



Case study

**Underfloor Heating
& Air Source Heat Pumps**

Midhurst, Hampshire

OMNIE.

Underfloor Heating
For every floor.
For every home.

Former pigsty gets the retrofit treatment and is warmed by underfloor heating.

Sympathetic restoration using UFH instead of radiators

The owner of a dwelling in Hampshire/ West Sussex has completed the transformation of one of its oldest buildings by installing underfloor heating using two of the ranges manufactured in-house by our expert team in Exeter. The one-time pigsty, located not far from Midhurst, was derelict for a long time before work began on repairing the roof and making the stone-built structure habitable. Today the old agricultural building provides care and accommodation for elderly residents with a day room on the first floor, along with a shower room and other facilities. The client was keen to be green, and keep the running costs to a minimum, so chose to install an OMNIE air source heat pump which supplies the property's heating, hot water and underfloor heating systems.

Our OMNIE FoilBoard floating floor system was chosen for installation across the ground floor slab while our LowBoard system was used upstairs. The project also made use of

High performance heating solution even though building had high heat losses

our fantastic and precisely engineered five port manifolds to feed the various zones on both the ground and first floors. The total pipe length installed into the FoilBoard and LowBoard profiles on each of the two floors was approaching 535 metres.

Not only do our various OMNIE systems offer comfort and convenience, but underfloor heating is also a proven way of facilitating the optimum performance from renewable technologies, particularly air and ground source heat pumps. These are most effective and energy efficient when left to run for long periods, delivering a low temperature background warmth; while underfloor systems also free up wall space and allow old buildings to be more sensitively restored, OMNIE even have a system which is ideal for retrofitting between timber floor joists.

Air Source Heat Pumps supplied by OMNIE as part of the total design package



Talk to a project expert today.

A local OMNIE expert is ready to answer your project queries.

Call us on **01392 36 36 05** or visit **omnie.co.uk** and enter your postcode.

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