

IntegriScan™ Electronic Leak Detection



Detec
systems

IntegriScan™

Pinpoints Breaches

Need a Quote?

Call us today!

855-753-3832

or visit

www.detecsystems.com

Ensures Peace of Mind Knowing the Membrane is Watertight

Detec's **IntegriScan** is the most accurate electronic testing method available. This advanced, low voltage test ensures 100% of the membrane is free of breaches, holes, and seam voids.

The **IntegriScan's** unique technology facilitates a reliable test compared to vector mapping and archaic flood testing. The **IntegriScan** equipment eliminates the need for a perimeter wire by limiting the testing area to directly below the **Scanning Platform**. Detec's **Vertical Scanning Unit (VSU)** tests vertical surfaces, rebar flashings, and hard to reach areas.

The **IntegriScan** is the **ONLY** method available for testing black EPDM and other semi-conductive membranes. Additionally, **TruGround Conductive Primer** enables electronic testing on conventional assemblies with non-conductive substrates such as wood, insulation, and coverboard.

Benefits of IntegriScan Quality Control Testing

- **Verifies** the integrity of roofing or waterproofing assemblies.
- **Pinpoints breaches, holes, and seam voids** after membrane installation so repairs can be made immediately—ensuring minimal impact to the construction schedule.
- **Quick, efficient, and reliable.** The **IntegriScan** scanning platform can test up to **40,000 ft²** in a day.
- **Ensures 100% coverage.** Tests horizontal surfaces, vertical surfaces, details, and penetrations.

TruGround® Conductive Primer

TruGround enables reliable membrane integrity testing for conventional roof assemblies. **TruGround** is applied to the non-conductive substrate directly under the membrane.

- > Enables electronic testing of exposed conventional assemblies for the life of the building
- > Compatible with low and high voltage ELD testing methods
- > Complies with ASTM D8231 & D7877
- > Facilitates testing of black EPDM
- > Suitable for fully adhered, mechanically attached, fluid applied, and torch-down membranes
- > Easily applied to transitions and details
- > Typically dries in under 30 minutes
- > No risk of membrane punctures or corrosion and is approved by membrane manufacturers
- > Can be applied to any substrate



US Pat No. 9244030 CAN Pat No. 2818121



Why The IntegriScan Is The Best

Other testing methods are often inconclusive for many roofing and waterproofing systems. The advanced technology behind the IntegriScan goes further. Detec's IntegriScan exclusively meets both ASTM Standard Guide D7877 and Standard Practice D8231.



	Flood Testing	Vector Mapping	High Voltage Testing	<i>IntegriScan</i>
Tests Inverted Assemblies	✓	✓	✓	✓
Tests Conventional Assemblies	✗ ¹	✓ [*]	✓ [*]	✓ [*]
Pinpoints Breaches	✗ ²	✓	✓	✓
100% Coverage	✗ ³	✗	✓	✓
Time Efficient	✗ ⁴	✗ ¹	✓	✓
Reliably Tests Verticals	✗	✗	✓	✓
Tests in Wet Conditions	✓	✓	✗	✓
Tests Black EPDM	✗	✗ ²	✗ ¹	✓ [*]
Detects Seam Voids	✗	✓	✗	✓



¹ Flood Testing of Conventional Assemblies is not Recommended due to Structural Stress

² Unable to Reliably Identify Location of Leak

³ Testing Takes Days

⁴ Unable to Test Vertical Surfaces

¹ Lengthy Setup Process

² Unable to Test Black EPDM or Semi-Conductive Waterproofing

^{*} With an Installed Conductive Medium such as **TruGround**[®] Conductive Primer

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^{*} With an Installed Conductive Medium such as **TruGround**[®] Conductive Primer



There are Many Membrane Types. There's One Choice for Quality Assurance.

Projects of all scale and scope throughout the world have specified Detec to ensure peace of mind and long service life for their membrane assemblies.

Past Projects

INSTITUTIONAL



University of Washington
Seattle

ARCHIVAL/DATA STORAGE



Facebook
Prineville

GREEN/VEGETATED



Museum of Westward Expansion
St. Louis

PLAZA DECKS/PARCADES



Michigan State Capitol
Lansing

MUSEUMS



Royal Alberta Museum
Edmonton

COMMERCIAL/RETAIL



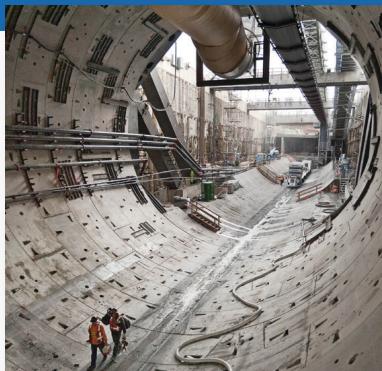
Nordstrom Tower
New York

EVENT FACILITIES



Wrigley Field
Chicago

BELOW GRADE WATERPROOFING



SR99 Tunnel
Seattle

RESERVOIRS



Beacon Hill Reservoir
Seattle



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