

MARKETING ANNOUNCEMENT

Authorized Applicator



FM Approval of Detec System's IntegriScan™ Electronic Leak Detection Testing Equipment June 7th, 2022

To: Carlisle SynTec Systems' Authorized Applicators

Detec Systems, the industry leader in electronic leak detection and the creator of TruGround® Conductive Primer, has recently received Factory Mutual (FM) Approval for their quality control IntegriScan Electronic Leak Detection (ELD) testing equipment under FM's new leak detection product classification.

Detec's IntegriScan is the first and only FM Approved listing for Manual Scanning Roof Leak Detection equipment.

What this means:

Detec's IntegriScan is the only ELD testing method that can be used on FM-insured buildings.

What this means for Carlisle:

When Detec's IntegriScan is specified for a conventional roofing assembly (i.e., insulation below the membrane), Detec's TruGround must be used to provide the conductive substrate required for valid ELD testing. Carlisle Construction Materials (CCM) is the only manufacturer that has FM Approved roofing assemblies that include TruGround Conductive Primer (see the ELD Spec Supplement or Detec ELD Sell Sheet for approved assemblies).

Add it all up and this news means that if a building is FM-insured and specified with a conventional roof assembly requiring ELD testing, a CCM FM Approved TruGround assembly must be used, and ELD testing must be performed using Detec's IntegriScan equipment.

This is yet another competitive advantage for CCM in the ELD market - essentially securing all FM-insured, ELD-specified single-ply roofing systems for the foreseeable future.

Additional information regarding ELD:

ELD is a quality control test used to scan the roof membrane which will pinpoint any breaches, holes, or seam voids during testing. One of the basic requirements of all ELD testing is that a conductive substrate must be directly below the membrane. Detec's IntegriScan ELD testing uses TruGround, applied during the roof installation, to provide the conductive substrate needed for valid testing of conventional roofing assemblies. With TruGround under the membrane, ELD testing cannot only be performed immediately

following the roof installation to identify leaks, but also at any time during the life of the roof. Any leaks can be quickly located and repaired before extensive damage occurs.

Detec's TruGround Conductive Primer is stocked and sold by Carlisle. When purchased from Carlisle and installed in an approved roof assembly, it will be included in the Carlisle Total System Warranty.

Detec's IntegriScan is a low-voltage testing method that is capable of testing both non-conductive and semi-conductive membranes – including black EPDM – and is listed in ASTM Guide D7877 and explained in detail in ASTM Practice D8231.

[Click here](#) for more information on Carlisle's FM Approved TruGround roofing assemblies.

[Click here](#) for Carlisle's TruGround Conductive Primer Product Data Sheet.

If you have any additional questions, please contact your local Carlisle Manufacturer's Representative.

Sincerely,

A handwritten signature in black ink, appearing to read 'Christopher Kann', with a stylized, cursive script.

Christopher Kann