

**Project case study
Hanham Hall**

Housing



Product: Aquaflow®; Aquasett; Chartres
Size/area: 2,000mm²

Location: Bristol
Developer: Barratt Homes

Formpave has supplied its Aquaflow permeable paving sustainable urban drainage system to a cutting edge zero carbon housing development near Bristol.



Barratt Homes' Hanham Hall development is set within 12-acres near Bristol. It will be one of the first zero carbon communities in England and will consist of 185 houses as well as a range of shops and offices and will retain the Grade II listed Hanham Hall as its centrepiece.

Formpave supplied over 2,000m² of its standard Chartres paving to the development, as well as Aquasett and Aquaflow SUDS.

The system will contribute towards a communal rainwater harvesting facility which will deliver enough water to flush one lavatory and for one washing machine in each home.

Other sustainable solutions include photovoltaic panels, sliding shutters to prevent solar overheating as well all the properties being designed to maximise natural light.

Barratt Homes' project manager, Philip Marshfield, said: "We wanted to use products that offered the most innovative sustainable solutions available. Formpave's permeable paving was the perfect choice when it came to combining both aesthetics and a quality SUDS."

Hanham Hall is the first housing scheme to be created as part of the Government's Carbon Challenge initiative, which aims to help the house building industry fast track projects that significantly reduce the impact on the environment, provide important lessons for delivering low carbon housing developments and encourage people to live more sustainable lifestyles.

Formpave – innovators in permeable paving for over 20 years

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Philip Marshfield | Barratt Homes' project manager