

# PCA Case Study

## Flood Remediation

### THE PROJECT

Reinstatement of a terraced property in Ottery St Mary after flooding, using cavity drain membrane, allowing the owner to move back in many months earlier than expected.

### THE CHALLENGE

During a freak storm, a culvert running behind the seven-year-old property blocked with hailstones. The four inches of rain that fell afterwards quickly flooded the development, severely affecting several properties.

Although the floodwater quickly receded, the entire ground floor of the timber-framed property was left covered in thick mud. The elderly occupant needed to move back in as soon as possible, but it would take months for the property to be dried out completely using conventional methods.

### THE SOLUTION

Walls were stripped up to a metre high and all surfaces power-washed and sanitised, and a dehumidifier left in place for three weeks.

During week four a cavity drain membrane was fitted, the studded profile of which would allow the concrete block and beam floor to continue to dry out after installation. Floor and walls were then reinstated and fixtures and furniture replaced.

### THE RESULT

The occupant was able to move back into the property after just seven weeks, whereas neighbouring properties were drying out for several months before work could begin on reinstatement. The insurance company agreed to the extra cost of the system, as it was not excessive and allowed the property owner to move back in so quickly.



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The Property Care Association (PCA) is a trade association that represents professional specialist contractors, consultants, surveyors and manufacturers in the field of structural waterproofing, wood preservation, damp-proofing, flood remediation and structural maintenance. Its members preserve and protect buildings across the UK.

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