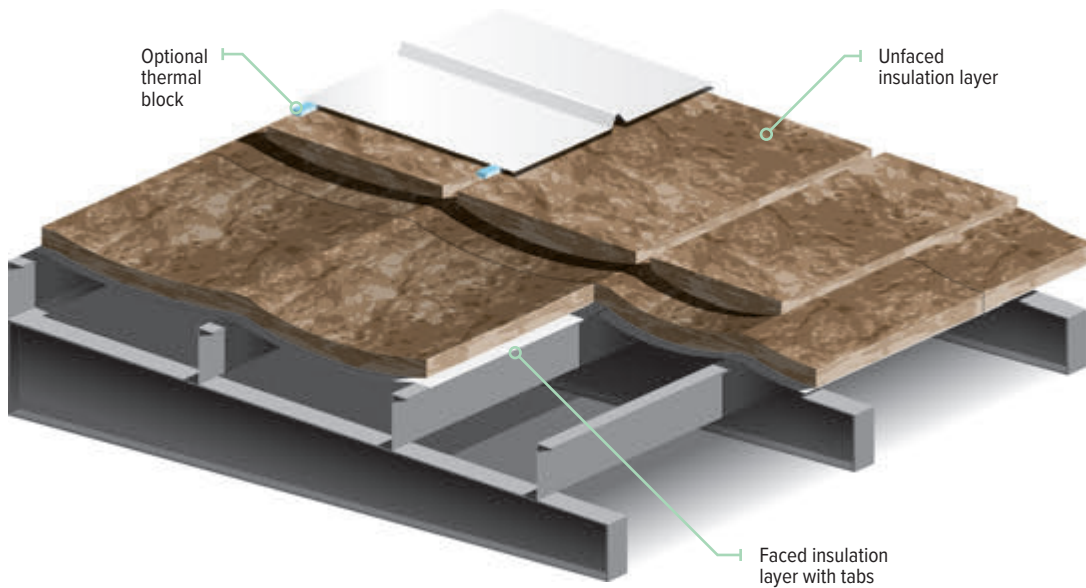
Excellent Acoustic
Properties



Custom Sized
Fabric & Insulation



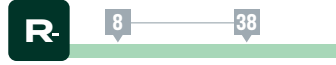
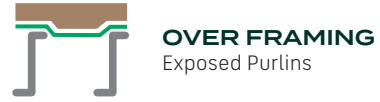
Vapor Retarder



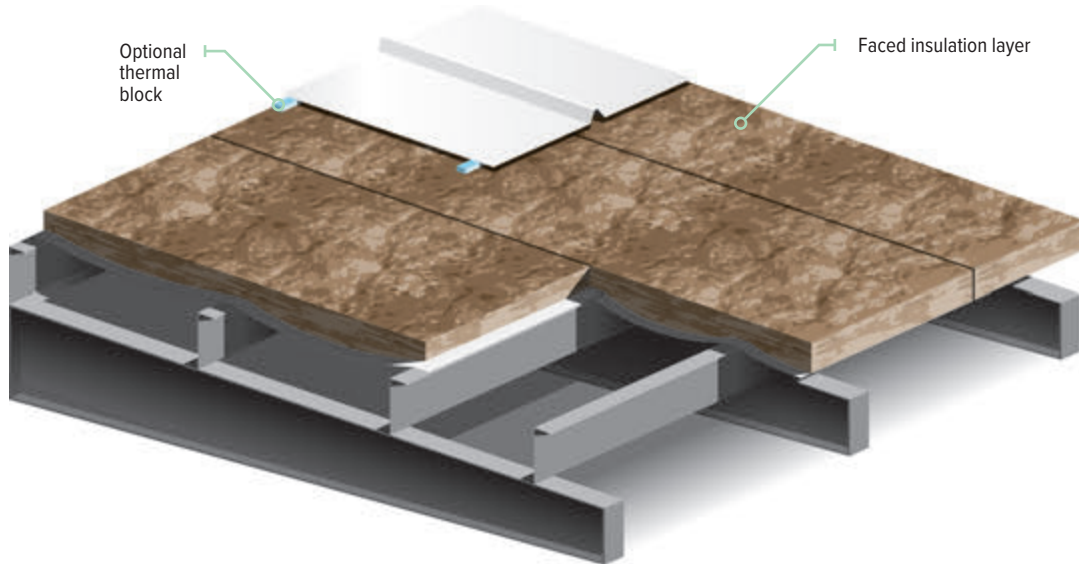
SINGLE LAYER FACED BLANKET

Single layer faced blanket insulation

- Quick and easy to install
- R-value and thicknesses can accommodate higher clip systems found in standing seam roofs
- Multiple tab configurations available



