

Module 23

Advanced drying techniques

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Speed drying and advanced techniques

This module moves away from the traditional methods of drying and looks at the unconventional methods specifically designed for the building designs of Europe.

Training historically available in the UK for water damage restoration revolves around techniques initially developed by American manufacturers of dehumidifiers and air movers and usually works against the laws of thermal and hydrodynamics.

The use of dehumidifiers requires water to be pulled from the building substrate in to the machines where the process water is removed, this movement is contrary to the laws of physics and this course shows how to maximise the drying potential for the fastest possible result.

This course is only available to those that have undertaken course module 22

Overview of the course

- Limitations of dehumidifiers
- Increasing evaporation
- Alternatives to dehumidifiers
- Open drying techniques
- Closed drying operations
- Chemical drying techniques
- Barrier drying
- Advanced Psychometrics
- Measurement and controls
- Equilibrium issues
- Drying goals