



Thermoplastic Single Ply & Multi-Ply Roofing Systems



COMMERCIAL



INDUSTRIAL



INSTITUTIONAL



RESIDENTIAL

Specializing in Roof Solutions for over 35 years

FlexRoofingSystems.com

Thermoplastic Single Ply Roofing Systems



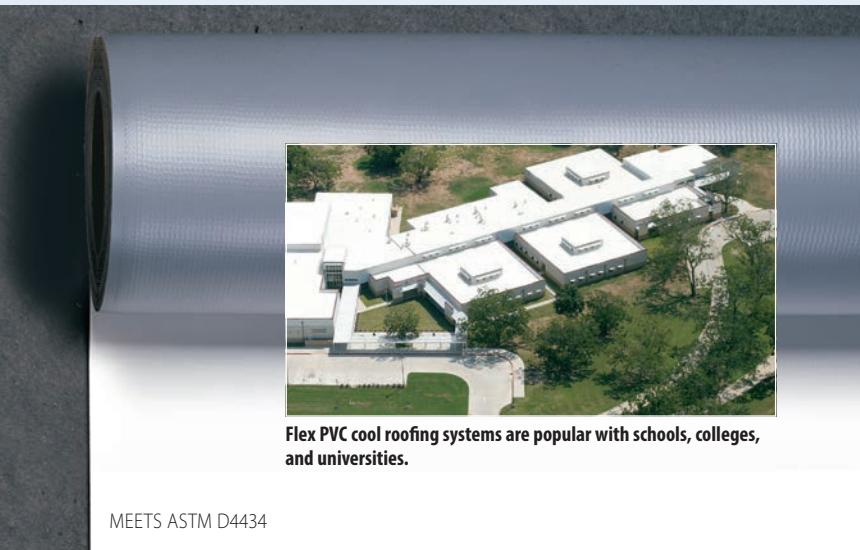
MEETS ASTM D4434

SUPERIOR PERFORMER

Flex Elvaloy® KEE

Flex Elvaloy® KEE is one of the world's premier single-ply membranes containing DuPont Elvaloy® KEE, the ingredient that enhances toughness, workability, chemical resistance, and provides an exceptionally long service life. The Flex Elvaloy® fleece-backed (FB) membrane is compatible with Flex water-based cold emulsion adhesive, Flex FB Low Rise Adhesive, or hot steep asphalt.

- Available in 10' wide rolls for faster installation and fewer seams
- Available in smooth back and fleece back options
- Can cover smooth BUR to reduce tear-off labor and disposal costs
- Membrane stays flexible and workable indefinitely
- Highly resistant to chemicals, coolants, grease, and industrial pollutants
- Installs fully adhered, mechanically attached, or with Flex Induction Weld System, ideal for protective membrane roof (PMR) applications
- Available in 45, 50, 60, 80, and 120 mil thicknesses



MEETS ASTM D4434

EXCELLENT VALUE

Flex PVC Reinforced

Flex PVC Reinforced is a tough, durable, and easy-to-apply thermoplastic roofing system suitable for a wide range of applications.

- Reflects solar heat for a cooler roof and lower air conditioning costs
- Environmental product declaration for PVC membrane
- Built-in resistance to chemicals, UV, and fire
- Over 45 years of proven performance
- Flex PVC architectural roof rib
- Installs fully adhered, mechanically attached, or with Flex Induction Weld System
- Ideal waterproofing membrane for green roofs and below-grade installations
- Available in 50, 60, 72, 80, and 96 mil thicknesses



MEETS ASTM D6878

ECONOMICAL VALUE

Flex TPO

Flex TPO provides a value-priced option for white, highly reflective cool roof solutions. It offers easy installation, great performance, and a long service life.

- Available in 10' wide rolls for faster installation and fewer seams
- Installs fully adhered, mechanically attached, or with Flex Induction Weld System
- Delivers outstanding cool roof solutions
- Highly resistant to chemicals, coolants, grease, and industrial pollutants
- White and tan Flex TPO membranes qualify for LEED™ credits
- Solar reflectance value: 109
- Exceeds California Title 24 requirements
- Available in 45, 50, 60, 72, and 80 mil thicknesses

Flex TPO membranes provide economical solutions to building owners' problems and budgets.



Flex ISO insulation board was developed with a high-strength polyiso construction, making it lightweight and providing a high-performance R-value based on Long Term Thermal Resistance (LTTR).

