References

Blackmill Doors Windmill



Uponor involvement

400

Blackmill Doors Windmill

Gordon Marshall started a wood yard in his local village using reclaimed wood from the Nottingham factories and terraces which were in steep in decline.

Project Facts:

Location
Lincoln, United Kingdom

Completion
2008

Building Type
Single family home

Product systems
Radiant Heating & Cooling

Project Type
Renovation

Partners

enduser
Gordan Marshall

architect
John Halton Design Ltd

installer
Richard Bentley Plumbing & Heating

Over the years the business grew developing into the mass production of skilfully crafted furniture, located all over the East Midlands. Standing in the centre of the original site is the symbol that inspired Gordon's life work, a 19th century mill, now given a new lease of life as a £1m plus house conversion to accommodate Gordon long into his retirement. Such luxury deserves a level of comfort delivered by an energy efficient expert, and underfloor heating company Uponor Housing Solutions was the ideal choice.

With such an interesting project covering over five floors it was imperative that the pipe used throughout the project could cope with both 'hot & cold' water supply, as well as the underfloor heating. Richard Bentley installed the underfloor heating system into every aspect of the house including the 3 small upper floors and a garage. All the upper floors utilised a simple clip rail system that alloed the pipe to run in between 200mm beams and beneath the floor. Manifold plumbing was used throughout the building utilising hidden space in the bathrooms for manifold location.

The decision to use Uponor MLC pipe was taken because it has the advantage of both 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 Uponor manifold plumbing system makes domestic hot and cold pipe work simple to install and allow the consumer to 'zone off' specific areas of the house.

"I've been working with this pipe for the best part of 13 years and in that time I cannot recall being called back to a job. The pipe is clean, and once in position you know it is going to stay there, especially when hand-laying underfloor heating. It's a top class, affordable material". Richard Bentley (Richard Bentley Plumbing & Heating)

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