



Single-ply Simplified

WB
WEATHERBOND
ROOFING SYSTEMS



WeatherBond Roofing Systems

WeatherBond Roofing Systems offers roofing contractors easy-to-install and nationally distributed single-ply roofing systems including EPDM, TPO, PVC and fleece-backed membranes. Whether you need ease of installation, ease of purchase, or simply the right product for the right application, WeatherBond has the solution.

Warranties

WeatherBond offers unparalleled warranties for both commercial and residential applications. Offering both a material warranty and an extended warranty that includes labor costs, WeatherBond has a solution for all of your roofing system and warranty needs.

WeatherBond Warranty Options

	Limited Lifetime Residential Membrane Material Warranty	Non-Residential Membrane Material Warranty	Extended Material Warranty
Who Can Offer	Anyone	Anyone	WeatherBond Recognized Contractors
Length of Warranty	60 mils or Thicker: Limited Lifetime Less Than 60 mils: 15 years	Less Than 60 mils: 15 years 60-mil: 20 years Thicker than 60-mils: 30 years	10, 15 or 20 Years *25 year and 30 year also available
Coverage Includes	Material	Material	Material & Labor Costs to Make Repairs
Residential Coverage	Yes	No	Yes
Includes Replacement Material	Yes	Yes	Yes
Cost	Free	Free	Varies

*A 25-year extended warranty is available for membranes 75-mil and thicker. A 30-year extended warranty is available for membranes 80-mil and thicker.

Recognized Contractors:

WeatherBond's Recognized Contractor Program provides contractors exclusive access to WeatherBond's Extended Material Warranty, which covers both material and labor. Building owners who choose to have a Recognized Contractor install their roof enjoy additional peace of mind and the option of an extended warranty.



WeatherBond **EPDM** Membranes

WeatherBond's EPDM Roofing Systems provide building owners with a long-lasting, dependable roof system and contractors with a fast and easy installation. Ideal for four season environments because of its ability to expand and contract in wide temperature extremes.

The benefits of WeatherBond EPDM include:

- Black and white accessories, including seam tape, pipe boots, flashings, corner covers and more
- Available with pre-applied seam tape, reducing time required to complete seams
- Proven performance for more than 50 years

System Options:

Fully Adhered Systems

- 50 years of proven performance
- Dark-colored EPDM reduces heating costs in colder climates, where they are generally 3–5 times greater than cooling costs
- Industry-leading UV resistance
- Superior resistance to hail damage
- Variety of adhesive options

Mechanically Attached Systems

- Dark-colored EPDM reduces heating costs in colder climates, where they are generally 3–5 times greater than cooling costs
- Industry-leading UV resistance
- Reinforced sheets offer added toughness and puncture resistances
- Ideal for steel and wood decks
- Quick and economical installation



Peel & Stick (PAS) EPDM Membrane

WeatherBond's PAS EPDM is a nominal 60-mil EPDM membrane laminated to a 100% solid pressure-sensitive adhesive and is available in both reinforced and non-reinforced EPDM and white EPDM.

Benefits of PAS EPDM:

- Provides up to 80% productivity increase compared to traditional bonding adhesives
- Eliminates loading, stirring, application, and disposal of bonding adhesive
- No fumes or odors minimizes disruption on occupied buildings
- All PAS EPDM comes standard with time-tested and proven Pre-Applied Seam Tape technology



WeatherBond TPO Membranes

WeatherBond's TPO Roofing Systems are a heat-weldable single-ply roofing product line that can be either mechanically attached or fully adhered and provides extreme flexibility and long-term durability.

