



Case study

Underfloor Heating

Althorp Road,
South West London

OMNIE.

Underfloor Heating
For every floor.
For every home.

OMNIE keeps a low profile for heating system installation in luxury flat renovation.

Compact manifold – only 615 x 415 x 100 mm

A former office property has been converted into half a dozen high specification apartments in the sought-after Tooting district of South-West London. The apartments feature a low profile underfloor heating system from the OMNIE range, as part of a space-saving building services strategy. The focus of the development on Althorp Road, SW17 has been on a three storey commercial unit which the contractors have successfully reconfigured to form six similar sized flats that are expected to command purchase prices in the £750K price bracket.

While our design department provided detailed layout drawings for the project, along with other comprehensive technical guidance, all of the installation work was carried out by a specialist engineering firm. The engineers installed the 35mm deep OMNIE

High performance heating solution but optimising boiler performance

FoilBoard panels across the building's existing sub-floors. The lightweight boards, manufactured from extruded XPS which has a very high compressive strength perfect for floating floors, were easily cut to fit the bay windows and the rest of the rooms' layouts. 400 metres or more of 16mm diameter heating pipes were pressed into the unique multi-directional channel designs which simplified the on-site installation, eliminating the need of an assemble loop and straight panels, prior to being connected back to OMNIE manifolds which distribute the flow from the home's boiler. While the slightly more complex Flat 3 required a six-port manifold, the rest of the dwellings feature five-port versions supplying primary water at 55°C to the different zones.

System installed on all floors – only 2 days to install

Together with the appropriate controllers and room thermostats from the OMNIE range, this arrangement offers occupants excellent comfort levels and controllability, while getting optimum performance from the Electromax boilers and helping to deliver energy efficiency.

The OMNIE range of underfloor heating systems can facilitate installations in almost any situation, including between existing timber floor joists, across concrete sub-floors, or even for retrofit situations where the overall depth has to be kept to an absolute minimum. All OMNIE products have also been tested independently at BSRIA for heat output performance to ensure they reach maximum efficiency.



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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