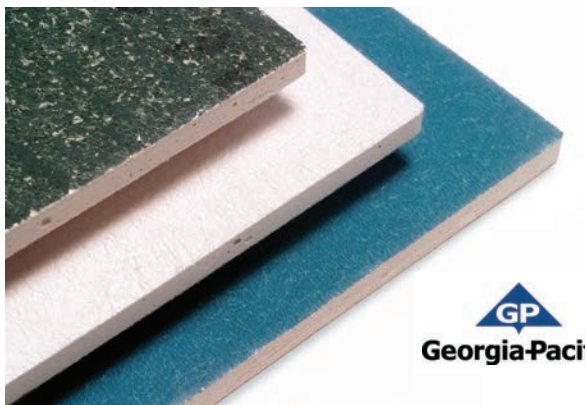
Flex™

POLYISO Insulation Products

Flex provides a wide range of "green" ISO insulation board for all applications.

- Flex AC-II: Non-asphaltic fiber reinforced organic felt facers. Contains between 52.9% and 27.6% recycled content by weight. ASTM C1289 Type II, Class 1, Grade 2 (20 psi) or Grade 3 (25 psi)
- Flex AC-III: Inorganic coated glass facers. Contains between 11.2% and 6.2% recycled content by weight. ASTM C1289, Type II, Class 2, Grade 2 (20 psi) or Grade 3 (25 psi)
- Available in 4'x4' and 4'x8' sheets, ranging from 1" to 4.5" thick
- Flex HD Cover Board: High-performance inorganic ACfoam-III coated glass facers. ASTM C1289, Type II, Class 4, Grade 1 (80 psi). Available in 1/2" thick 4'x4' and 4'x8' sheets
- Highly versatile; ideal for all single-ply and multi-ply roofing applications
- Full Tapered Polyiso Design services available
- 4'x4' tapered panels are available in various slopes ranging from 1/8"/ft to 1/2"/ft
- Can qualify for multiple LEED credits

DensDeck®



DensDeck® roof boards are the industry gold standard for use as the substrate supporting single-ply roofing membranes. They offer superior moisture resistance, fire resistance, strength, and dimensional stability.

- Fire, rot, and hail-resistant
- Stiffens and stabilizes the roof deck
- Improves wind uplift resistance
- Ensures long term fire performance of assemblies
- Holds up to normal foot traffic
- Ideal for use in cool roof, solar, and green roof applications

Securock® Gypsum-Fiber Roof Board

A high-performance gypsum-fiber roof board designed for low-slope commercial roofing systems.



- Exceptional bond and low absorption in adhered systems
- Moisture and mold resistant
- Excellent wind-uplift performance
- Manufactured from 95% recycled material
- Provides excellent fire performance with exceptional surface burning characteristics (ASTM E84 (CAN/ULC-S102) Flame Spread 5, Smoke Developed 0)
- Can be used as a component in single-ply, fluid-applied, built-up, spray foam, metal, and modified bitumen roofing



PVC Standing Seam Roof Rib

The Flex PVC Roof Rib offers a high-quality, cost-effective alternative to traditional metal standing seam roofs. Designed to mimic the appearance of a standard standing seam, it reduces long-term maintenance costs for building owners. Manufactured from the same Flex compound used in Flex Roof membranes, it is available in a wide range of colors to complement any building design.

- Installed on fleece back or smooth back membrane
- Adhered Systems only
- Fast and simple installation
- Ribs available in 10' lengths
- Flexible rib spacing
- Available in a wide range of colors
- Covered under Flex long-term warranties



This product boasts a wide (approximately 2") base flange and a tall (1-1/8") rib profile, with each rib incorporating a 1/8" diameter fiberglass reinforcing cord for enhanced dimensional stability.

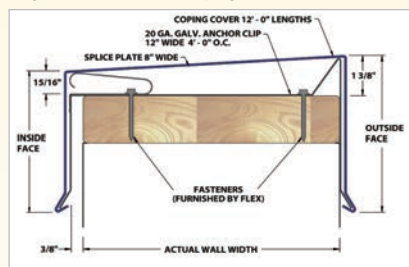


Roof Edge Systems

Flex Roofing Systems' total system warranties include the Flex Roof Edge Systems, ensuring complete wind uplift protection from edge to edge.

