References

West Bay



Uponor involvement

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West Bay

West Bay in Bridport is a primary example of modern living. It utilises the sustainable technology of underfloor heating and flexible installation plastic pipework.

Project Facts:

Location
Bridport, United Kingdom

Completion
2007

Building Type
Single family home

Product systems
Radiant Heating & Cooling

Project Type
New building

Partners

installer
UFH Now

The popularity of flexible plumbing techniques in the UK has without question grown in recent years due to the flexibility of installation, and more recently the overall cost of raw materials over traditional materials. Making the best use of plastic materials are developers building multi occupancy projects; 'West Bay' in Bridport is a primary example of this. Not only does it utilise the sustainable technology of underfloor heating, it uses plastic pipework and manifold plumbing to supply all the domestic pipework supplied by Uponor Ltd.

Providing the expertise on the West Bay project was UFH Now, whose knowledge of the Uponor range was utilised to complete the project and offer advice onsite. Nine apartments were erected in phase one and 45 erected in phase two which also contained a commercial area on the ground floor, making best use of space. The installation was carried out by S Goulton Plumbing and Heating Ltd who in addition to the heating added Uponor's L manifold to provide all the hot and cold water to the various apartments. The water temperature was controlled by the combi boiler; with the exception of two town houses which used Uponor's unique UNiset mini manifold systems.

The decision to use Uponor MLC pipe was taken because it has the advantages of flexibility and quick installation time. Uponor MLC pipe uses a very simple press fitting system that offers a strong connection that dramatically reduces the time of installation. The pipe is available in coils between 50 and 500 metres and as a result means the only connection is made at the manifold, allowing the water in the underfloor heating to flow smoothly. The UNIset Mini is designed for control of both water temperature and flow rates in secondary underfloor heating circuits. Available for commercial applications as well a domestic, the UNIset mini is one of three UNIsets that add flexibility to any project.

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