





In any commercial build, water management is one of the essential elements that everybody has to contend with. Wavin is uniquely qualified to assist.

We connect market leading brands – like OSMA and Hepworth Clay – with technical advice and project support.

Our award-winning designs and innovations deliver real world benefits and measurable gains in performance and sustainability.

And we link regulatory requirements to qualified advice and compliant solutions.

At every stage – from initial planning and on-site issue resolution to assured one-source supply and product certification at handover – we connect you to better solutions, better partnerships, better value and better outcomes.



Registration No. 154146

Use our registration number to source information directly from the Constructionline database.





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Expertise from the ground up

Whatever the project requires, you can put your faith in Wavin to place every aspect of water management at your command.

Deeper resources

Wavin is a global leader in the supply of plastic pipe systems and solutions. With experience in every sector of commercial development, we can help construction professionals to fulfil statutory obligations, assist with environmental goals of sustainability and energy efficiency and, at handover, aid occupants with day-to-day operation, safety and comfort.

Innovation with purpose

Every innovation we create is designed to overcome specific, real world issues. From our award winning Recycore® Technology, to the first stormwater system to hold BBA certification across its full range, Wavin products deliver better performance, enhanced sustainability and lower lifetime costs.

Working in partnership

As an integral part of a project team we can deliver tangible benefits on the ground, from planning and installation to handover. Alert to issues and with informed advice on statutory and environmental regulation, we can anticipate, identify and resolve problems on the spot – helping to simplify progress, sustain scheduling and reduce costs.



Single supplier sourcing

We are as reliable as we are flexible and timely. Our heritage and scale means assured supply of all the technology, systems and components a project requires, sourced from a nationwide stockist network backed by local support. We deliver outstanding products but also streamlined scheduling, economies of scale and simpler project management.

Technical expertise

Our claim to 'connect to better' is brought to life in our in-house UK Technical Centre, as well as through our specialists on the road and in the resources we make readily available online.

Engineering value

We have proven ability to reduce avoidable costs. Whether from feasibility checks to pre-empt problems, time-saving design support that might reduce groundwork or guidance on the impacts of the latest regulations, we always seek to go beyond simply fit-for-purpose.

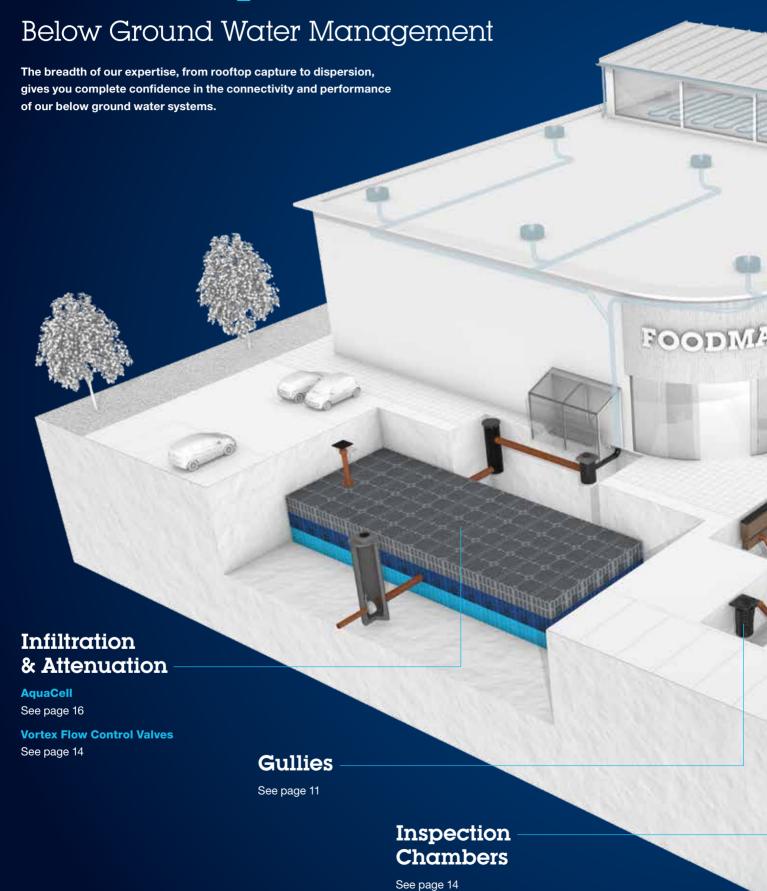
Sustainability as standard

Wavin has sustainability woven through it, with roots embedded in sustainable solution development and responsible manufacture. From managing our own carbon footprint, through accredited environmental management systems and a sustainable supply chain, to delivering superior sustainable products, Wavin is committed to protecting resources for future generations.

