

Roof & Building Leak Detection & Prevention

GUIDANCE & INFORMATION NOTE NO. 5

Building Leaks

The **RNLI at Poole** were experiencing persistent, irritating and disruptive roof leaks.

Earnest attempts, over many months, by the Maintenance Team failed to resolve the problems.

A leak investigation testing regime, comprising of electronic leak testing and simulated rainfall testing pinpointed the causes of leaks allowing the maintenance team to identify exactly what repairs are needed to **STOP** the leaks.

The Investigations identified that:

- Some rainwater was penetrating through small breaches in the single-ply roof waterproofing and percolating down through the construction and manifesting at the leak site below.
- Missing and loose wall cladding fixings are allowing rainwater to penetrate into the walls and percolate down through the construction and manifest at the leak site below.



Some of the many missing fixings where water penetration occurs



Small breaches 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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