



VOLUMETRIC™

CASE STUDY

KEW BRIDGE RISE BRENTFORD



BATHROOM, ENSUITE & MEP PODS

The much-anticipated Kew Bridge Rise project is well underway with ground broken on the former Citroen garage site in December 2022. The project, a collaboration between the housing association L&Q and the award-winning Hill Group, is set for completion in 2026. Located in Brentford, West London, the regeneration scheme will bring over 400 new homes to the area.

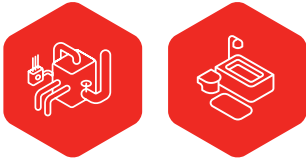
CLIENT
L&Q / Hill Group

PROJECT MANAGEMENT
Hill Partnerships

ENGINEERING DESIGN
VOLUMETRIC™

INFRASTRUCTURE
Hill Partnerships

INSTALLATION
Hill Partnerships



MODULAR INNOVATION

Offsite manufacture and Modern Methods of Construction (MMC) are an integral focus for the development. As experts in modular technology, **VOLUMETRIC™** was chosen to design and manufacture the bathroom and MEP pods for the site.

DELIVERING EXCELLENCE

VOLUMETRIC™ delivered the first pods in March 2023. Earlier in the project development, display pods were installed as part of a prestigious ground-breaking event attended by senior local council members. Our precision-engineered pods arrive fully assembled, tested and certified, making them ideal for projects where speed and ease of installation are vital to achieving strict building programmes.

OPTIMISED DESIGN

Digitally designed by our expert team, **VOLUMETRIC™** bathroom and MEP pods use 3D printing technology and augmented and virtual reality prototyping to ensure accuracy and high-performance outputs. The super slimline 50mm wide light steel frame requires significantly less room than traditional partition walls, designed for optimal spatial efficiency.

Ergonomically designed to meet the client's needs, the **VOLUMETRIC™** team was able to deliver a consistently outstanding product, aligned to functional and aesthetic requirements. Fully customisable internal fittings and finishes allowed the clients to select from a range of bath, shower, sink, tap, valve, vanity unit, mirror and lighting options for a bespoke finish.

GUARANTEED PERFORMANCE

Designed with sustainability in mind, our pods are eco-friendly and cost-efficient. Low energy lighting reduces fuel consumption, while controlled flow showers and dual-flush cisterns mitigate water waste. Using DfMA principles and process-driven manufacturing, **VOLUMETRIC™** produces all bathroom and MEP pods to highly detailed specifications, eliminating material waste.

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ONSITE

COLLABORATION

The ease with which **VOLUMETRIC™** bathroom pods can be installed means minimal disruption to the site with no need for additional onsite services for bathroom spaces. Offsite manufacturing reduces onsite deliveries, further reducing construction time on site.

"The Citroen site is the latest development in which **VOLUMETRIC™** and Hill Group has worked together, having already established a long-standing and highly successful relationship. It has been great to receive the delivery of the first load of bathroom pods, and to see the precision and engineering behind their design and production." Client quote

