

Roof & Building Leak Detection & Prevention

GUIDANCE & INFORMATION NOTE NO. 6

HOSPITALS: CLINIC CLOSURES STOPPED BY LEAK INVESTIGATIONS



St Georges NHS Trust were experiencing serious disruption and closure of a Clinic as a direct result of persistent roof 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 and simulated rainfall 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:

- Some rainwater was penetrating through three small breaches in the single-ply roof waterproofing and percolating down through the construction and manifesting at the leak site below forcing the shutdown of a scanning machine.
- Wind driven rain was penetrating through the wall cladding and tracking down through the construction and manifesting in the consulting room.



One of the small tears found on the roof

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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