MARLEY
Plumbing & Drainage Solutions

FABRICATIONS SERVICE

marleypd.co.uk

An introduction to Marley

The Marley brand is recognised throughout the world, offering innovative solutions for the construction industry. Now in its 60th year, Marley are experts in the field of plumbing and drainage and offer technical support as well as a wealth of product and installation knowledge.

Marley Plumbing & Drainage is part of the Aliaxis group of companies, internationally recognised as a major global supplier of construction products.

Marley hold 16 kitemark licences and 6 BBA certificates, are members of the Plastic Pipes Group of the BPF and have representation on 24 European CEN Committees.

bsi. ISO 9001 Quality Management — FM 30637
ISO 14001 Environmental Management — EMS 96207

bsi. Plastic piping for soil and waste in buildings KITEMARK™ — KM 545820

The Marley product portfolio is designed for use in both Commercial and Residential applications:

PVCu soil and waste systems

A range of soil solutions for commercial projects, including PVCu push-fit and solvent soil systems in 110mm and 160mm suitable for high-rise installations.

HDPE soil

A kitemarked HDPE system is available in sizes up to 315mm and offers an alternative to cast iron. It is particularly suited where a product with high impact or resistance is required, such as hospitals, hotels and multi-occupancy buildings.

Acoustic soil

Marley dBlue is an acoustic soil system designed to reduce noise and acoustic vibrations to a level of 19dB, suitable for hotels, schools, etc.

Multikwik

Multikwik sanitary frames complement the Marley range, delivering concealed sanitary solutions for multi-occupancy projects.

Why choose a fabricated system?

There are many reasons to choose the Marley HDPE system: It's lightweight, robust, easy to manoeuvre on site, has a choice of jointing methods, and is the only system in the UK to be certified with a British Standard kitemark.

The choice of whether to purchase loose items or a fabricated system may require further consideration:

Saves time

Building pipe systems requires time; time to measure, make cuts, joints and to complete testing. Using a fabricated system cuts down time on site considerably.

Saves money

Make the best use of the skilled labour on site by focussing their expertise in other areas and use our experts to make the systems for you. Using fabricated systems saves time, saving money.

Saves storage

Marley fabrications are made off site, saving storage space on site which is at a premium in urban locations.

Saves waste

Drainage systems designed and made accurately by us minimises offcuts and waste on your site.

Expertise

Expertise in products. Expertise in drainage designs. Expertise in fabrication. Marley are a great addition to your team.

Simplification

The fabricated sections are joined to the pipework with fast and simple connections. Complex design decisions are made earlier in the project with our dedicated fabrication design team.

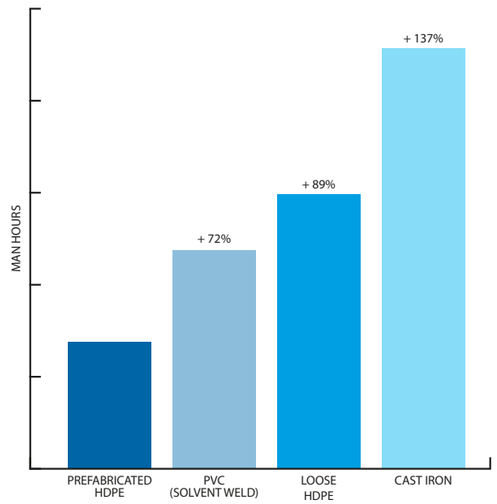
Quality, assured

Tailor-made to your exact requirements by a team of skilled fabricators in a controlled environment, with air pressure testing as standard.

Delivery when you need it

Fabrications are delivered to a pre-arranged schedule, ensuring they'll be available when you're ready for them on site.

What are the time savings?



We compared drainage system installation times for a typical multi-storey, multi-occupancy project.

Using a prefabricated HDPE system significantly reduces the man-hours on site – to complete the same installation using loose HDPE parts would take almost 90% longer.

A prefabricated system can greatly help to compress a project schedule.

Listed in Trimble LUCKINS™

The installation comparisons have been calculated using an independent third party, Luckins, providers of the most comprehensive, accurate and up-to-date content for the UK building services industry.

Save time on site by utilising the skills at Marley to build your bespoke fabrications.

Using HDPE stacks as an example, the process works in the following way:

Quality Product

The Marley HDPE range is the only system in the UK certified to BS EN 1519.

bsi. Plastic piping for soil and waste in buildings KITEMARK™

KM545820

Technical Services

Designing the most efficient drainage system for a project is a skill for which the Marley Technical Services team are renowned.

All of our team have a wealth of valuable installation experience. This enables us to evaluate systems to ensure they are not over-engineered, yet are fully compliant with current regulations.

Our team of experts will provide support throughout the design process, creating drawings for each stack element and liaising with our fabrications team to ensure that every detail is to specification.

A dedicated Business Development Manager will be your point of contact throughout the project.

The Fabrications Team

Our dedicated team of skilled fabricators will pre-build the HDPE soil stacks in a controlled factory environment, to project specifications and to the highest quality, with pressure testing to BS EN 12056-2 on every stack as standard.

We've been fabricating products for many years, guiding drainage systems around increasingly complex building designs.

Each finished stack is labelled with a unique drawing number, with accompanying documentation identifying relevant floor numbers, for ease of installation

On site support

This is useful for particularly complex installations, where our years of industry experience may be beneficial.

By prior arrangement, one of our technical team will attend your site and advise on installation techniques and offer guidance on best practice.

