

EZ EPDM Peel & Stick™ Membrane

Item Description

.060" x 10' x 100' (1.52 mm x 3.05 m x 30.5 m)

Weight: 0.040 lb/ft² (0.002 kg/m²)

Item Number

W59L61010SA



Description

GenFlex EZ EPDM Peel & Stick Membrane with Secure Bond™ Technology is the next generation of self-adhered roof system application. Secure Bond Adhesive is factory applied which ensures uniform adhesion across the entire membrane, creating a powerful bond with the substrate. This advanced technology not only improves installation speed over traditional fully adhered applications, but also widens the installation window with the ability to be installed from 20 °F (-7 °C) to 120 °F (49 °C). With no VOCs emitted during field membrane application, EZ EPDM Peel & Stick Membrane with Secure Bond Technology is a reliable solution for all your fully adhered roofing needs.

Membrane Preparation

1. Substrates must be clean, dry, and free of foreign material such as grease and any debris which could inhibit adhesion. This may require cleaning with a broom or blower.
2. Fasten insulation per current Holcim technical specifications to provide a proper substrate.
3. Install EZ EPDM Peel & Stick membrane only when ambient and substrate temperatures are minimum 20 °F (-7 °C) and rising. Do not install EZ EPDM Peel & Stick below this minimum temperature.
4. Unroll and position the membrane over the substrate to achieve the desired alignment and overlaps. Allow membrane to relax before positioning and adhering. **NOTE: Once the membrane has fully relaxed, follow field membrane and roof edge membrane application methods below to adhere the membrane to the approved substrate.**

Method of Application

Field Membrane Application (Steps 1-5):

1. Once the membrane has relaxed in place a minimum of 30 minutes (longer in colder weather), and the seam positions are properly aligned, carefully fold back the leading edge of the membrane at one end to expose the release liner without disturbing the original position of the membrane.
2. Starting from the center split of the exposed release liner, remove the liner on both sides of the split at a 45° angle back beyond the membrane edge, making sure to pull enough of the release liner to hold below the membrane. Remove approximately 5' (1.5 m) of release liner from one end of the sheet and adhere the membrane to the substrate. The release liner removed should be enough to extend out beyond both edges of the membrane.
NOTE: Do not fold the length of the roll in half.
3. Keeping the membrane flat and secured, and the seam overlap aligned, continue removing the release liner at a 45° angle along the entire length of the entire sheet (up to 100'). Pulling the release liner at a higher angle can cause the sheet to move and may trap air. The two halves of the release liner should be pulled out at the same time by two people. Keep the release liner as close to the roof surface as possible during removal. **NOTE: Removal of the liner and any handling of the exposed Peel & Stick adhesive should be done by two persons minimum.**
4. To initiate adhesion, use a stiff bristled broom and apply downward pressure across the width of the sheet working toward the sheet edge. Repeat the process for the other half of the membrane by starting from the center and brooming toward the sheet edge.

Field Membrane Application (Steps 1-5) Continued:

5. Roll the installed membrane with a weighted roller (5 lb per lineal inch) across the width of the membrane to ensure full contact with the substrate. **NOTE: Do not roll membrane in place with a weighted roller if installed over GenFlex 1/2" HD ISO or GenFlex Coated Glass Facer Polyiso.**

Seaming

NOTE: It is very important that both surfaces are clean, and no moisture is present on the splicing surfaces.

1. Side Laps - Fold back the membrane at the side lap to expose the unadhered selvage edge of the top sheet and the bottom surface of the field seam. Prime the area to receive GenFlex Seam Tape 3" (76 mm) with an approved GenFlex primer per current specifications. Use the touch/push test to verify the primer has flashed off then apply the GenFlex Seam Tape per GenFlex "Seam Tape Application Instructions".
2. End Laps – Because the Secure Bond Adhesive extends the entire length of the roll, adjoining end laps must be stripped in. Prime and overlap the butt ends of EZ EPDM Peel & Stick membrane a minimum of 3" (76 mm). Apply additional primer 4" (102 mm) to either side of the overlap. After the primer has flashed off, strip in the entire end lap with 6" (152 mm) GenFlex Cover Tape.
3. Detailing - Install t-joint patches at all Cover Tape Strip overlaps, tape laps, etc., and apply a bead of Lap sealant as required by current Holcim specifications.

***LEED® Information**

Post-Consumer Recycled Content: 0%

Post Industrial Recycled Content: 3-5%

Manufacturing Location: Tuscumbia, AL

*NOTE: LEED® is a registered trademark of the U.S. Green Building Council.