The benefits of WeatherBond TPO include:

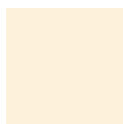
- Industry-leading weathering package, OctaGuard XT, that provides superb resistance to UV exposure
- Complete line of heat-weldable prefabricated accessories
- TPO special colors available, in addition to the standard white, gray, and tan color options
- Standard Colors:



White



Gray



Tan

- Special Colors:



Slate Gray



Med Bronze



Terra Cotta



Patina Green



Rock Brown

Peel & Stick (PAS) TPO

Available in a 60-mil or 80-mil white, gray, and tan membrane, PAS TPO includes a factory-applied adhesive to ensure uniform coverage and performance. PAS TPO offers up to an 80% labor savings versus traditional membrane and bonding adhesive and has no odors or VOCs.

Weld-Free TPO

The Weld-Free TPO System from WeatherBond is an energy efficient, cool-roofing option that can be fully adhered or mechanically attached without the use of a heat welder. White Peel & Stick accessories are used to complete the details.

Optional APEEL™ Protective Film

Shield WeatherBond's TPO membrane from dirt and scuffs during installation with APEEL Protective Film. Durable and easy to remove, APEEL eliminates the need for rooftop cleaning upon project completion.



- Ideal for re-roofing, re-cover, and new construction projects
- Simple and easy to remove
- Saves time and money when compared to pressure washing
- Protecting from dirt maintains maximum membrane reflectivity and long-term performance

Installation

Simply order membrane with APEEL, install, and remove the film to reveal a clean, new roof.

- APEEL Protective Film should be removed from within areas that are to be heat-welded together. In areas that do not require heat-welding, the APEEL Protective Film can be left in place for up to 90 days without degrading due to its excellent heat- and UV-resistance.
- When the installation of the entire TPO roofing system is complete, remove and discard the APEEL Protective Film.



WeatherBond **PVC** Membranes

WeatherBond's PVC Roofing Systems can be mechanically attached or fully adhered and features many cool roof attributes, contributing to the reduction of a building's energy costs. Its high chemical resistance makes it perfect for use in restaurants.

The benefits of WeatherBond PVC include:

- Puncture, fire, and chemical resistant
- Complete line of prefabricated accessories such as walkway rolls, inside and outside corners, and pipe seals
- Designed with the most stringent quality control measures for long-term extended performance
- Available colors:



Optional **APEEL** Protective Film

Shield WeatherBond PVC membrane from dirt and scuffs during installation with APEEL Protective Film. Factory-applied and easy to remove, APEEL eliminates the need for rooftop cleaning upon project completion.



- Ideal for re-roofing, re-cover, and new construction projects
- Simple and easy to remove
- Film utilizes 50% recycled content
- Saves time and money when compared to pressure washing
- Protecting from dirt maintains maximum membrane reflectivity

Installation

Simply order membrane with APEEL, install, and remove the film to reveal a clean, new roof.

- APEEL Protective film can be left in place for up to 90 days without affecting the integrity of the film
- After 30 days, membrane sections covered by APEEL should be cleaned with PVC/KEE HP membrane cleaner prior to welding
- Be sure to clean any excess cleaners, solvents, or adhesives spilled on APEEL protective film



WeatherBond **Fleece** Membranes

WeatherBond's Fleece membranes incorporate all of the advantages of WeatherBond's TPO and PVC membranes, with the added benefits of a non-woven polyester fleece backing. Ideal for new construction and re-roofing products, WeatherBond Fleece membranes can be fully adhered using Flexible DASH adhesive, or mechanically attached. Composed of WeatherBond's TPO, PVC, or KEE HP membranes, adhered to a 55-mil fleece.