- Bright Clean Finished Appearance
- Excellent Acoustic Properties
- Custom Sized Fabric & Insulation
- Vapor Retarder



NEW CONSTRUCTION

WALL

ENERGY SAVER™ DOUBLE LAYER

Double layer high R-value insulation system with reduced air infiltration

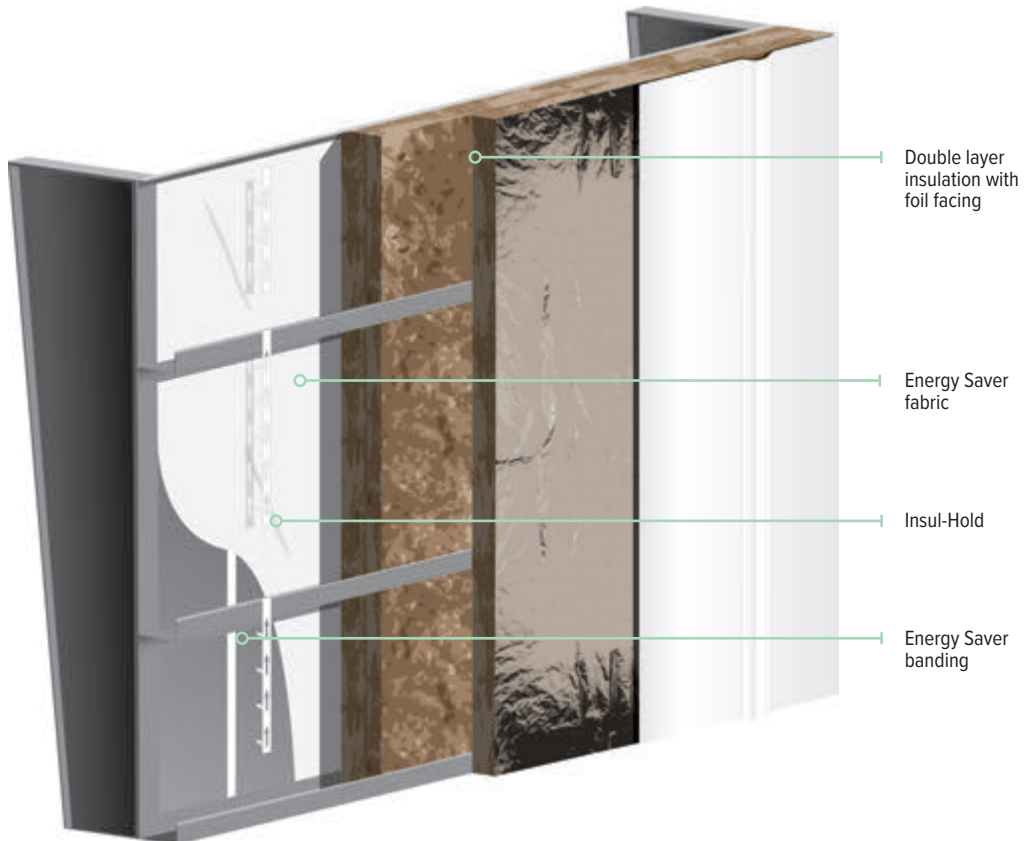
- Maximizes R-value with cavity filling system that provides excellent thermal properties with an additional external perforated faced layer of insulation
- Reduced air-infiltration
- Our Energy Saver fabric welding process produces seams that exceed the ASTM D-751 Standard of the fabric itself
- Insul-Hold (hangers) retains the insulation in proper cavity location



FULL CAVITY
No Visible Girts



- Bright Clean Finished Appearance
- Excellent Acoustic Properties
- Custom Sized Fabric & Insulation
- Vapor Retarder
- Air Tightness
- Reflective



NAIMA
NORTH AMERICAN INSULATION
MANUFACTURERS ASSOCIATION
Certified Glass Mineral
Wool Available

NIA National Insulation
Association™
Certified Laminated Glass
Mineral Wool Available

ASTM
Meets or Exceeds
ASTM E-84

* It is important to completely fill the purlin/girt cavity. Contact your Silvercote Sales Representative for the best combination for your individual project.