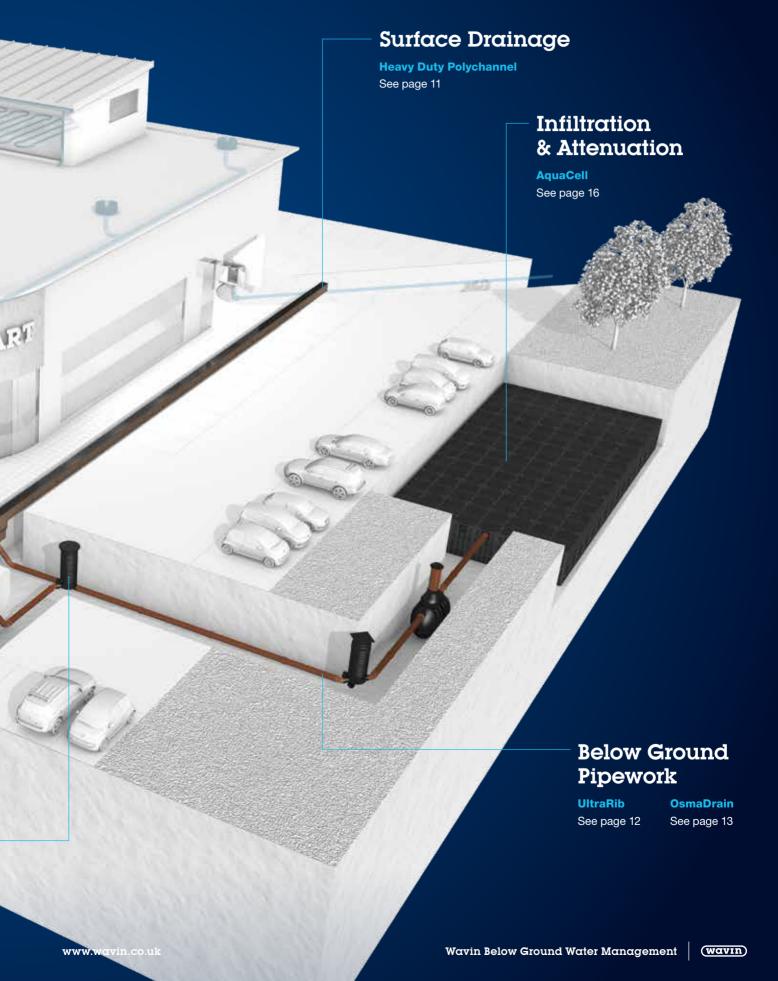
Proven expertise

From the Athletes Village at London 2012, to stormwater management at a £60 million hotel development in Bournemouth, we have a track record of effective partnerships delivering success.

The Complete Solution







Keeping you on top of legislation





Flood and Water Management Act 2010

Climate projections suggest that extreme weather will happen more frequently in the future. The Flood and Water Management Act is designed to reduce the risk of flooding and its consequences by providing for better, more comprehensive and co-ordinated water management, embracing groundwater, surface water and coastal erosion risk.

The Act gives DEFRA responsibility for establishing national standards for sustainable drainage and empowers local authorities to manage local flood risk – adapting and maintaining sustainable drainage schemes.

Specifically with regard to stormwater, Building Regulations Approved Document H3 stipulates that adequate provision should be made for rainwater to be carried from the roof of a building to either a soakaway, water course or sewer.

The EU Water Framework Directive

Nearly half the EU population lives in 'water-stressed' countries, caused by high extraction from freshwater sources, and demand is growing all the time.

The EU Water Framework Directive introduces a new legislative approach designed to better manage and protect water resources, based not on national or political boundaries but on the natural formations of river basins.

