

KINGSGROVE

CASE STUDY

Project

Kingsgrove

Location

Wantage

Client

Vistry Group

Products

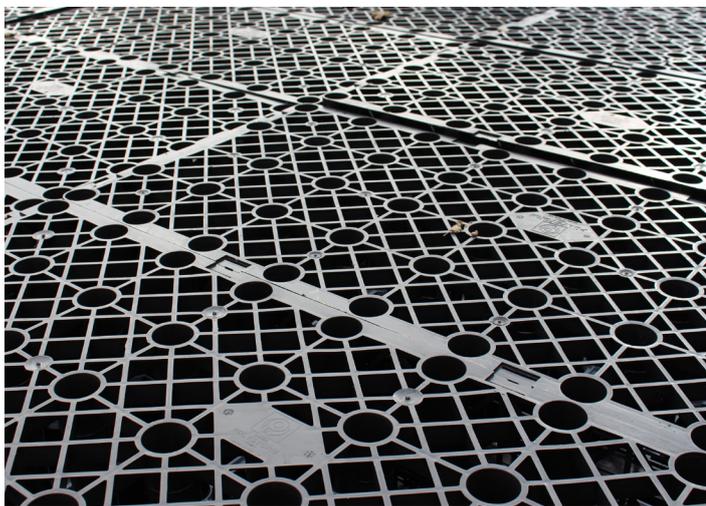
- Polystorm
- RXL Flow Control Chambers
- 600mm PPIC Inspection Chambers

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In 2015, plans for a new development in Wantage, Oxfordshire were approved. The development, named Kingsgrove, would include over 1,500 homes in a phased number of distinct communities, over 100 acres of green space and woodland, a neighbourhood hub, a care home, new primary school and a collection of leisure and entertainment facilities.

Overall work on the development began in early 2018, with estimated completion scheduled for 2031. In 2024, work began on Phase 6 of the project, for which Polypipe Civils & Green Urbanisation provided technical support and product in the form of Polystorm, RXL Flow Control Chambers, and 600mm PPIC Inspection Chambers, with the inspectability and maintenance of the latter being a key driver in our involvement.

"This project was passed to us in the Polypipe CGU Technical Department in August of 2024, when we were asked to run structural calculations and provide a drawing for a Polystorm tank," Thomas Rankin, Associate Technical Engineer at Polypipe CGU, said, "over the course of the following months, the project evolved and we were providing the manifold arrangements connecting into the Polystorm tank, orifice chambers and we would also run bespoke structural calculations due to a crane passing over the tanks during construction. After some amendments to the system, an approved drawing – which consisted of seven chambers - was adopted into the engineering consultant's drawing and sent to manufacturing."



These chambers, along with PPIC chambers and Polystorm crates, arrived on site from January 2025, ready for installation by the groundworker, Westpoint Construction, whom Matt Bradley, Specification Sales Manager at Polypipe CGU, was in direct contact with – “throughout the entirety of this project, there has been consistent communication between all parties. We began this process working directly with Nicholas Broadbent [Vistry’s Project Manager] and then progressed into dealing directly with the team at Westpoint to coordinate call offs and so on.

“Overall, the project has gone smoothly and that dialogue is a huge element of that,” Matt said, “good communication helps us to ensure that firstly, all parties are on the same page, but it also

has a really positive impact on the speed that we’re able to turn things around at.

“In this case, Nicholas and the team fed back that they were particularly impressed with the collaborative approach to design input and versatility of our product range, and it was a significant contributing factor to the progression of the project – which we are now continuing to supply in the upcoming phases. Our product and quality service has laid the foundations for a great partnership and relationships with both the Vistry and Westpoint teams and this project is a great example of the power of communication and collaboration.”

Nicholas Broadbent from Vistry said: “Polypipe CGU’s technical expertise, responsiveness, and collaborative approach have played a key role in keeping the project moving efficiently. From initial design support to on-site coordination, the team has demonstrated a clear commitment to quality and communication, which made a real difference. We’ve been particularly impressed by the design solutions applied to enable a bespoke design to be workable using the vast range of Polypipe CGU products. It’s been a great partnership, and we look forward to continuing our work together in future phases.”