ENERGY SAVER™ SINGLE LAYER IN CAVITY

Single layer high R-value insulation system

- Our Energy Saver fabric welding process produces seams that exceed the ASTM D-751 Standard of the fabric itself
- Use of Insul-Hold (hangers) retains the insulation in proper cavity location
- Thermal break foam tape provides a limited thermal bridge effect



FULL CAVITY
No Visible Girts



25 — 30



Bright Clean Finished Appearance



Excellent Acoustic Properties



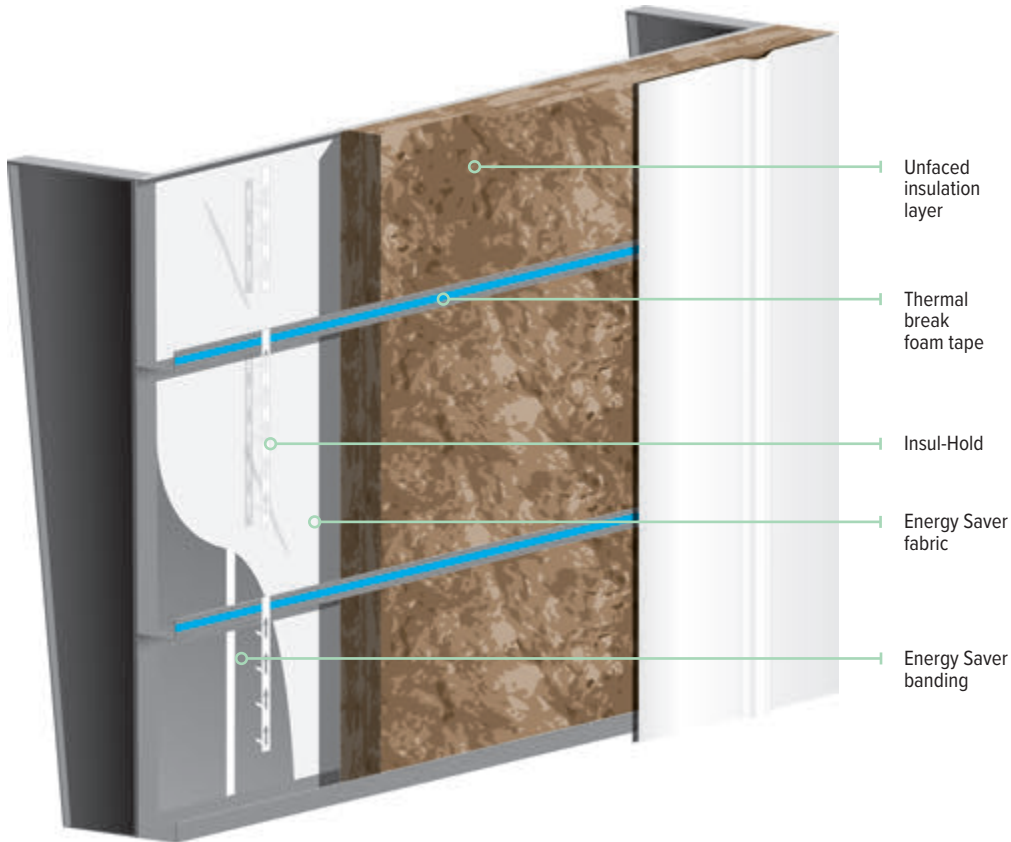
Custom Sized Fabric & Insulation



Vapor Retarder



Air Tightness



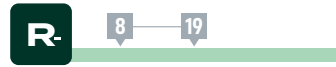
SINGLE LAYER FACED BLANKET

Single layer faced blanket insulation

- Installed between girts and external wall sheeting
- Quick and easy to install
- Provides a simple, easy and fast installation