Building Regulation Part H(Drainage and Waste Disposal)

Building Regulation Part H embraces the guidelines for drainage and waste disposal that must be met in the UK.

Although Part H extends to rainwater drainage and solid waste storage, waste drainage issues are to the fore. The Building Regulations are designed to ensure that all foul water (waste from urinals, portals, food preparation water etc.) is properly disposed of to maintain a decent level of sanitation, promoting both personal and environmental health.

The regulations also highlight the importance of pollution prevention, working sewage infrastructure and sewage maintenance.









Connect to better below ground

For the safe and effective management of water below ground, from the capture and transportation of foul water to storm water management, our end-to-end systems enable the optimum solution to be achieved for each project.



Capture

The first step in efficient below ground water management is the capture of surface water through channel drainage

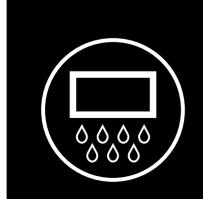
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Transportation

As experts in both clay and plastic piping, Wavin can offer the most comprehensive range of foul water, storm water, inspection chambers and flow control valves to suit any and every site.

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Infiltration & Attenuation

The AquaCell and Q-Bic Plus ranges are fully BBA-approved SuDS systems offering both infiltration and attenuation solutions for trafficked and non-trafficked applications.

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Capture



Heavy Duty PolyChannel

Wavin PolyChannel is a complete and integrated surface water drainage system for any application where surface water requires transportation for disposal or recycling.

Suitable for applications up to F900 loading, PolyChannel is ideal for projects including airports, sports stadia, supermarkets and business parks.

- Outstanding chemical resistance and low water absorption
- Environmentally friendly polymer concrete system
- Supplied as a one-piece monolithic unit, giving enormous strength between the frame and channel
- Patented PolyLok system which ensures the grates are secured in place during vehicle override

Yard Gully

The OsmaDrain Yard Gully comes complete with its own trap facility, which allows ease of rodding via a removable rubber plug.

Also available as optional extras are a Perforated, Galvanised, Mild Steel Catchment Bucket and a Ductile Iron Grating and Frame, suitable for use in installations requiring a BS EN 124-B125 Medium Duty Loading.

Our extensive range also includes road and bottle gullies, details of which can be found on our website.







Transportation

UltraRib

OSMA UltraRib forms a comprehensive range of solid wall pipes and rainwater transportation systems for adoptable situations requiring a high stiffness classification.

- External ribs give exceptional radial strength while remaining lightweight
- O Available in 150-300mm diameters, UltraRib can be used up to a depth of 10 metres
- ① UltraRib pipes have a stiffness classification of SN8 and meet all relevant regulation and compliance standards
- Suitable for foul and surface water drainage



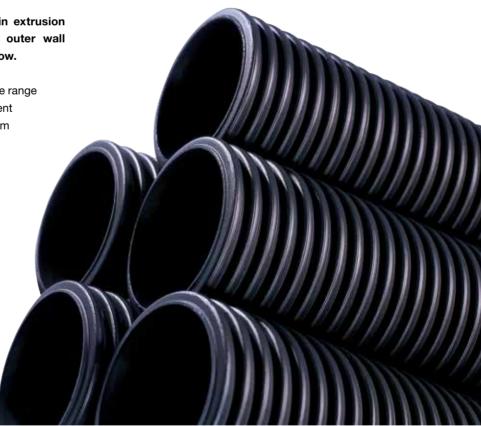


TwinWall

Wavin TwinWall pipe is manufactured by a twin extrusion process which creates a strong, corrugated outer wall and a smooth inner surface to assist hydraulic flow.

- Lightweight, easy to handle and install with a wide range of components to meet any installation requirement
- Available in a range of stiffness classifications from SN2, 4 and 6
- TwinWall is BBA certified and meets all relevant regulation and compliance standards
- Suitable for surface water drainage
- Available in 100–1500mm diameters and comes in lengths of 6, 12 and 14 metres







Hepworth Clay

Fired to perfection in a globally unique production process, Hepworth Clay pipes are the ultimate future-proof drainage solution, providing superior sustainability, durability, performance and cost-efficiency.

