

PURLIN[®] **GLIDE FP**

INSULATION & LEADING EDGE FALL PREVENTION SYSTEM

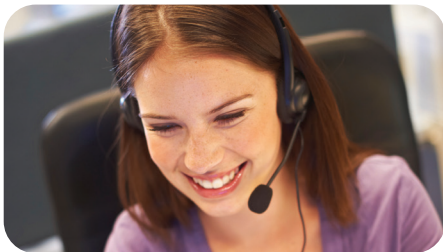
FOR NEW CONSTRUCTION



A SERVICE PARTNERS COMPANY

**IF IT'S IMPORTANT TO YOU.
IT'S IMPORTANT TO US!**

We strive to provide an exceptional customer experience on every order.



SALES AND TECHNICAL SUPPORT

- Customer Specific Support
- Building Code Experts



SERVICE

- Centralized Operations
- Energy Code Compliance



QUOTING TOOL

- 24/7 Online



RESEARCH AND DEVELOPMENT

- Silvercote Envelope Solutions
- New and Improved Systems and Accessories
- Customer Training

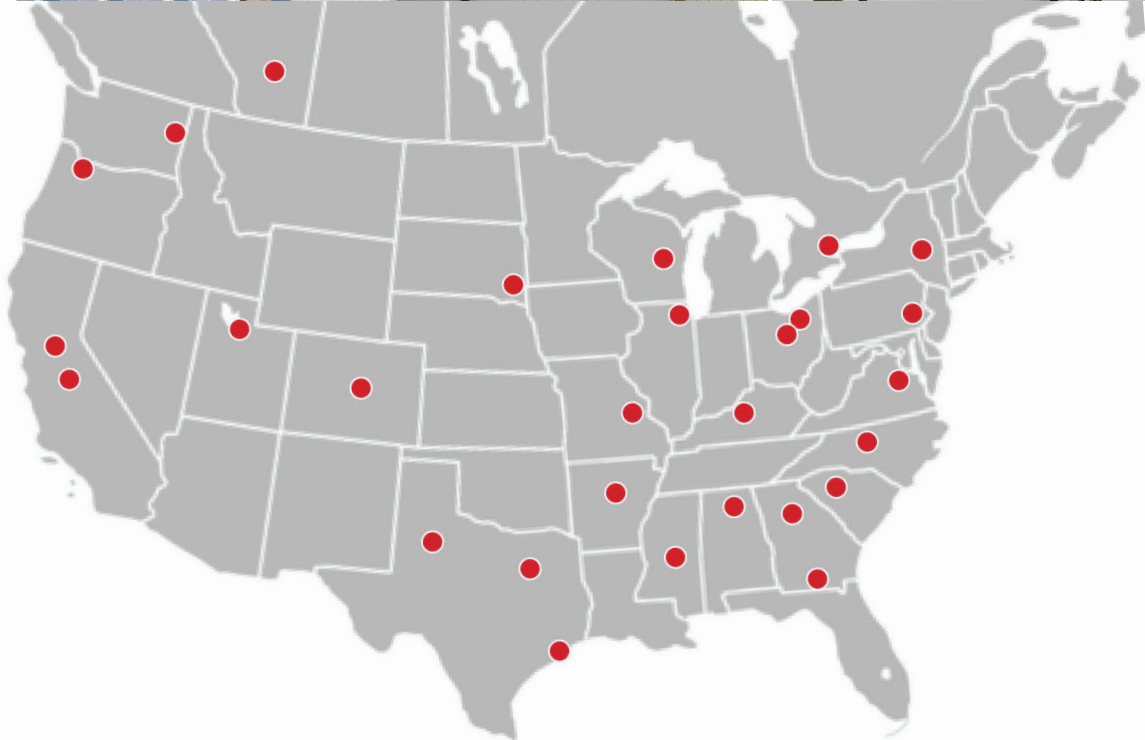
BEST IN CLASS MATERIALS

- Certified Formaldehyde Free Ecosse Technology



OUR MISSION

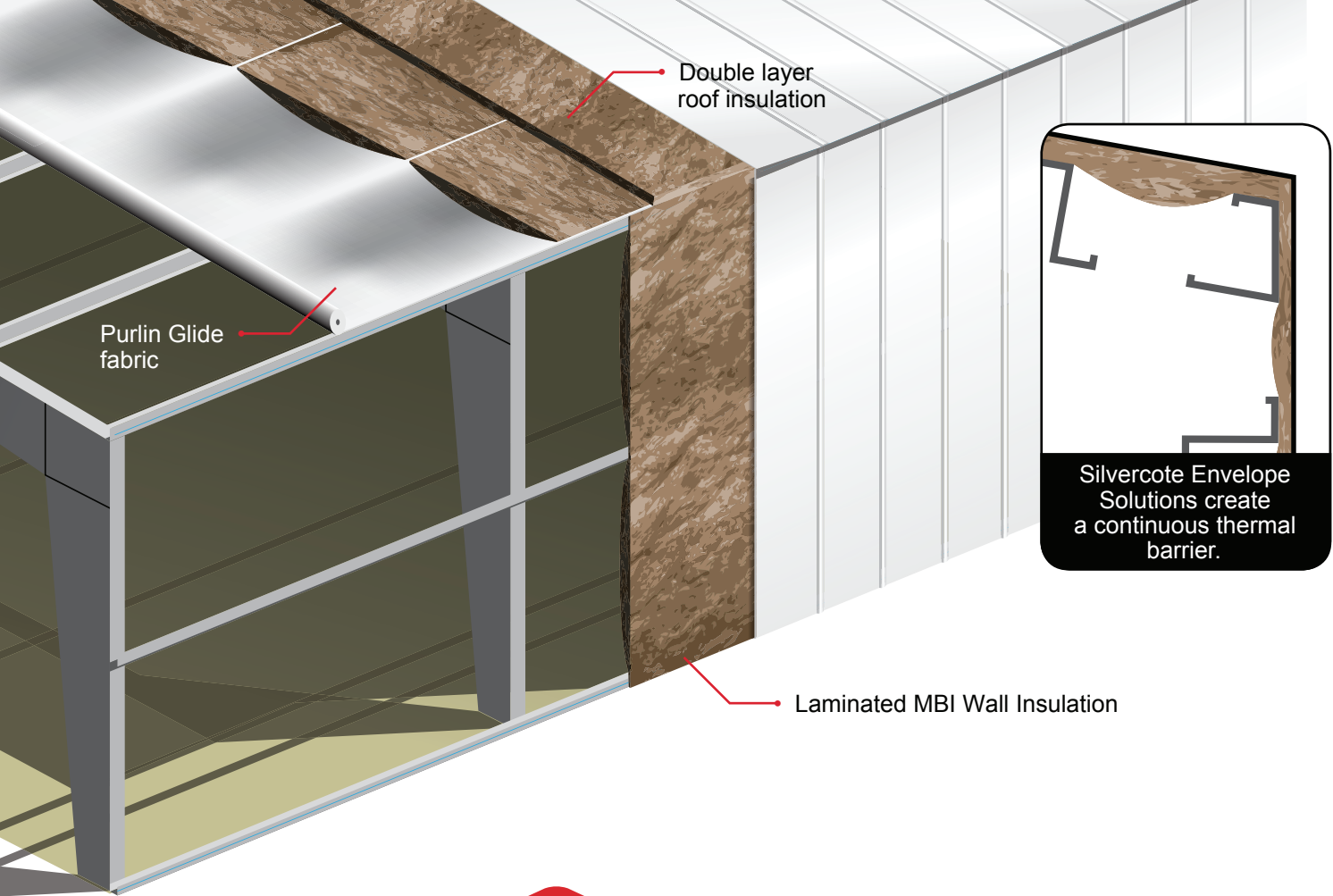
Silvercote designs custom insulation solutions that create value for our customers, employees and shareholders. We empower our employees to deliver what we promise to drive success.



For more than 90 years Silvercote has partnered with customers in the metal building industry to provide innovative custom insulation solutions and systems.

Silvercote; A Service Partners Company is part of the TopBuild family of companies. Founded in 2015, TopBuild is a leading installer and specialty distributor of insulation and building material products to the North American construction industry.

Please contact us for more information (844) 232-3701 or info@silvercote.com



Why Silvercote developed envelope solutions.

Industry wide challenges in meeting increasingly stringent building codes are the driving force behind Silvercote Envelope Solutions for Purlin Glide FP®. Purlin Glide FP is designed to provide optimal overall energy performance for your building.

We want to make complex building designs simple. We provide custom fabricated insulation and fabric, but also all necessary accessories and components to install your project correctly the first time.

We strive to provide customized insulation to meet for your specific project needs.

Purlin Glide as a Silvercote Envelope Solution!

- When installed to Silvercote's specifications provides a barrier to air leakage and contributes to a better airtight building
- Provides a clean and finished appearance of roofs
- Improves acoustical performance compared to no insulation
- Silvercote's fabric welding technology creates a continuous single custom sized fabric

What is Purlin Glide FP?

The patented Purlin Glide FP insulation system provides OSHA-compliant leading edge fall protection and a more efficient method to insulate the roof of your pre-engineered metal building. The Purlin Glide FP insulation system utilizes unfaced fiberglass year limited insulation and wide rolls of cross-woven polyethylene warranty fabric. These rolls reduce the number of seams up to 70% compared to conventional faced metal building insulation. This results in faster installation and increased productivity.



