

Moisture De-risking CLT

Pre-construction Services

CLT Moisture-risk Workshop

A one-day session for developers

- Improve developer knowledge and understanding of CLT moisture risks
- Provide developers with confidence that robust moisture de-risking will be achieved for the project
- Learn how to demonstrate to insurance providers that project-specific moisture risks have been sufficiently considered for the project.
- Understand moisture risks for CLT.
- Designing out moisture risks.
- Higher v lower risk designs, details and zones.
- Contractor capability for construction phase moisture management & monitoring.
- Moisture monitoring – Recognise key data for developers and insurance providers.
- Moisture management documentation – Benefits and requirement of robust recording and reporting.
- Long-term monitoring strategies.

To achieve a long service life for a CLT project it is important to consider moisture risks early on. Most moisture risks for CLT buildings or structures are avoidable or can be mitigated, especially if they are considered from the outset.

Project designs and moisture planning greatly influence the exposure risk during both the construction and operational phases of any CLT project.

Understanding and mitigating the risks helps avoid delays for drying works during construction and reduces the risk of structurally significant damage to CLT from moisture exposure in-service.

Early consideration of moisture risks is beneficial to developers seeking insurance for a CLT project. It is viewed favourably by insurance providers so evidence of robust moisture risk mitigation for all phases of a project is likely be of value for asset insurance purposes.

For further information contact: enquiries@tiasuk.co.uk

CLT Project Inspection and Consultancy Services

To determine whether a moisture risk is present in CLT requires specialist equipment and monitoring techniques. TIAS experts are among the most experienced specialists in the UK.

TIAS offer site moisture surveys using industry-leading best practise moisture monitoring methods targeted precisely to the highest risk zones.

Independent Review of Moisture Monitoring Reports

- Quality assurance review of supplier and contractor key stage moisture monitoring reports.
- Construction phase moisture-data risk analysis.
- Expert evaluation of service-life moisture monitoring strategies and procedures.

Independent Site Moisture Testing & Expert Moisture Damage Analysis

- Independent expert site-moisture survey.
- Key stage independent site-moisture testing.
- Moisture damage surveys and reports.
- Specialist evaluation of extent of wetting or fungal decay.
- Determine remedial work requirements.

CLT Consultancy Services

- Project moisture management plan review
- In-service moisture monitoring strategy planning

TIAS(UK) are independent timber experts. We provide timber inspection and analysis services, timber-related training, moisture risk analysis, timber building defect diagnosis, timber building consultancy and timber expert witness services.

The team consists of knowledgeable and highly experienced timber consultants with over forty years of experience within the former TRADA Technology & and BMTRADA Timber Consultancy. These TRADA-trained industry professionals have a depth of timber-related knowledge, experience and expertise in site investigations & laboratory analyses that is unsurpassed in UK Timber Consultancy today.

TIAS experts have many years of experience of providing high-quality advice on timber-related issues. Clients include architects, engineers, contractors, developers, conservation bodies, local and national authorities. Our specialists have carried out many thousands of independent site moisture and decay tests on CLT sites throughout the UK during the construction phase or in-service.