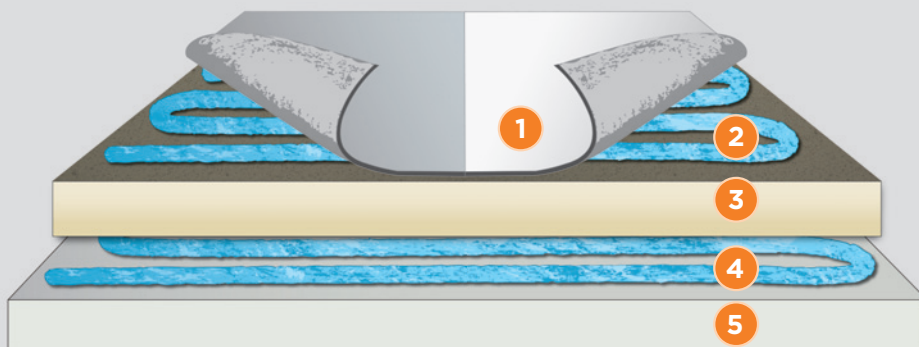
Benefits of WeatherBond Fleece Membranes:

- Puncture- and hail damage-resistant
- Unmatched durability
- Includes a full line of prefabricated accessories



WeatherBond Fleece Fully Adhered Roofing System with Flexible DASH Adhesive

WeatherBond Fleece systems are installed using Flexible DASH Adhesive for a VOC-free, quiet, low-odor, non-penetrating application and roof system that offers superior wind uplift.

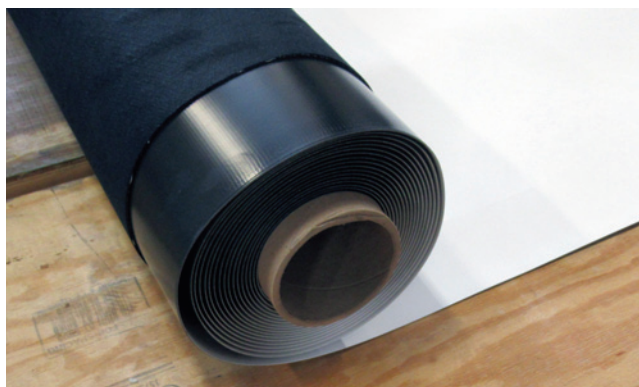


Typical Application

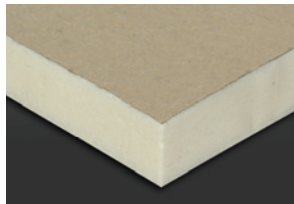
- 1 WeatherBond TPO, PVC, or KEE HP Fleece Membrane
- 2 Flexible DASH Adhesive
- 3 Acceptable Insulation
- 4 Flexible DASH Adhesive
- 5 Approved Roof Deck

WeatherBond **FR TPO**

WeatherBond's Fire-Rated (FR) TPO Fleece membranes are manufactured using a hot-meld extrusion process. The TPO is reinforced and enhanced with a 10-ounce fire-resistant fleece, creating a total sheet thickness of 115-mils. This system provides a UL Class A fire rating for direct application to wood decks. The TPO FR Fleece system is approved for mechanically attached applications and eliminates the need for multiple layers of base sheets or gypsum thermal barriers.

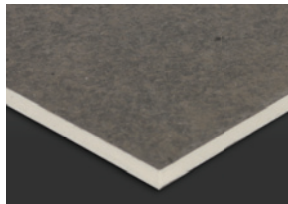


WeatherBond **Insulation**



XP Polyiso

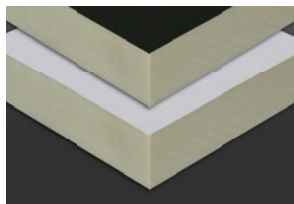
A rigid roof insulation panel composed of closed-cell polyisocyanurate foam core bonded to **glass-reinforced felt (GRF) facers**. UL and FM approved for direct application over steel decks, polyiso provides the highest R-value per inch of any commercially available insulation product.



XP HD

A rigid roof insulation panel composed of ½" high-density, closed-cell polyisocyanurate foam core bonded to **glass-reinforced felt (GRF) facers** and specifically designed to be used as a cover board in mechanically-fastened or induction-welded systems only.