- Olay is a 100% natural and plentiful raw material
- Clay pipes are inert, making them impervious to almost any chemical or physical attack
- Hepworth pipes carry a lifetime jetting guarantee, jet proof to 7500 psi
- With a lifetime expectancy of over 100 years, Hepworth Clay is a genuine fit and forget solution, requiring no renovation or repairs to minimise service costs and its installed risk profile
- Kitemarked to BS EN 295-1 and supported by a declaration of performance and CE mark
- Suitable for foul and surface water drainage





OsmaDrain

OsmaDrain is the definitive and comprehensive PVC-U gravity drainage system for residential, commercial and industrial projects.

- In 110mm and 160mm diameters, OsmaDrain features Wavin's unique and award winning Recycore® Technology, utilising at least 50% recycled content to deliver at least the same high performance as the virgin products being replaced
- An extensive range of fittings include captive seals for totally assured jointing
- OsmaDrain pipe meets the requirements of BS EN 13476 and are kitemarked
- Suitable for foul or surface water drainage









Inspection Chambers

We offer a comprehensive range of Wavin inspection for both adoptable and non-adoptable applications, certified to BS EN 13598 part 1 and part 2 for deeper installations to 3 metres.

- The chambers can support a range of flow configurations including straight-through, 45° and 90° branch options
- Fast, easy installation requiring no wet trades
- Reinforced ribbing withstands groundwater pressure
- A choice of plastic covers and frame solutions are available to match different site situations
- O Available in shaft sizes of 200, 315, 450 and 600mm







Vortex Flow Control Valves

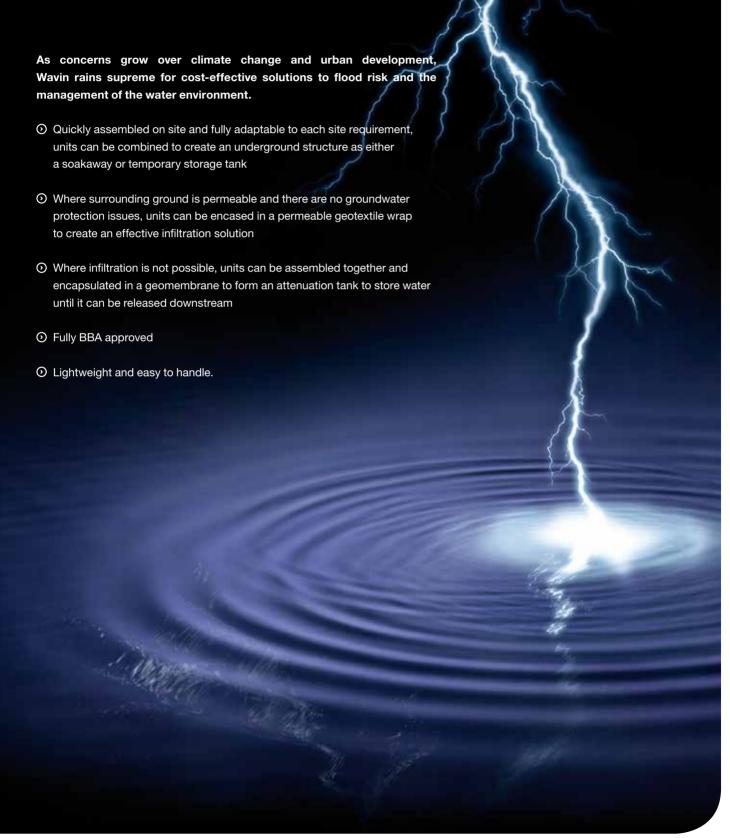
Manufactured from corrosion-resistant stainless steel, Wavin's vortex flow control valves are a vital part of our intelligent stormwater solution.

They enable precise control of discharge flow rates from drainage, storage attenuation and infiltration/soakaway systems. The valves control surface stormwater flow by hydraulic effect, working without a requirement for moving parts.

- Vortex is self-activating and delivers precise flow control with no moving parts or power requirements
- A longer flow path opening reduces the risk of blockages
- Custom built for optimum performance



Infiltration & Attenuation



AquaCell Eco

AquaCell Eco is manufactured from specially reformulated, recycled material and has been specifically designed for shallow, non-trafficked, landscaped applications. AquaCell Eco is NOT suitable for locations subject to high water tables.















