

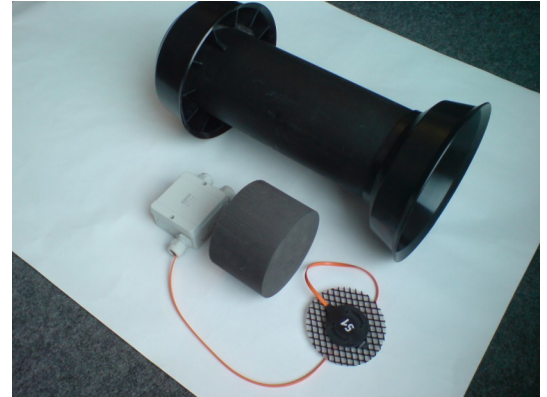
SMARTEX[®] VT

Permanent, Automated Electronic Leak Detection System

Leak Detection for Insulated Roofing In New or Existing Construction

Smartex[®] VT detects dangerous levels of moisture in the roofing envelope and provides immediate notification to avoid costly damage due to leaks.

When roofing integrity and investment protection is imperative, Smartex[®] VT is the right choice for automated monitoring 24/7. The computer system can be integrated with other building monitoring equipment.



Smartex[®] VT At a Glance

- Early warning and immediate notification of moisture build up inside the building envelope
- Ideal for retrofitting an electronic leak detection system into existing roofs
- Provides 24/7 automated monitoring
- Remediation can be immediate, eliminating the possibility of long



How Smartex[®] VT Works

Sensors measure the combination of water vapor and temperature in the roofing envelope automatically transmitting this data to the system computer for analysis. If the roofing envelope experiences any water intrusion from whatever source (vapor barrier, leaks, flashings or walls), Smartex VT will detect the increase in relative vapor pressure and will immediately trigger an alarm when unacceptable levels of water vapor are reached.

Depending on the quantity and configuration of the VT sensors, the system can determine the area where leakage is occurring. Notification is sent to the designated building engineer. The computer generates status reports continuously describing the condition of the roofing envelope.

