

# Roof & Building Leak Detection & Prevention

## GUIDANCE & INFORMATION NOTE NO. 4

### Retail: Stock Damage Stopped by Leak Investigations



Clarks & UCS at Westfield White City were experiencing serious stock damage and closure of floor space as a direct result of persistent leaks.

Earnest attempts, over several months, by the Maintenance Team and their Term Roofing Contractor failed to resolve the problem.

A leak investigation testing regime, comprising of electronic leak testing pinpointed the causes of leaks allowing targeted effective repairs to be promptly undertaken and the Clinic to re-open unaffected by further inclement weather.

The Investigations identified that:

- On the wall between the gantry and brown roofs the top-hat flashing on the wall weatherproofing an expansion joint in the architectural wall panels was leaking.



Water testing of the architectural wall panels



Water leaking into stockroom below

The causes can be identified and the leaks resolved by undertaking methodical and comprehensive leak investigations. Using a combination of carefully selected techniques we can identify their causes allowing effective repairs to STOP the leak. Irrespective of whether the leaks are through the waterproof covering, rainwater services cladding, glazing etc. we can quickly find them saving you thousands of pounds in closure costs, downtime and damages.

If you have any problem leaks then call ERC to discuss how we can assist you in **STOPPING** them.



#### ERC offer a range of services, including

- Electronic Integrity/Leak Testing.
- Building Envelope Leak Investigations.
- Thermal Imaging.
- Roof & Floor Dewatering.
- Expert Witness.
- Roof Surveys.

**i** ERC is an independent specialist Roofing Consultancy and Testing Services Company. ERC work predominantly throughout the UK\* providing specialist specific and/or combination testing regimes to quickly and accurately determine the causes of leaks through any part of the building façade and to identify areas of retained/entrapped water within the construction to main and roofing contractors, building owners and developers in both the commercial and domestic markets.

*\*for inquiries about procuring our services outside the UK please contact head office.*

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