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 or green roof.
- High Value - High Risk: Critial medical equipment, R&D facilities Data centres, Artifact storage, Muesems, Art Galleries, etc.

Protected or conventional roof?

- PROTECTED
- CONVENTIONAL

Digiscan

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

Passive Leak Detection

- Embedded sensors for future inspection without removing the overburden.
- Use for proactive maintenace or to find an active leak.
- Commonly installed as a 10x10 grid with DigiStars
- Can be upgraded to FutureCast Active

FutureCast ACTIVE

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 Systems.

What is the status of the roof system?

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

Can the membrane be inspected in future?

- YES: Exposed membrane, or under unit pavers on pedestals
- NO: Green roof, Planters, Concrete or permanent overburden installed

Want to know more? Contact SMT today!

smtresearch.ca

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