



## Retrofit internal insulation to a listed property - 'Private house, Bath'

Build company name: **Mike Mower**

Project location: **Bath, Somerset**

Project completion date: **2019**

### Project brief

A Grade II listed Georgian townhouse in Bath has undergone a major energy efficiency upgrade using Spacetherm® Multi insulation from the A. Proctor Group.

The property, built in 1818 and owned by the same family since 1919, had significant heat loss due to its single-skin 6" Bath stone walls. Owner Mike Mower sought planning permission to insulate the top floor, as the original lime render and skim required a breathable solution.

Traditional insulation would have reduced floor space by 100mm, forcing costly alterations to doors and windows. Instead, Spacetherm Multi, with an overall thickness of just 20mm when rendered, was approved by both the conservation officer and building control.

Spacetherm Multi combines aerogel insulation with a 6mm Magnesium Oxide board, providing high thermal performance while preserving historic features. Typical solid walls with a U-value of 2.1 W/m<sup>2</sup>K can be reduced to around 0.8 W/m<sup>2</sup>K after installation.

Mike Mower noted, "Spacetherm Multi is ideal for listed buildings, minimising impact on original structures while allowing walls to breathe. It offers a solution for heritage homes where insulation was previously impractical."

Plans are also underway to extend the system to the basement floors and walls.

### Sustainability features

- Energy efficiency upgrade

Find out more: [www.proctorgroup.com/projects/spacetherm-multi-bath](http://www.proctorgroup.com/projects/spacetherm-multi-bath)

