

MARKETING ANNOUNCEMENT

Authorized Applicator



ID-2020-06

Detec Systems Electronic Leak Detection Collaboration – FM Approvals

April 16, 2020

To: Carlisle SynTec Systems' Authorized Applicators

Carlisle SynTec Systems has collaborated with Detec Systems to offer the single-ply industry's first and only Factory Mutual (FM) rated roof assemblies that include Detec's TruGround® Conductive Primer, the conductive medium needed for effective Electronic Leak Detection (ELD).

ELD has become the method of choice for ensuring a watertight membrane system that is free of breaches, holes, or seam voids. Detec Systems' patented TruGround Conductive Primer is liquid-applied, making application quick and easy and allowing it to be used with bareback membranes, including black EPDM.

Carlisle has conducted testing with FM and Underwriters Laboratories (UL) to ensure that the performance of a select few of its roof assemblies were unaffected by the addition of the conductive medium, and therefore insurable by FM. The following Carlisle systems are both FM and UL approved and warrantable through Carlisle:

Membrane Type	Adhesive	Substrates
EPDM	CAV-GRIP® III	Carlisle SecurShield® Polyiso Carlisle SecurShield HD Polyiso Carlisle SecurShield HD Plus Polyiso DensDeck® Prime SECUROCK®
TPO	CAV-GRIP III	Carlisle SecurShield Polyiso Carlisle SecurShield HD Polyiso Carlisle SecurShield HD Plus Polyiso DensDeck Prime SECUROCK
PVC	Low-VOC PVC Bonding Adhesive	Carlisle InsulBase Polyiso Carlisle SecurShield Polyiso Carlisle SecurShield HD Polyiso Carlisle SecurShield HD Plus Polyiso

For FM-insured projects requiring leak detection—specifically those using black EPDM—these approvals give Carlisle a competitive advantage. More FM testing may take place in the future if there is a demand. Additional internal testing for warranty compliance is currently being conducted, and results will be shared with you once it is complete.

For pricing on Detec's TruGround Conductive Primer and testing services, please contact your manufacturer's representative.

For more information on Detec Systems TruGround Electronic Leak Detection system, and to learn more about the Carlisle/Detec collaboration, you can view an informational sheet on the website.

If you have any questions, or for additional information, please contact your manufacturer's representative.

Regards,

A handwritten signature in black ink, appearing to read 'Chris Kann', with a stylized flourish at the end.

Chris Kann
Associate Product Manager – Roof Gardens and Building Envelope