OVER FRAMING
Visible Girts

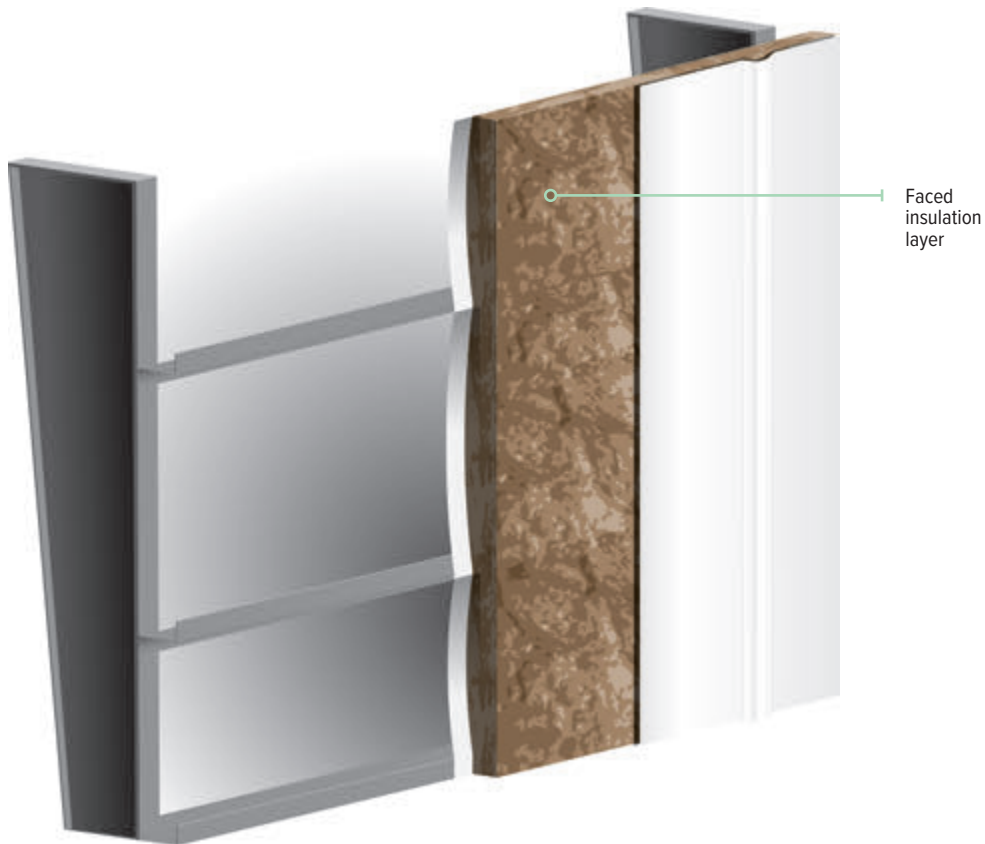


 Bright Clean Finished Appearance

 Excellent Acoustic Properties

 Custom Sized Fabric & Insulation

 Vapor Retarder



FROM QUOTE SILVERCOTE N

ENERGY SAVER FP® (LINER SYSTEM)

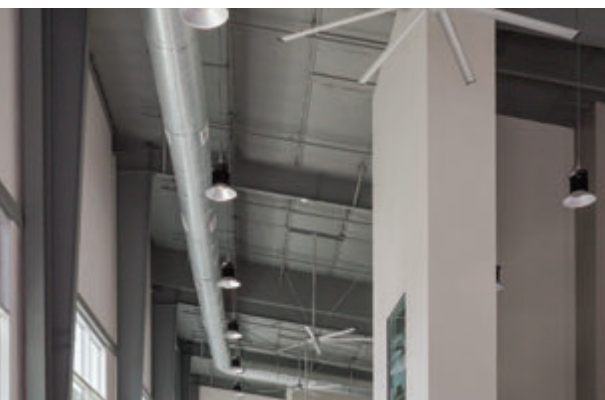
Energy Saver FP protects the installation crew while the building is being insulated and roofed by providing OSHA-compliant leading edge fall protection when installed by a Silvercote-certified contractor. Additional documentation will be required for fall protection at the time of ordering. Silvercote offers a free online training course to be completed in order to be a Certified Installer for Energy Saver FP.

To meet OSHA guidelines, an insulation support and fall protection system must restrain and support 400 pounds dropped from at least 42" above the highest walking or working surface. Energy Saver FP provides fall protection at the leading edge only and is just one component of a total fall protection plan for the job. Other means of fall protection are still required within six feet (6') of any exterior roof edge, roof opening, or common rafter where the system has not been completely installed in both bays.

PURLIN GLIDE FP®

The Purlin Glide FP system provides OSHA-compliant leading edge fall protection when installed according to the manufacturer's specifications. To meet OSHA guidelines, a roof covering system must support a static 1,000 pounds and restrain and support 400 pounds dropped from at least 42" above the system. Additional documentation will be required for fall protection at the time of ordering. Silvercote offers a free online training course that needs to be completed to be a Certified Installer for Purlin Glide FP.

Fabric Specifications: Purlin Glide FP fabric is cross-woven reinforced high-density polyethylene yarns coated on both sides with a continuous white or colored polyethylene film. This material is manufactured in custom-fit rolls by hot-air compression welding. Rolls are fabricated to fit the building's secondary steel layout and allow for rapid installation.



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