

Rothounds® the ultimate non-destructive detectors

H+R offer clients sustainable solutions that do not rely on damaging interventions or chemical treatments. By avoiding unnecessary or ineffective work, we ensure time and money are saved. Our surveys provide the detailed information and practical recommendations clients need for cost-effective remedial or refurbishment works.

+ Rothounds® and non-destructive surveys

Rothounds® are one of the range of non-destructive techniques used by H+R to investigate building problems.

Rothounds® are specialist search dogs trained to help find active dry rot (*Serpula lacrymans*) in buildings. Rothounds® sniff the air for the living fungus, tracking down outbreaks still invisible to the human eye, hidden behind panels, plasterwork or floorboards.

Rothounds® provide the ultimate in non-destructive detection techniques. No damaging or expensive exposure work is required. Searches may be carried out in furnished or inhabited buildings.

+ Rothounds® and preliminary timber decay survey

There are many advantages to using Rothounds®. The dogs can:

- work in places not easily accessible to human surveyors such as roof spaces, building voids and cellars
- cover large areas quickly and efficiently, searching more than 20 rooms in an hour
- discriminate between living dry rot and other fungi instantly
- indicate the extent of an infestation



Rothounds®

As Rothounds® can detect outbreaks before they are found by conventional means, it is often possible to retain original timbers, their structural integrity having not yet been compromised. This can result in considerable saving in costs.

Rothounds® can be used to survey properties:

- prior to purchase
- with known or suspected dry rot to determine the extent of the problem
- after remedial work to make sure nothing has been missed

Rothounds® are available as a service to building owners and property managers, surveyors, architects, developers and contractors.



+ Detailed investigation and advice

Rothounds® are only one stage in the restoration of a dry rot infected building.

H+R can investigate suspect areas identified by Rothounds® in greater detail by using other non-destructive techniques. For example, the company employs high-power fibre optic instruments and CCTV to inspect concealed cavities, and specialist electronic instruments to plot the distribution of moisture.

H+R will provide a report detailing all areas of active dry rot in the building, including advice on what is causing the problem and recommendations for remedial works for the control of decay and infestation.



H+R are an independent team of building professionals and material scientists. We specialise in investigating problems in buildings, building materials and building occupancy. We are the market leaders in Building Pathology and in heritage conservation. In particular, H+R work with problems involving damp and decay, affecting organic and inorganic materials, and the health of occupants.

We can work with you to preserve original materials and methods of construction where these have architectural or historical significance.

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