

Whole House Energy Efficiency Solutions from Aran Energy Services

Cold New Build, Trumpington, Cambridge.

We were approached by the home owner, of a newly built linked detached property. The bedroom above the car port was extremely cold he had already investigated the area in question and had found large voids in the insulation material.

The original installation of 150mm of glass fibre installation had been poorly installed hugely reducing its effectiveness.

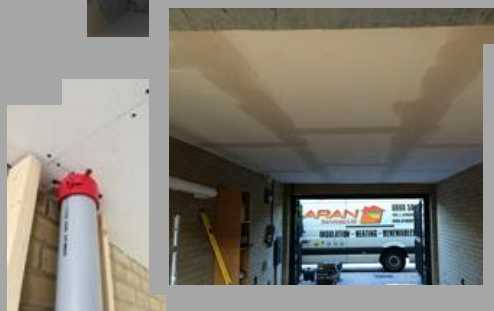
Following a thorough investigation of the area by our Contract Manager we proposed a retrofit solution which included the installation of fire barriers and insulation around the soil stacks that had been excluded during property construction.



After the area had been stripped back our experienced technicians were able to complete the installation. The solution included the installation of 300mm Climatizer, a recycled insulation material, more traditional glass fibre, around areas that may require future access, and a further 50mm of rigid insulation board.



The installation was completed with the reinstallation of the original ceiling board, Glasrock, including jointing, painting and fire retardant sealant.



The project final u-value of this project is 0.095W/m2k, with the benefits of the upgrade being clearly felt by the residents of the property.

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