Flexcap FLC Coping

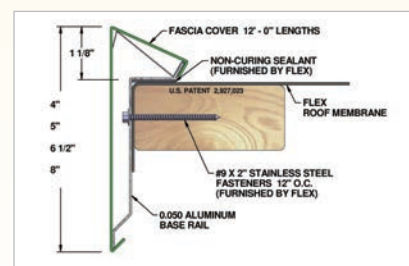
24 ga., .040", .050" & .063" coping cover



- FLC Coping Cap
- FLE Roof Edge
- FLT Roof Edge
- Flexlock Drip Edge
- Kynar 500 Finish
- Standard and Custom Colors
- Aluminum and 24 ga. Steel
- Full System Warranties

Flexlock FLT Roof Edge

24 ga. & .040" fascia cover



Induction Welding Roof Assembly

An advanced, non-penetrating, all-in-one system that uses Flex Fasteners and specially coated plates to secure the membrane, insulation, and coverboard to the deck. This system ensures superior wind uplift performance while eliminating potential points of entry for moisture intrusion.



FM approved up to 150 psf

RhinoBond® is a registered trademark of OMG, Inc. and is patent protected.

KEY ADVANTAGES

- Fewer seams, no half sheets
- Reduced flutter
- Even load distribution
- FM 1-150 wind uplift approval
- Fewer fasteners, faster dry-in
- Zero Membrane Penetrations
- Streamlined installation
- Increased production results in lower installed cost
- Compatible with ISO, DensDeck®, Securock®, and Recover Systems
- Operates on 110 volts
- Meets FM 4470
- Enhanced system performance



Flex Thermoplastic Roofing Systems

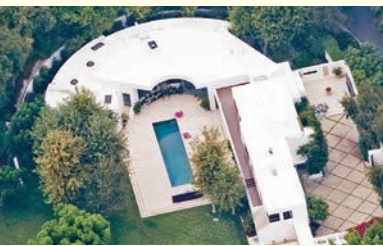
We have over 35 years of history providing high-performance roofing solutions to the commercial and residential markets, with over 300 million square feet installed.

We offer complete roofing systems with edge-to-edge long-term warranties.



Flex's Three Cool Roof Solutions

- Elvaloy® KEE Thermoplastic: Superior long-lasting performance
- PVC: Outstanding value
- TPO: Economical



Applications

- Commercial, industrial, residential
- New and re-roof installations
- Waterproofing Products and Systems
- Green Roof Solutions
- Solar Photovoltaic Systems
- CRRC approved
- LEED credits available

Range of Roofing Systems

- Mechanically fastened
- RhinoBond™ and Isoweld™
- Adhered:
 - Cold-applied
 - Low rise foam
 - Hot-applied
- Flex PVC Roof Rib Profile
- FlexDeck Material for Residential and Commercial Decks

Complete Line of Accessories

- ISO Insulation Board and Tapered Systems
- Extruded Polystyrene
- HD Coverboard
- GP DensDeck Roof Boards
- USG Securock Roof Boards
- Architectural Perimeter Metal



Flex Thermoplastic Membranes are available in a wide range of colors to meet the demanding requirements of any project.

Commitment to Customer Satisfaction is Our Number One Priority

- Nationwide Sales Force
- Outstanding Sales and Technical Support
- Contractor Training for Applicator Approval Certification
- Roof Inspection Analysis

Flex

Thermoplastic Single Ply and Multi-Ply
Roofing and Waterproofing Systems



Visit our website FlexRoofingSystems.com

Our high-traffic site offers a comprehensive open library of practical data essential for architects, contractors, and specifiers. It covers everything needed for the proper selection, installation, and supporting requirements of successful single-ply and multi-ply roof assemblies, as well as cool roofs, green roofs, and high-efficiency solar roof installations.

COMMERCIAL



INSTITUTIONAL



GREEN ROOF



SOLAR



We provide advanced roofing solutions for a wide range of applications, including cool roofs, green roofs, and solar PV systems. Our technical expertise is second to none, and we support designers and installers by providing technical assistance for all the systems we offer.



Flex Warranties

We offer standard ten-, fifteen-, twenty-, twenty-five-, and thirty-year warranties, depending on the product used, the method of application, the type of application, and the climatic environment.

MasterSpec®
Powered by Deltek Specpoint®

Flex™

Thermoplastic Single Ply and Multi-Ply Roofing
and Waterproofing Systems

BSD **speclink®**

AIA **Approved**
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Education

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