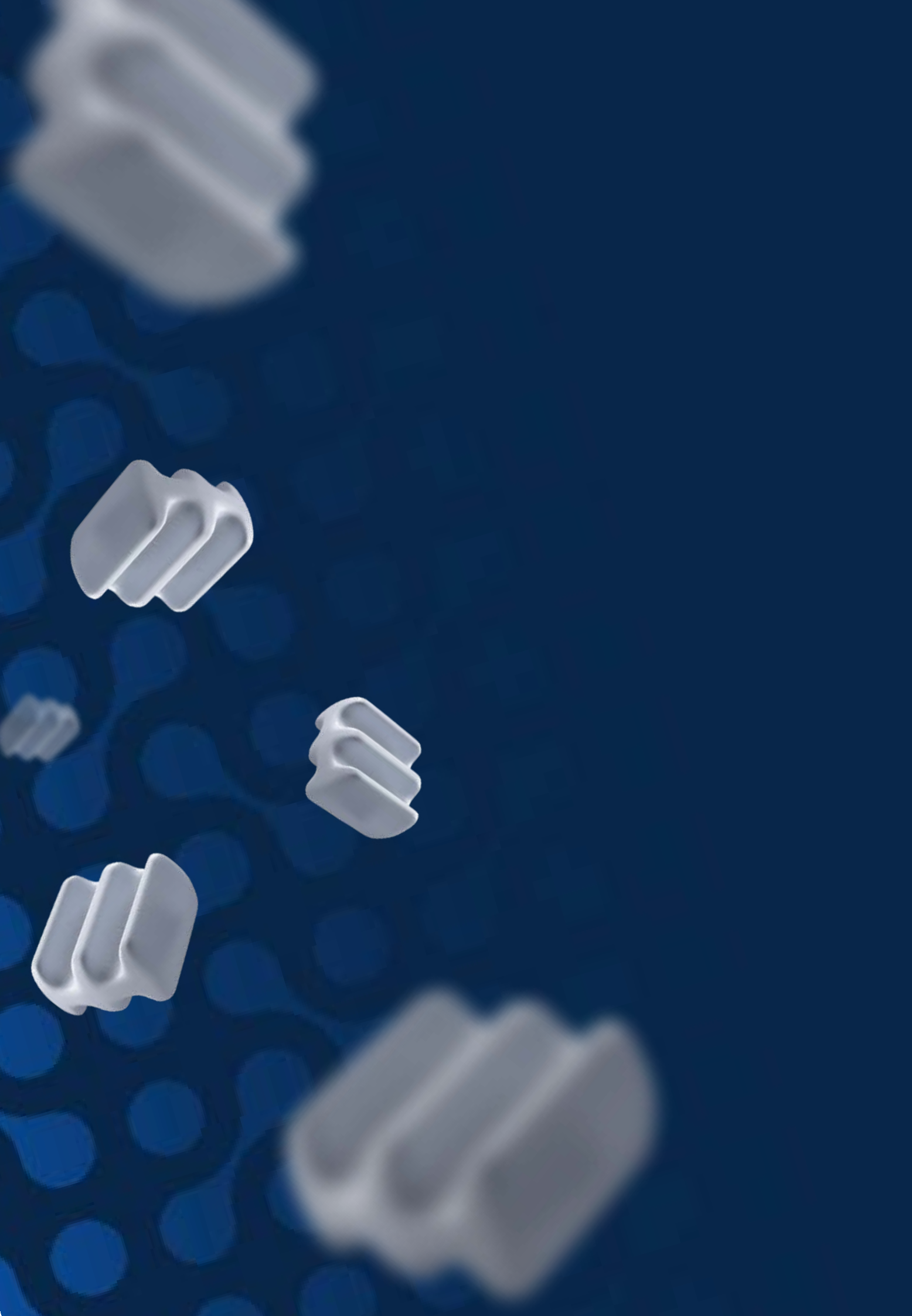




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Get in touch for technical support, pricing, or product guidance.

02 Our Vision

Proudly UK-made since 2004, our products are designed, tested, and manufactured in Gloucestershire, supporting infrastructure and environmental projects across the country.

In 2021 Forest Group relocated from Newent to new larger premises in Gloucester to enable us to continue to provide our ever growing customer base with the quality of service to which we have become renowned.

We pride ourselves on our ability to innovate and respond to the changing needs of our clients, especially as environmental legislation and regulatory pressure increase. You can trust our products to not only meet the standards, but exceed them. They're built to work harder, last longer, and do more to protect the world around us helping us to remain at the forefront of our industry sector.