**Shelf Life**

18 Months when stored between 60 °F (16 °C) and 80 °F (27 °C) out of direct sunlight.

Storage

- Warehouse membrane in a clean dry location.
- EZ EPDM Peel & Stick membrane stored on jobsite must be kept dry.
- EZ EPDM Peel & Stick membrane must be a minimum of 20 °F (-7 °C) prior to installation.
- Store away from sources of punctures and physical damage.
- Make certain the structural decking will support the loads incurred by material when stored on rooftop. The deck load limitations should be specified by the project designer.
- Store away from ignition sources.

Precautionary Data

- Take care when moving, transporting, and handling to avoid sources of punctures and physical damage.
- Removal of the polymeric release liner from the adhesive backing may create a static electric charge; care should be used when removing and handling the release liner.
- Refer to Safety Data Sheets (SDS) for additional safety information.

Acceptable Substrates

Substrate	Primer Required	Special Application Considerations / NOTE
GenFlex Iso / GL Iso	No	None
GenFlex HD Iso	No	Broom only, do not roll in place with weighted roller
GenFlex Coated Glass Facer Iso / CG Iso	No	Broom only, do not roll in place with weighted roller
Structural Concrete	No	Must be clean, dry and properly cured prior to application
Lightweight Concrete	No	Use on clean, dry and properly cured cellular lightweight concrete only, not acceptable with lightweight aggregate concrete
DensDeck®* / DensDeck Prime	No	None
Securock®**	No	None
Plywood or OSB	No	Check local code for acceptance of direct application
CMU / Masonry	No	Must be clean & dry prior to application.
Vertical Substrates	Yes	Apply an acceptable GenFlex primer to all vertical substrates.

*DensDeck is a trademark of the G-P Gypsum Corporation

**Securock is a registered trademark of the USG Corporation

Typical Properties – SecureBond Pressure Sensitive Adhesive

Property	Test Method	Units	Performance Min.	Typical Values
Color	---	---	---	Clear
Nominal Thickness	ASTM E 408-71	in (mm)	N/A	0.007 in (0.180 mm)
Weight	---	lb/ft² (kg/m²)	---	0.040 lb/ft²(0.002 kg/m²)

Typical Properties – EZ EPDM Peel & Stick Membrane

(Meets or exceeds ASTM D 4637, Type I non-reinforced EPDM Single-Ply roofing membranes)

Property	ASTM Standard	Performance Minimum	Typical Values – 60 mil
Overall Thickness	D 412	0.0504 in (1.372 mm)	0.059 in (1.499 mm)
Tensile Strength, min.	D 412 (Die C)	1305 psi (9.0 MPa)	1454 (10.0)
Dynamic Puncture Resistance	D 5635 / D 5635M	pass	pass
Static Puncture Resistance	D 5602 / D 5602M	pass	pass
Elongation, Ultimate, min.	D 412 (Die C)	300%	622
Tensile set, max.	D 412, Method A (Die C)	10%	2.18%
Tear Resistance, min.	D 624 (Die C)	159 lbf/in (26.3 kN/m)	219 lbf/in (38.4 kN/m)
Brittleness point, max.	D 2137	-49°F (-45°C)	-49° (-45° C)
Ozone resistance, no cracks	D 1149	pass	pass

Heat Aging:	D 573	---	---
Tensile Strength, min.	D 412 (Die C)	1205 psi (8.3 MPa)	1490 psi (10.3 MPa)
Elongation, ultimate, min.	D 412	200%	322%
Tear resistance, min.	D 624	125 lbf/in (21.9 kN/m)	179 lbf/in (31.3 kN/m)
Linear dimensional change, max.	D 1204	±1.0%	-0.32%
Water absorption, max., mass	D 471	+8%, -2%	+1.515
Factory Seam Strength, min.	D 816 Method B (modified)	50 lbf/in (8.8 kN/m) or Sheet Failure	Sheet Failure
Weather Resistance:	G 151 / D 518	No cracks or crazing	Pass
Visual inspection	G 151 / D 518	30%	53%
PRFSE, min.	G 155 / D 412 (Die C)	200%	255%
Elongation, ultimate, min.			
Air Permeance (Material)	E 2178*	<0.004 cfm/ft ² @ 1.57 lb/ft ² (0.02 L/(s • m ²) @ 75 Pa)	Pass
Weight	---	---	.47 lb/ft ² (0.0650 kg/m ²)

1. *The ASTM E2178 value listed above is for the air permeance of the EPDM Membrane component only.
2. When system design includes an air barrier, please consult your GenFlex Technical Services Coordinator for additional roof system securement enhancements.
3. Consult the Designer / Architect, Code Agency or Authority having Jurisdiction (AHJ) for requirements regarding the selection and use of an appropriate air barrier material, and its installation into the building envelope.

Please contact Genflex Technical Services at 1-800-443-4272 option 1, for further information.

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