AquaCell Prime

AquaCell Prime is manufactured from specially reformulated, recycled material. It is ideal for use in both shallow and deep applications, subject to either regular traffic loading - such as car parks (for vehicles up to 12 tonnes) or for landscape areas.



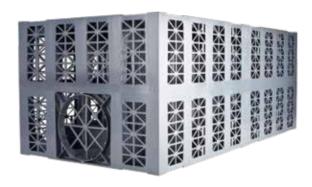












AquaCell Core

AquaCell Core has been designed for use in deep applications, subject to both regular and heavy traffic loadings, such as cars and HGVs (for vehicles up to 44 tonnes). In addition AquaCell Core can also be used for deep soakaways and landscaped applications.















AquaCell Plus

AquaCell Plus has been designed primarily for use in deep applications where inspectability is required, and is suitable for use in all applications from landscaped areas to heavy trafficked areas (for vehicles up to 44 tonnes).











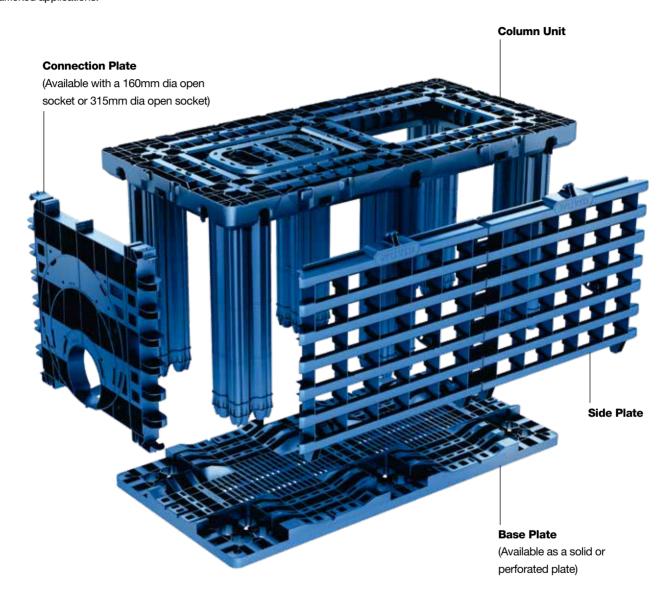






Q-Bic Plus

The Q-Bic Plus geocellular system has been uniquely engineered to combine ease of access and speed of installation. It can be used either as a temporary storage tank or a soakaway, particularly where accessibility into the tank is required and it is suitable for a wide range of landscaped and trafficked applications.



- Proven vertical loading capacity of 32.5 tonnes/m² and lateral loading capacity of 10.8 tonnes/m²
- The open void structure gives class leading levels of access for inspection and maintenance, with;
 - 70% open floor space with both vertical and lateral access, allowing easy deployment of inspection and cleaning equipment
 - Inspection access and inlets/outlets that can be placed in almost any position
 - Guide channels inside the system, ensuring smooth, unobstructed access

- Fast, easy to install units, with push-fit functionality and patented integrated connectors, with no need for separate pegs or clips
- Modular design gives freedom to configure any shape of tank to suit the site conditions
- Lightweight and easy to carry with ergonomic hand grips and a walkable top deck
- Can be used as part of a SuDS scheme to help reduce flood risk

Wavin ActivPartnering Martinering Martine

Connect our know-how to your expertise

Over a 60-year pedigree of innovation and manufacture, we have accumulated a vast reservoir of knowledge and expertise in water management in the built environment.

It is that know-how which ActivPartnering puts at your disposal. ActivPartnering is a dedicated and well-resourced support service, created to assist our project partners in eliminating avoidable costs and achieving the best installed outcome – every time.

From CPD sessions and optimised specification, to calculation, compliance, enhanced sustainability and reduced risk, it's a perfect complement to your professional expertise. We can work with you at any or all stages, and we have experience right across the construction spectrum, be it commercial, industrial or residential.

In our experience, the earlier we are involved the more value we can add, but we are agile and flexible enough to respond when you need us, on one facet or every aspect of above and below ground water management.

Get Activ

To learn more, contact us now or go online to view our ActivPartnering video.

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