Delivered when and where you need it

One of the benefits of a bespoke service is the ability to use Marley as an extension of your own team.

Following drawing sign off, a delivery schedule is agreed.

Our Logistics team will transport the assembled stacks to site, using a fleet of new state-of-the-art vehicles, designed to transport products safely and efficiently.

Deliveries will arrive to the agreed schedule, saving precious space on site.

Case study
Dollar Bay, London

Marley provided a tailor-made plumbing solution for the Dollar Bay apartments, a 32-storey build in the heart of Canary Wharf. The build has seen a range of Marley's products installed throughout, including HDPE fabricated soil systems.

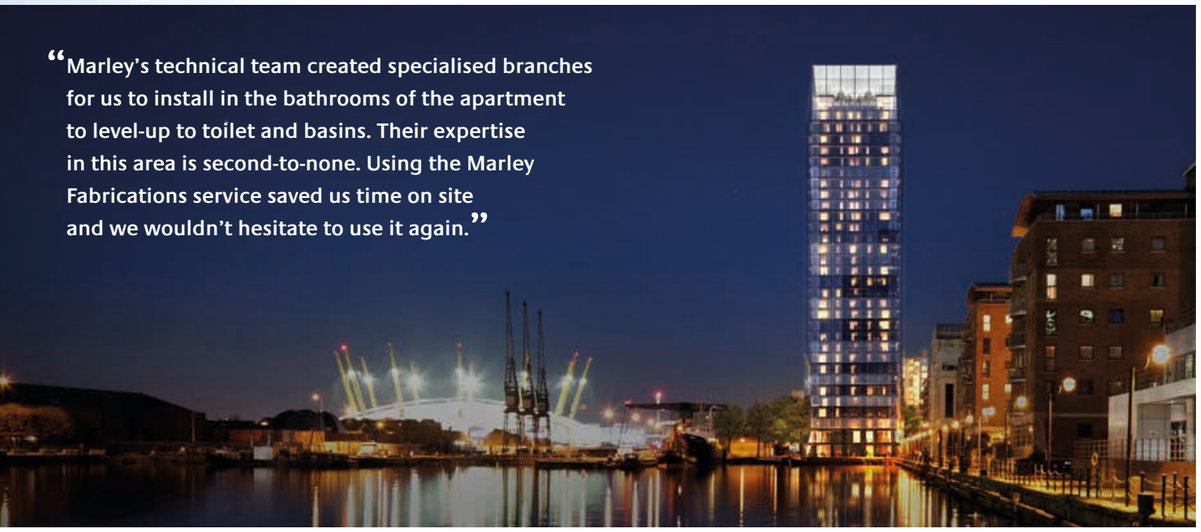
Paul Oliva, Contracts Manager at Bowmite Electrical & Mechanical, sub-contractors on the project said: "The project is pretty special because it's a building completely made of glass. The apartments are luxurious, in the heart of London's financial sector, with most already sold at millions of pounds.

"Marley's technical team created specialised branches for us to install in the bathrooms of the apartment to level-up to toilet and basins. Their expertise in this area is second-to-none. Using the Marley Fabrications service saved us time on site and we wouldn't hesitate to use it again."

A range of Marley's HDPE products were also installed in the build, which was completed in 2016. The range is certified to BS EN 1519: 2000 and offers an alternative solution to cast iron. It is particularly suited for commercial applications or where a product with high impact or abrasion resistance is required – this meant that it suited this build perfectly.

Paul continued: "We've used Marley many times before on our projects because they are a good supplier, they always have the stock available and they are always willing to help whenever they can.

"The building is going to be spectacular when it's finished with views on one side looking over the banking district and the O2 Arena on the other."



Fabricated items

If your building requires a fabricated product such as an unusual gutter angle, our technical team can evaluate the feasibility and provide a solution.

Please email **customerservice@marleypd.co.uk** with your initial enquiry.

HDPE fabricated soil stacks

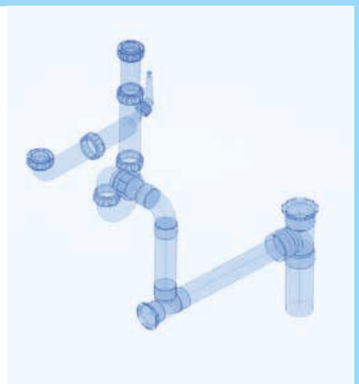
For all fabrications enquiries, please speak to your local Project Sales Manager who will take you through the fabrications process.

BIM OBJECTS

If you'd prefer to design the drainage system yourself, you may like to use BIM to do so.

Using BIM technology at the design stage of a project helps to detect clashes within a building, instead of experiencing them on site. How the sanitary pipework system fits within these constraints can now be tested using the Marley BIM files.

The Marley BIM objects have been designed in Revit with all of the latest COBie data and are available to download from: **www.marleypd.co.uk** or **www.bimstore.co.uk/manufacturers/marley-plumbing-and-drainage**



BIM EXPERTISE IS NOW PART OF OUR TECHNICAL SERVICES TEAM

If you have a question about our BIM objects or have some feedback on our BIM library, simply email: **BIM@marleypd.co.uk** with your comments.

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Why choose a fabricated system?

- SAVES TIME
- EXPERTISE
- SAVES MONEY
- SIMPLIFICATION
- SAVES STORAGE
- QUALITY, ASSURED
- SAVES WASTE
- DELIVERY WHEN YOU NEED IT

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