

O-ring free plumbing, from plant room to installation

2 years ago



In an effort to help facilitate faster installation and guarantee leak-free installations, REHAU has launched its new [PP-R fiber](#) product range, which provides a complete O-ring-free plumbing solution for commercial and residential buildings.

Built around the same principals as the company's renowned [RAUTITAN](#) multilayer pipework, the new PP-R riser system features cavity-free spaces and is sealed without O-rings, allowing the pipework to be certified as leak-free through a simple visual inspection.

Together, the two offer contractors and installers a complete end-to-end O-ring-free plumbing solution, from the plant room through to installation.

M&E professionals now have a wide array of hygienic, quick-to-install polymer pipes without O-rings, well-suited for apartment and commercial projects including care homes, hotels and student accommodation. It is available in sizes up to 125mm, to meet customer demand for larger sizes above the 63mm maximum for RAUTITAN.

"Our RAUTITAN plumbing system has been extensively used for apartments and other commercial buildings, but specifiers and contractors have been asking for larger pipe sizes as an alternative to traditional materials for risers and corridors," explains Steve Richmond, Head of Marketing and Technical – Building Solutions at REHAU UK.

"The new PP-R fiber riser system meets this need with a socket welding design for faster installation than manipulative or threaded options, and an improved flow rate due to no reduction in internal bore through fittings.

"It is our hope that this product range becomes a mainstay in commercial projects, and can help building

services professionals reduce weak points in the system by avoiding O-rings throughout. With the riser also able to be integrated into prefabricated structures, it is well-placed to help specifiers and contractors meet an anticipated rise in housing demand over the coming year and beyond.”

The new solution also features an inner layer of PP-RCT polymer with white oxidation resistance technology, a middle layer of fiberglass reinforcement and a PP-R outer surface, providing durability and drinking water approval to KIWA Reg 4 (ATS1+ level).