When Purlin Glide FP is installed using Silvercote's prescribed methods, it complies with OSHA's leading edge fall protection guidelines, a vital part of an overall site-specific fall protection plan.

Since the Purlin Glide FP fabric is not glued directly to the unfaced insulation or taped to the secondary steel, the fabric will have fewer wrinkles than laminated metal building insulation.

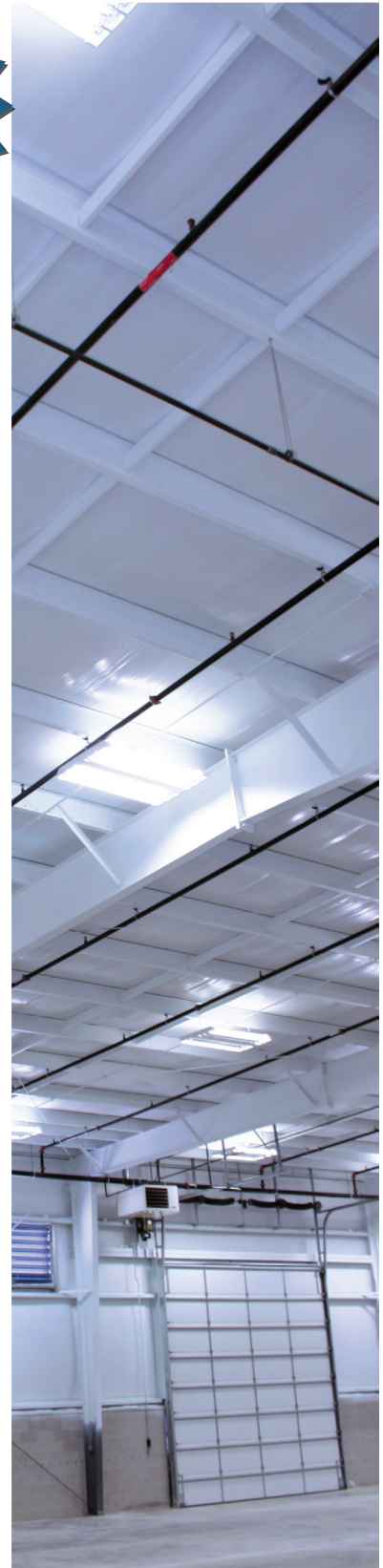
Improve productivity

71 percent of office workers list noise as a key impediment to productivity. In fact, noise pollution is a major environmental problem and exposure to excessive noise causes stress, poor concentration, productivity reduction, fatigue and loss of psychological well-being. ECOSE glass mineral wool insulation in walls, ceilings, floors and ducts significantly reduces the amount of noise inside buildings.

Use Purlin Glide Envelope in:

- Manufacturing facilities
- Aircraft hangers
- Sports arenas
- Retail locations

Insulation products, specifically wall and ceiling insulations also reduce noise transfer from one room to another.





PURLIN GLIDE FP

INSULATION & LEADING EDGE FALL PREVENTION SYSTEM

OSHA-compliant leading edge fall protection for roofs

The Purlin Glide FP system meets OSHA requirements for leading edge fall protection. To meet OSHA guidelines an insulation support and fall protection system must restrain and support 400 pounds dropped from at least 42" above the system. The Purlin Glide FP system passes this rigorous test! Go to silvercote.com to view OSHA's review letter.



Tensile strength testing –

We conduct daily testing on actual production samples of welded Purlin Glide FP fabric to ensure your safety. Production samples must exhibit a seam strength of more than double the required failure strength to meet our standards and be considered acceptable for use in our roof Purlin Glide FP system.

Straight Welds –

The Purlin Glide FP fabric is laser aligned and vacuumed into place prior to being hot-air compression welded. Precision winding results in square, tight and easy to unwind rolls.



Minimal seams & increased productivity

Fabric rolls in widths up to 27' and lengths up to 210' allow for increased productivity by reducing seams up to 70% compared to conventional faced metal building insulation. Our fabric roll overlap does not require any staples or tape. Longer lengths can be requested and will be evaluated at the time of production.

Lightweight equipment & quick set-up time

Lightweight, well-maintained equipment and wide fabric rolls make the set-up quick and easy. The provided layout sheet takes the guesswork out of equipment and fabric roll placement.

