



## THE RIGHT SYSTEM OF LEAK DETECTION

Progeo's Smartex® systems and leak detection methods work for all types of roofing membranes and all types of construction. Whether your application requires 24/7 monitoring with computer generated status reports or you have a one-time problem that requires quick evaluation and diagnosis, there is Smartex® system to fit your application.

SMARTEX® SYSTEMS	TYPE OF MONITORING		LEAK LOCATION		TYPE OF WATERPROOFING			TYPE OF BALLAST		
	Permanent (Always On)	Intermittent Testing	Automatic	Manual Diagnostic	Bituminous	Single-Ply	Coating	Exposed Membrane	Green Roof or Gravel	IRMA/PRMA Pavers or Paved
<b>NEW CONSTRUCTION &amp; REROOFING AND WATERPROOFING</b>										
<b>MX</b>	✓		✓			✓		✓	✓	✓
<b>IS</b>	✓		✓		✓	✓		✓	✓	✓
<b>LP</b>		✓		✓	✓	✓	✓	✓		
<b>VM</b>		✓		✓	✓	✓	✓	✓	✓	✓
<b>EXISTING CONSTRUCTION</b>										
<b>LP</b>		✓		✓	✓	✓	✓	✓		
<b>VM</b>		✓		✓	✓	✓	✓	✓	✓	✓

## Ease of Installation

Progeo Monitoring will train and certify your roofing contractor to properly install Smartex® components. Generally, Smartex® is installed by the roofing contractor concurrent with the installation of the roofing and waterproofing membrane. Depending on the Smartex® application selected, two trained installers can usually lay about 1000 ft² per hour. Since Smartex® systems are designed to be completely automatic or tested on an as-needed bases, they require no day-to-day supervision. System Maintenance Service Agreements are available.

With Smartex®, the new building owner can qualify roofing and waterproofing installations before acceptance. Owners of new and existing structures can be confident that they are protected from the severe damage that can happen when leaks go undetected for even a short period of time.



Quality - made in Germany

Smartex® leak detection components are manufactured according to ISO 9001 and the DQS certified management system



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We Provide Confidence

## SMARTEX® LEAK PROTECTION

Roofing and waterproofing systems have changed to address the new ways in which buildings are being used. With the advent of the "green roof", flat and sloped roofs now offer many possibilities for use besides simply waterproofing the building envelope. Solar panel arrays, walkways, traffic areas and plaza decks are becoming more popular and offer the advantage of being economical, ecological, and visually pleasing.

These roofs new uses make it imperative that any damage to the waterproofing membrane be easily detected and quickly repaired. In addition, solar arrays and green roofs make qualifying new construction more important than ever. Finding and repairing leaks in these types of structures can be especially costly.

## Leak Location Systems for all types of roofing

SMARTEX® leak detection systems are available for new and existing construction. Modern architecture and buildings require the latest built-in information systems to protect the investment in the building infrastructure and its contents. SMARTEX® leak detection systems for existing structures work equally well with all types of roofing and waterproofing systems, whether they are single-ply, adhered, or hot and cold bituminous.



*The HRSD VIP Plant Green Roof with Smartex® IS installed under the bituminous membrane will be lush and green in the spring.*



Hampton Roads Sanitation District - VIP Plant, Norfolk, VA

*SMARTEX® Leak Detection Systems make it easier than ever to monitor roof membrane integrity and pinpoint any damage and leaks that occur during construction or during regular use.*



## The Smartex® Advantage

- Suitable for all types of roofing
- Can be permanently installed
- Monitors roofing membrane 24 hours a day, 7 days a week
- Allows for inspection on an on-demand basis
- Minimizes the risk of damage to building and contents
- Reduces the cost of repair