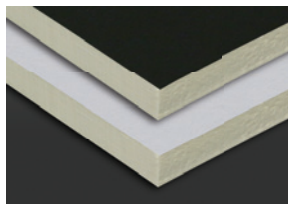
Provides 5 times the R-value at one-fifth the weight of traditional gypsum cover boards.



XFP Polyiso

A rigid roof insulation panel composed of a closed-cell polyisocyanurate foam core bonded to high performance **coated glass facers (CGF)**. Ideal for use in adhered membrane systems. 1" board achieves UL Class A fire rating over combustible decks.

ReadyFlash
TECHNOLOGY



XFP HD

A rigid roof insulation panel composed of ½" high-density, closed-cell polyisocyanurate foam core bonded to a premium performance coated glass facer (CGF) specifically designed for use as a **cover board**. Provides 5 times the R-value at one-fifth the weight of traditional gypsum cover boards. ½" board achieves UL Class A fire rating over combustible decks.

ReadyFlash
TECHNOLOGY

WeatherBond **Adhesives**



CAV-PRIME EPDM V-150 Primer

V-150 Primer packaged in a pressurized cylinder for spray application. V-150 Primer is a solvent-based product designed for one-step cleaning and priming of EPDM surfaces prior to the application of Peel and Stick (PAS) Tape and all other pressure-sensitive (PS) products. CAV-PRIME primers are applied using a self-contained spray system coupled with a spray gun with extension wand and applicator attachment kit. CAV-PRIME spray guns, hoses, and applicator attachment kits are sold separately.



CAV-PRIME Low-VOC EPDM and TPO Primer

Low-VOC EPDM and TPO primer packaged in a pressurized cylinder for spray application. Low-VOC Primer is a solvent-based product designed for one-step priming of EPDM or TPO surfaces prior to the application of Peel & Stick Tape, Coverstrip, and all other Peel & Stick products. This product is designed to comply with VOC regulations. CAV-PRIME is applied via a self-contained spray system coupled with a spray gun with extension wand and applicator attachment kit. CAV-PRIME spray guns, hoses, and applicator attachment kits are each sold separately.



Flexible DASH Dual Tank Adhesive HFO

WeatherBond's Flexible DASH Dual Tank Adhesive is a two-component, construction-grade, low-rise polyurethane adhesive designed for bonding WeatherBond's Fleece membranes and/or insulation to various substrates. Now featuring an HFO blowing agent, Flexible DASH Dual Tanks have improved characteristics compared to products that use an HFC blowing agent.



CAV-GRIP® III Adhesive/Primer

CAV-GRIP III is a low-VOC spray applied aerosol contact adhesive and primer that can be used for adhering all WeatherBond Fleece membranes, standard TPO and EPDM to vertical walls, in addition to adhering standard TPO and EPDM membranes to horizontal surfaces. CAV-GRIP III can also be used to enhance the bond between WeatherBond's VapAir Seal® 725TR and various substrates and priming unexposed asphalt prior to applying Flexible DASH Adhesive for insulation attachment.



CAV-GRIP PVC

CAV-GRIP PVC Aerosol Contact Adhesive can be used for a variety of applications: adhering PVC bareback membranes to a variety of horizontal substrates and vertical walls (**cannot be used with any KEE or KEE HP bareback membranes**), adhering Fleece membranes to vertical walls, as a primer for VapAir Seal 725TR, and as an unexposed asphalt primer for Flexible DASH.



WEATHERBOND
ROOFING SYSTEMS

Single-Ply Simplified

P.O. Box 251 | Plainfield, PA 17081 | 866.471.5125 | FAX: 717.960.4034 | www.weatherbondroofing.com

© 2023 WeatherBond. 12.11.23 REPRINT REQUEST CODE: 605225 WB-1080 - "WeatherBond Capabilities Brochure"
WeatherBond is a trademark of WeatherBond. CAV-GRIP, VapAir Seal, and APEEL are trademarks of Carlisle Construction Materials, LLC.