



Polybutene
Piping Systems Association

Case Study

The Paddocks, GB



John Guest Ltd.



www.pbpsa.com

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The Paddocks in Littleport, East Cambridgeshire is designed to embrace the town's rural character while achieving sustainable growth and local rejuvenation. The development provides affordable homes that utilise hot and cold water systems and heating using JG Speedfit layflat piping and push-fit fittings developed and manufactured in Polybutene-1 (Polybutylene, PB-1) by PBPSA member company RWC/John Guest.



Connecting people to the British countryside

Comprising over 60 two and three-bedroom houses, The Paddocks, by Countryside Properties, are aimed at helping young people and families trying to get on the property ladder.

Situated in the thriving village of Littleport, the homes are ideally located for those looking for the perfect balance between peaceful village life and modern convenience. With an abundance of local amenities including schools, a leisure and sports centre and a wide array of independent businesses and great transport links, The Paddocks successfully brings country and modern living together.

Designed to a high standard, all homes at The Paddocks benefit from attractive interiors and clever layouts that maximise living space.

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RWC/John Guest's involvement

Part of the charm of The Paddocks are the properties' contemporary and aesthetically pleasing interiors and bathrooms that complement countryside living.

JG Speedfit pipes and fittings made from Polybutene-1 were used for hot and cold water distribution and installation of central heating in each property, they helped conceal pipework behind the walls for achieving a clean and modern finish.

Reliance Valves, part of RWC's family of brands was also a part of the project. RWC Easifit Thermostatic Mixing Valves (TMVs) installed under the bath in each property, play a key role in delivering water at a safe and stable temperature to offer optimal comfort and safety to the homeowners.

TMVs are a requisite of new build homes in the UK as they blend hot and cold water together to ensure safe water temperature from the outlet, preventing occupants from being scalded. With space restrictions to deal with, the ultra-compact and lightweight Easifit TMV was the ideal choice for the plumbing contractor.

Its small size lent itself to the tight space, while the valve's innovative technology and design allows rapid shutdown on hot and cold water supply failure.

The fast, reliable and tool-free PB-1 push-fit solutions from JG Speedfit and Reliance Valves' trusted technology ensured that the project was delivered on time and to a high-quality standard.

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PROJECT AT A GLANCE

Development:

The Paddocks, Littleport, UK

Client:

Kevin Moulton Heating & Plumbing

Requirement:

Easy to install and reliable hot and cold water plumbing and heating systems for the development of 60 new homes. Compact and easy to fit TMVs that deliver safe and consistent water temperature

Specified solution:

JG Speedfit layflat pipes and push-fit fittings made from PB-1, Reliance Valves Easifit TMV



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