

Case Study: Mould in a Modern Home — A Surprising Discovery in a New-Build Property

Client: Detached Home, Cambridgeshire

Subject: Family of four in a home built less than 2 years ago

Service: Cirro-Pure Mould Detection, Analysis & Eradication System

Background

A family of four moved into their newly built home in Cambridgeshire with the expectation of a fresh, problem-free living space. The property was part of a new development, fitted with modern insulation, ventilation, and glazing systems. For the first year, the house felt ideal—comfortable, energy-efficient, and pristine.

Over time, however, the family began to notice an intermittent, musty smell in the upstairs bedrooms and utility area. Windows regularly collected condensation despite daily ventilation, and clothes stored in certain wardrobes began to develop a faint damp scent. Concerned that something invisible might be affecting the indoor air, they contacted Cirro-Pure for a professional assessment.

Assessment – Cirro-Pure Mould Detection

A Cirro-Pure-certified technician conducted a full environmental analysis using the **Cirro-Pure Mould Detection** system. This included:

- Air testing for microbial volatile organic compounds (mVOCs)
- Surface sampling to measure spore presence in hidden or high-humidity areas
- Visual inspection of ventilation flow, construction joins, and cavity points

Findings:

Despite the home's new condition, testing revealed elevated airborne mould indicators in multiple areas, including the utility room, two upstairs wardrobes, and beneath window sills. High airtightness, limited airflow, and moisture accumulation during the build process were contributing to internal condensation and microbial activity—issues often overlooked in modern construction.

Treatment – Full-Property Atmospheric Reset

Cirro-Pure developed a full treatment protocol using a combination of our certified systems:

- The **Cirro-Pure Mould Eradication System** was deployed using our patented **Clouding™** technology, ensuring uniform distribution through all habitable spaces and voids
- A **Cirro-Pure Air Extraction System** was installed in the utility and landing areas to prevent future humidity build-up
- All work was completed in one day, and the family remained in the property with minimal disruption

A certified before-and-after report was provided, confirming that mould activity had been fully neutralised and indoor air quality restored to healthy levels.

Family Testimony

"We were really shocked. You assume a new house won't have issues like this, but Cirro-Pure explained how construction moisture and modern airtightness can actually trap problems in. Their team was incredibly professional and respectful of our space. The smell is gone, and the house finally feels 'new' again."

— Homeowner

Outcome

This case demonstrates that even newly built homes are not immune to hidden mould issues—especially when moisture becomes trapped in tightly sealed, poorly ventilated spaces.

Thanks to Cirro-Pure's advanced detection and eradication process, the family now has a fresh, scientifically verified living environment that matches the expectations of their modern home.