



## The fleece-back alternative to a full reroof

Add years to a roof's life in a fraction of the time and expense, by recovering with GAF EverGuard® Fleece-back single-ply TPO or PVC membrane.





# The fleece-back alternative to a full reroof

Depending on the condition of the existing roof, EverGuard® Fleece-back single-ply membranes can be mechanically attached or adhered with low-rise foam in recover applications as an alternative to a total tear-off and reroof. Either method postpones the need for a roof tear-off by up to 20 years, saving labor, reducing waste, and causing minimal disruption thanks to low odor and noise. Guarantees up to 20 years are available.\*

See how it's done.

Watch the video here:



## Signs of a Roof Recover Opportunity

- **There is only one roof present.** If the roof has already been recovered once, you will need to tear off both roofs and completely reroof.
- **The roof is structurally sound** with no significant moisture or deterioration issues.
- **Adding a solar reflective** TPO or PVC surface to a dark roof is desired to help mitigate energy consumption.†

## Why Recover with Fleece-back Membrane?

### Polyester fleece backing:

- **Provides separation** between existing modified bitumen or BUR cap layer and the new roofing membrane, preventing potential bleed-through and staining.
- **Requires less material** installation and handling by eliminating the need for a cover board or slip sheet.
- **Eliminates the need** for a cover board or slip sheet, reducing overall material installation and handling.
- **Offers increased puncture resistance** compared to standard membrane of the same type.‡
- **Is easy to apply** to a variety of substrates with spatter, bead, or full spray LRF.

\* For qualified systems only. Additional requirements apply. Contact GAF for more information.

† Energy savings are not guaranteed and the amount of savings may vary based on climate zone, utility rates, radiative properties of roofing products, insulation levels, HVAC equipment efficiency, and other factors.

‡ GAF warranties and guarantees do not provide coverage against hail or puncture except where additional puncture resistance coverage is purchased on eligible jobs. Refer to [gaf.com](http://gaf.com) for more information on warranty and guarantee coverage and restrictions.

## Evaluate:

- The roof for moisture, structural deterioration, and number of existing roofs, using core cuts (high spots, low spots, and one every 100 squares) or infrared.
- The roof slope and taper for water flow — minor ponding can be alleviated with drainage; major ponding may indicate the need for a full reroof and tapered insulation design.
- The roof surface for repairs, patches, and blisters that would impair the finished look of the membrane.
- The flashings, for blistering and pulling away from parapets or penetrations; repair or replace as necessary.

## Recover Steps — LRF<sup>§</sup>

- **Conduct a shovel test to evaluate adhesion:** Spray LRF on the surface to be recovered. Let cure for two hours. Scrape with a flat-blade shovel. If the bond holds (i.e., the roof surface breaks before the bond does), proceed with LRF. If the adhesive releases, consider mechanically attaching the membrane.
- **Attach the membrane** according to LRF installation instructions found at [gaf.com/everguard\\_adhered](http://gaf.com/everguard_adhered)

## Recover Steps — Mechanically attached<sup>§</sup>

- **Attach the membrane** with plates and fasteners according to installation instructions found at [gaf.com/repair](http://gaf.com/repair)

## Roof Substrate Compatibility<sup>\*\*</sup>

Products		Remove Existing Roof & Insulation	Material Requirements								Cost and Complexity				
			Insulation (based on new energy codes)	Cover board	Insulation Fastener & Plate	Separator Sheet	Membrane Fastener & Plate	Membrane Adhesive	Membrane	Accessories	Material Ordering	Roof Loading	Disposal Cost	Material Cost	Labor Cost
Tearoff and Replace	EnergyGuard™ Polyiso Insulation Mechanically Attached & EverGuard™ Smooth TPO or PVC	X	X		X		X		X	X	XXX	XXX	\$\$\$	\$\$\$	\$\$\$
Recover	EnergyGuard™ HD Polyiso Insulation EverGuard™ TPO or PVC Mechanically Attached & EverGuard™ TPO or PVC			X	X		X		X	X	XXX	XXX	\$\$\$	\$\$\$	\$\$\$
	Mechanically Attached Slip Sheet & EverGuard™ Smooth TPO or PVC					X	X		X	X	XX	XX	\$\$	\$\$	\$\$
	EverGuard™ TPO or PVC Fleece-back Membrane in LRF							X	X	X	XX	XX	\$\$	\$\$	\$\$
	Mechanically Attached EverGuard™ TPO or PVC Fleece-back Membrane						X		X	X	X	X	\$	\$	\$

§ Read full application instructions available at [gaf.com](http://gaf.com) before using or installing GAF products.

\*\* For complete substrate preparation and application instructions for GAF guarantee-eligible systems, please consult the applicable system installation and specification manual available at [gaf.com](http://gaf.com). Not all uses of this adhesive with these substrates will comply with applicable codes. For installations that comply with applicable codes, refer to agency listings.



For more information, visit [gaf.com/commercial](http://gaf.com/commercial)



Visit [gaf.com/fleeceback](https://gaf.com/fleeceback)

The following membranes are:



**MADE IN THE U.S.A.**  
WITH DOMESTIC AND IMPORTED MATERIALS.  
AMERICAN JOBS IN AMERICAN FACTORIES.

- EverGuard® TPO Smooth Membranes
- EverGuard® TPO Fleece-back Membranes
- EverGuard® TPO Extreme Smooth Membranes
- EverGuard® TPO Extreme Fleece-back Membranes

The following membranes are:



**ASSEMBLED IN THE U.S.A.**  
**AMERICAN JOBS**  
IN AMERICAN FACTORIES.

- EverGuard® PVC Smooth Membranes
- EverGuard® PVC Fleece-back Membranes
- EverGuard® PVC KEE Smooth Membranes
- EverGuard® PVC KEE Fleece-back Membranes

For additional information, contact GAF Design Services  
at **1-877-423-7663** or [designservices@gaf.com](mailto:designservices@gaf.com)