

Performance and Cost Benefits of Adhered FleeceBACK[®] Roof Recovery Systems

For many years, Carlisle's FleeceBACK adhered roofing systems have been used to recover existing roof systems. Recovery applications using adhered FleeceBACK systems provide a quick, non-intrusive, and economical option for owners seeking a new 15- or 20-year warranty for their roof. This recovery option consists of a FleeceBACK EPDM, TPO, PVC, or KEE HP membrane adhered with Flexible FAST[™] Adhesive or mechanically fastened to an acceptable roofing membrane. FleeceBACK recovery applications provide an ideal solution for aged single-ply, or existing modified asphalt systems when a tear-off is not required.

FEATURES AND BENEFITS

- » FleeceBACK systems' non-penetrating, quiet, low odor application makes them ideal for occupied buildings
- » Flexible FAST Adhesive is VOC- and HFC-free, providing an ideal solution for VOC and HFC regulated states
- » Flexible FAST Adhesive provides an additional R-value of 0.2 to 0.5 per layer when used in full coverage application
- » FleeceBACK membranes provide up to 50% greater puncture resistance when compared to standard single-ply membranes

- » FleeceBACK membranes provide increased hail protection when compared to standard single-ply membranes
- » FleeceBACK recovery application minimizes disposal, landfill, and material costs and increases jobsite productivity
- » FleeceBACK recovery applications eliminate the need for a coverboard, reducing the application process by 50%

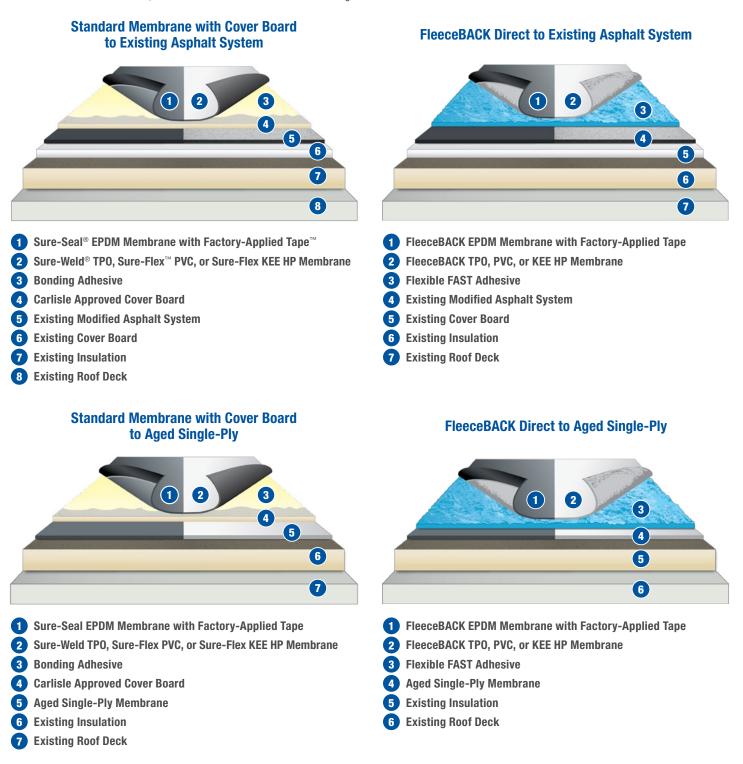
WARRANTY ENHANCEMENTS

Direct Recovery Warranty Comparison				
Warranty Coverage	FleeceBACK Membranes 115-mil FleeceBACK (EPDM, TPO, PVC, or KEE HP)	Standard Membranes 60-mil Membrane (EPDM, TPO, PVC, or KEE HP)		
Hail	2"	1" (Requires Adhered Cover Board Only)		
Accidental Puncture	16-hours	N/A		
Max Warranty Term	20-year	20-year		



TYPICAL RECOVERY APPLICATIONS

The drawings shown highlight two of the most common types of recoveries: Existing Asphalt Systems or Aged Single-Ply. One side shows the system build using FleeceBACK and Flexible FAST; the other shows Standard Membrane using a Cover Board.





RECOVERY CALCULATOR

The recovery calculator is a great tool when comparing single-ply recovery system options. Use the tool below to input your material costs and warranty coverage to determine the most suitable choice for your project.

*Required field

Project Specifications

Recovery Type (*Ex. Existing modified asphalt*)

Square Footage of Project* (Ex. 100,000)

Recovery Option 1: Traditional Recovery

Material Type	Product Name	Cost per Sq. Ft.*
Membrane Type (EPDM, TPO, PVC, or KEE HP)		
Adhesive Type (CAV-GRIP [®] III, CAV-GRIP PVC, or Bonding Adhesive)		
Cover Board Type		
Insulation Fastener Type		
Total Cost per Sq. Ft.		
Total Project Material Cost		

Recovery Option 2: FleeceBACK Recovery

Material Type	Product Name	Cost per Sq. Ft.*
Membrane Type (FleeceBACK Membrane)		
Adhesive Type (Flexible FAST Adhesive)		
Total Cost per Sq. Ft.		
Total Project Material Cost		

Estimated Material Savings

(per square foot)

Estimated Project Material Savings