



CASTELLATED SYSTEM

SUITABLE FOR SCREED FLOOR CONSTRUCTIONS

Our Castellated underfloor heating system is a popular solution where the height of the overall floor build-up is limited. The interlocking castellated panels combine a multi-directional pipe fixing system with an 11mm insulation layer in one compact solution.

This system can be fitted directly to the concrete or timber subfloor, with a liquid or sand/cement screed applied on top. It is particularly popular when using a liquid screed as the interlocking panels act as both a vapour barrier and a tanking system.

The multi-directional fixing burls offers a wide range of pipe centre spacings making it suitable for oil/gas boiler systems, as well as air or ground source heat pumps.

The panels are laid directly to the subfloor and cover the entire floor area. The underfloor heating pipework is then installed into the castellated panels in accordance with the CAD design drawings and further secured with additional hooked plugs where required.



An 8mm edge insulation strip is applied to all perimeter walls to allow for expansion of the screed as it heats up, and to provide a barrier to thermal bridging.

Once complete, the system is pressure tested, checked and signed off. For further peace of mind, it is left under this pressure test while the screeding takes place to ensure no accidental damage occurs.

