

WHAT TYPE OF LEAK DETECTION IS RIGHT FOR ME?

What asset does the roof cover?

Low Value - Low Risk

Carpark, Market rentals, Small deck spaces, Commercial office space

Medium Value - Risk

Hotel suites, long term care, elec/mech rooms, water feature, swimming pool, Small deck spaces, Commercial office space.

PROTECTED VS CONVENTIONAL

- CONVENTIONAL

PROTECTED -

DigiScan 360 🔆

Point in time integrity scan

- Quality assurance scan of the membrane
- Valid at point-in-time of the scan
- Detects leaks/deficiencies prior to covering, giving you peace of mind that the waterproof membrane was installed to specification and requirements.
- No system left in place

FutureCast &

Passive Leak Detection

- Embedded sensors for future inspection without removing the overburden
- Use for proactive maintenace or to find an active leak
- Can be upgraded to FutureCast Active

High Value - High Risk

Green roofs, Critical medical equipment, R&D facilities, Data Centres, Artifact storage, Muesems, Art Galleries, etc.

FutureCast :

Active Leak Detection

- Embedded sensors
- Actively monitors roof integrity in real time, uploading reports to the cloud.
- Locate leaks in an inverted system, moisture in conventional system
- Compatible with Building Management

- Has the membrane been used as a work surface or staging area?
- Have forming nails been used on top side of the membrane area?
- Are there any overhead works? Welding, blockwork, boom lifts etc.
- Is there significant (> 6") overburden or inaccessible membrane? etc.

YES

Exposed membrane, or under unit pavers on pedestals

NO

Green roof, Planters, Concrete or permanent overburden installed area?

Can the membrane be inspected in future?

Want to know more? Contact SMT today!

smtresearch.ca (778) 373-2070



What is the status of the roof system?