



G U I D E - S P E C

Re-Roofing Existing Modified Asphalt System With FleeceBACK™ Adhered Roofing System

January 2023

This **GUIDE-SPEC** describes Re-Roofing Existing Modified Asphalt System with a FleeceBACK Adhered Roofing System and is intended for use as a submittal with a bid package. For specific installation instructions, Specifiers and the Carlisle Authorized Roofing Applicator must comply with the applicable Sections of Carlisle's Technical Manual.

PART I GENERAL

1.01 DESCRIPTION

This **Existing Modified Asphalt System Re-Roofing Option** incorporates a FleeceBACK membrane (Sure-Seal (black) or Sure-White non-reinforced EPDM, Sure-Weld (white, gray, tan or Special Color TPO) reinforced TPO or Sure-Flex PVC (white, gray or tan) laminated to non-woven polyester fleece-backing. The membrane is adhered to an acceptable, aged Existing Modified Asphalt System with Flexible FAST Adhesive applied in extrusions or full spray.

Adjoining sheets of EPDM FleeceBACK membrane are spliced together using 3" or 6" wide factory-applied SecurTAPE™ in conjunction with Primer. Sheets of Sure-Weld and Sure-Flex FleeceBACK membrane are joined together with a minimum 1-1/2" wide hot air weld.

1.02 QUALITY ASSURANCE

- A. This roofing system must be installed by a Carlisle Authorized Roofing Applicator in compliance with drawings and specifications as approved by Carlisle SynTec.
- B. Upon request, an inspection shall be conducted by a Field Service Representative of Carlisle to ascertain that the membrane roofing system has been installed according to Carlisle's published specifications and details applicable at the time of bid. This inspection is to determine whether a warranty shall be issued. It is not intended as a final inspection for the benefit of the owner.
- C. Existing code ratings (FM and UL) will remain the same as the existing roofing system. Consult with local FM or UL representative for further information.

1.03 SUBMITTALS

- A. Shop drawings must be submitted to Carlisle by the Carlisle Authorized Roofing Applicator along with a completely executed Notice of Award (Page 1 of Carlisle's Request for Warranty form) for approval. Approved shop drawings are required for inspection of the roof and on projects where on-site technical assistance is requested.

1.04 GENERAL DESIGN CONSIDERATIONS

- A. It is the responsibility of the building owner or his/her designated representative to verify structural load limitation. In addition, a core cut may be taken to verify the composition of the existing roofing system.
- B. The removal of existing wet insulation and membrane must be specified. The specifier shall select an appropriate and compatible material as a filler for voids created by removal of old insulation or membrane.
- C. On existing modified asphaltic roof where partial removal is specified to remove wet or damaged insulation, priming the structural deck, with a Carlisle primer, is required where residual asphalt is present to ensure adequate adhesion of the new insulation. In lieu of priming and the use of insulation adhesion, insulation used to fill voids or to replace wet sections may be mechanically fastened.