PROVIDES



**Bright Clean
Finished
Appearance**



**Vapor
Retarder**



**ECOSE[®]
TECHNOLOGY**
**Formaldehyde
Free**



**Excellent
Acoustic
Properties**



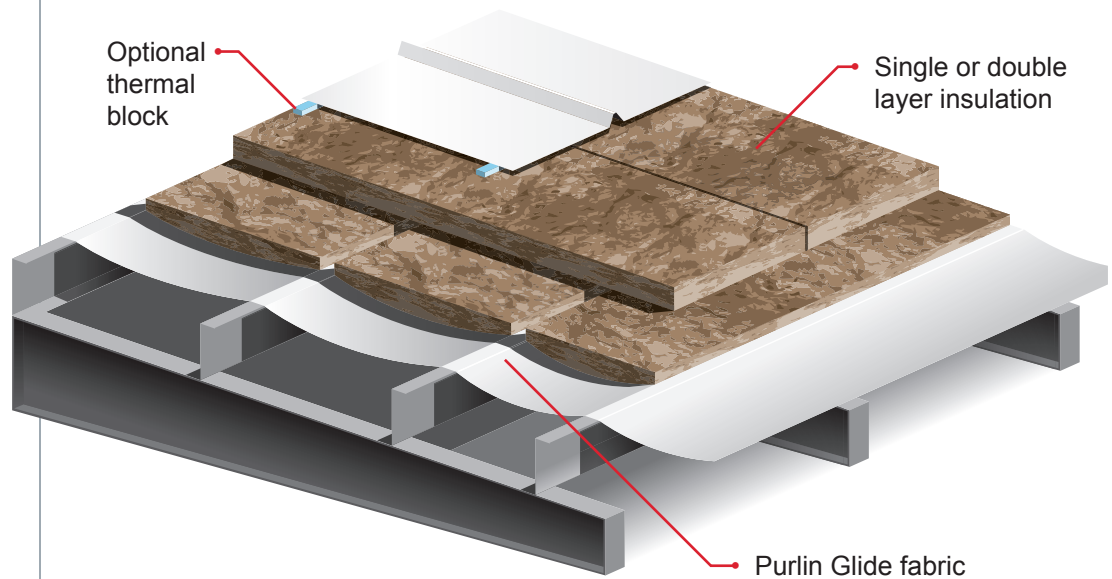
**Custom
Sized
Fabric &
Insulation**



**Air
Tightness**

OSHA - compliant leading edge fall protection (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



ECOSE glass mineral wool insulation

Our glass mineral wool insulation is available with ECOSE Technology binder. ECOSE Technology insulation products deliver the same exceptional quality, handling and durability you have come to expect and is Formaldehyde Free! It is certified to the toughest indoor air quality certification in the industry - GREENGUARD Gold - and is certified to meet CHPS Low-Emitting Materials criteria section 01350.



SINGLE LAYER SYSTEMS

R-value	Nominal Thickness
R-8	2½"
R-10	3¼"
R-11	3½"
R-13	4¼"
R-19	6"
R-20	6"
R-25	8"
R-30	9¼"

DOUBLE LAYER SYSTEMS**

R-value	Thickness	Configuration
R-20	6½" Double Layer	(R-10 + R-10)
R-23	7½" Double Layer	(R-13 + R-10)
R-26	8½" Double Layer	(R-13 + R-13)
R-29	9¼" Double Layer	(R-19 + R-10)
R-30	9½" Double Layer	(R-19 + R-11)
R-32	10¼" Double Layer	(R-19 + R-13)

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.

The standard color is white; however, additional colors are available on a non-standard basis (minimum order size and lead time will vary). Purlin Glide FP fabric can be cleaned with a mild dishwashing detergent; chemical cleaners should be avoided.

Coating Thickness	1.75/1.1 mil average
Weight	3.4 oz. per square yard
Tensile Strength	115 lbs. warp x 65 lbs. weft (ASTM D 5034)
Tongue Tear	22 lbs. warp x 18 lbs. weft (ASTM D 2261)
Puncture Resistance	43 lbs. (ASTM D 4833)
Permeance	0.02 (ASTM E 96 A&B)
Light Reflectance	>80% (ASTM E 1347)
Mullen Burst	165 psi (ASTM D 3786)
Flame Resistance	Flame Spread - 10 Smoke Developed - 30 (ASTM E 84 & UL 723)
UV Weathering	UV stabilizers added for extra protection

Note: These are manufacturer supplied property values and are intended as guides only. The figures listed do not represent specification minimums or limits.

The Purlin Glide FP system provides OSHA-compliant leading edge fall protection when installed according to the manufacturer's specifications by a Silvercote certified installing contractor. See Silvercote's Purlin Glide FP Contractor Agreement for complete details.

NOTES



**Please contact your Silvercote Sales Representative
for more information at (844) 232-3701 or info@silvercote.com**