



Did you know it can take as little as four weeks for mould to grow to a damaging extent? It's so important to recognise the conditions that cause mould growth and know how to prevent it.

### Protecting Your Property

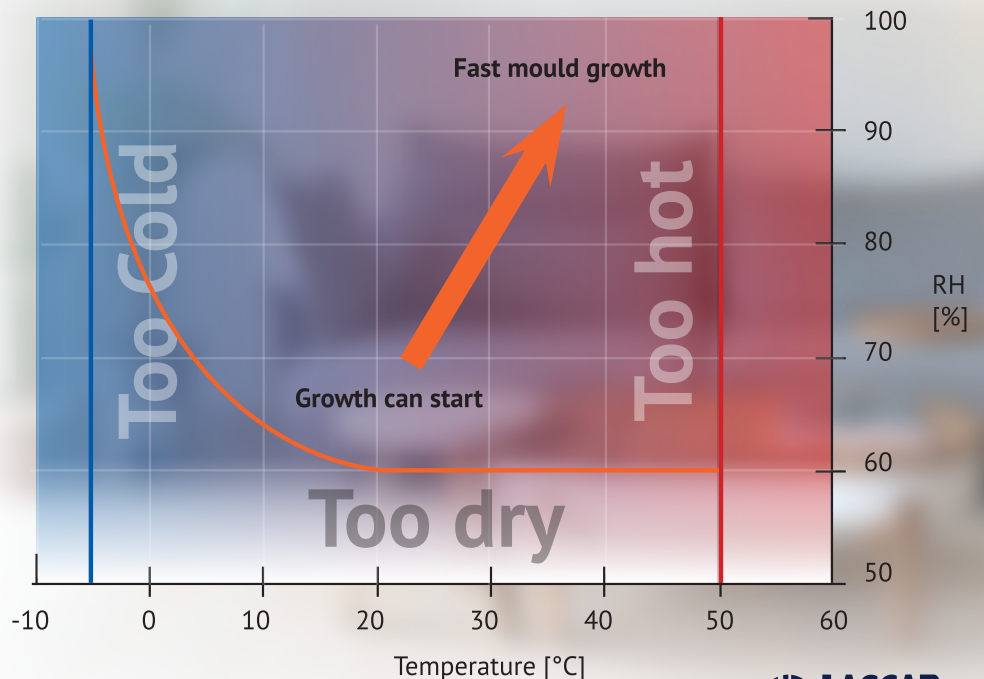
To prevent damage it's imperative that the conditions inside are closely monitored, especially during colder months. Mould can quickly grow and spoil furnishings, while also causing structural damage to buildings, weakening walls, and even damaging brickwork and concrete.

Even more importantly, mould can cause serious health problems for people in affected areas. It can aggravate asthma and other respiratory ailments, causing coughing, rashes and eye complaints.

**i** As long as there's moisture in the air or dampness on a surface, mould can grow on paints, insulation, cardboard, clothing and wallpaper – to name a few places.

### Mould requires 4 things to grow: nutrients, moisture, an acceptable temperate range and time.

Mould feeds and grows by breaking down and absorbing organic compounds, this growth generally occurs when the relative humidity is greater than 65% and the temperature is between 0 and 50°C. Airtight buildings or rooms with poor ventilation often experience the highest rates of mould, with stale air providing added stimulus for mould growth to occur.



**i** Did You Know? there are over 10,000 species of mould?

## Mould and mildew can quickly grow anywhere you find moisture

Protect your properties by looking out for, and eliminating these key causes of mould:

- Excessive moisture – sudden spikes in moisture can trigger mould
- Unventilated rooms - stagnant air or trapped moisture create ideal conditions for mould growth
- Unheated rooms – cold air can increase the amount of condensation, and very cold rooms are more likely to get damp and mould as a result
- Poor insulation – warm buildings suffer less from condensation
- Leaking water pipes – it's possible that mould can be growing on hidden surfaces
- Dust and dirt – mould uses this and other organic materials from surfaces as a food source

## Tips for eliminating damp

Damp can be really hard to deal with especially in the winter months but they must be dealt with quickly to stop the issues getting worse.

- Measure indoor humidity: keep it below 50%
- Monitor the indoor temperature: don't let it fall below 14°C
- Increase air movement: good ventilation is one of the easiest ways to prevent excessive moisture build up and damp. Leave windows and doors open to allow air to circulate between rooms.
- Make sure surface water runs away from the house
- Keep bathroom and kitchen exhaust systems clean

## EasyLog Data Loggers

The EasyLog range of data loggers makes it easy to monitor and manage your property. Some models provide data 24/7 to your computer or phone, with email or text alerts if mould-growth conditions occur.

To order your loggers call us on **01794 884 567** or visit [lascarelectronics.com](http://lascarelectronics.com). Please also call us for technical help or to learn more about our other monitoring products.

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