Industry Leaders



Innovation ahead of industry change



Real World Experience & Knowledge



Diverse Discipline Expertise



Customer-Centric Approach



Sustainability at Our Core



Quality & Performance You Can Rely On



04 Our Specialist EPS Bead



At a microscopic level, the bead features an armouring function.

This layer allows the bead to attract and trap pollutants such as polyaromatic hydrocarbons, heavy metals, and other dissolved contaminants.

By combining physical filtration with chemical adsorption, the EPS bead doesn't just capture silt, it actively filters out contaminants, reducing pollutants by up to 99% before water enters the watercourse.



Heavy Metals



PAH's



De-Icing Agents



Nitrates



Phosphates

EPS Drainage Bead Technology

At the heart of every Forest Group drainage solution is our specially engineered EPS drainage bead. Made from **100% recycled, non-toxic, and non-biodegradable material**, each bead is shaped to a uniform size with a distinctive channelled surface that **enhances flow and increases surface contact**.

Collectively the EPS beads form a lightweight yet effective system for capturing silt, sediment, and suspended solids at source as well as being robust enough to act as replacement aggregate for underground drainage.

Backed by independent Laboratory Testing.

Our products have been rigorously tested by the **University of Sheffield, Nottingham Transport Engineering Centre (NTEC)** and **Water Research Centre (WRC)** to independently evaluate our products qualities.



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06 Our Drainage Products

ForestGroup^{UK} Gully Guard

08

Drop-in re-usable filtration cartridge for gully pots, removing 99% of suspended solids and 97% of chemicals typically found in surface water run-off.



ForestGroup^{UK} Filter Barrier

10

Reusable watercourse protection system that traps sediment and water soluble chemicals at source, assisting preventing pollution during construction and maintenance works.



ForestGroup^{UK} Filter Feeder

12

Portable, self-contained de-watering unit that filters wastewater without power or chemical additives. Ideal for dealing with road sweeper wastewater and de-watering activities on site.



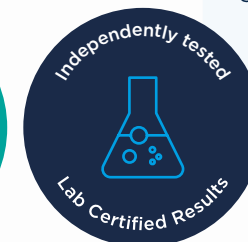
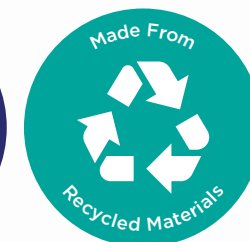
ForestGroup^{UK} Polybed

14

A lightweight alternative underground drainage solution using our EPS bead for faster, cleaner installs with enhanced performance and considerable costs savings.



All our products are:





The Clear Choice in Gully Protection

Removes 99% of suspended solids & 97% of surface water contaminants, including PAHs, heavy metals & de-icing agents from entering into existing watercourses, all whilst maintaining flows in excess of a 500 year return storm event

Gully Guard™ delivers unbeatable performance, cost-savings, and ease of use.

With tool-free installation, constructed from recycled materials and being completely reusable the Gully Guard™ is the sustainable, easy to use solution that saves time and money from day one.

Backed by independent Laboratory Testing.

The only product on the market proven to deal with a high level retention of silts and contaminants whilst maintaining flow under adverse weather conditions

To find out more about the University of Sheffield independent testing scan the QR Codes below.

Sediment & Pollutant Retention Report

Hydraulic Flow Test Report

Available in two sizes
to suit 300mmØ & 350-450mmØ gully pots



Product Overview



I have no hesitation in recommending Gully Guard for our filtration needs. Put quite simply – it works.

- Tim Davies | Taylor Wimpey

Gully Guard vs Other Silt Blockers	Gully Guard	Other Silt Blockers
Made from 100% recycled materials	✓	✓
Backed by independent laboratory testing	✓	✗
Time to install	30 Seconds	Hours
Material Cost to install	£0	£120+
Can be used on existing gully	✓	✗
Universally fits any gully size	✓	✗
100% Reusable	Fully reusable	Partly reusable
Removes water-soluble chemicals & metals	✓	✗
Product life expectancy	100 Years	30 Years
Product cost	<£50 each	£100+
Tested to storm events in excess of	500 Years	1 Year

ForestGroup^{UK} Filter Barrier

Water Course Defence

Filter Barrier™ is a reusable barrier protection system that can be used in a variety of applications as a defence to hold back sediment and pollutants.

Taking our proven EPS Bead technology we have created our high filtration barriers for use in a variety of arenas such as urban, construction and agricultural.

Filter Barriers create protection for any discharge or run-off into an existing watercourse trapping sediment and retaining associated chemical pollutants.

Designed to provide an increased surface area and with a consistent 375mm diameter, various lengths are available to suit any silt barrier requirement for any project.

Available in a range of lengths

Filter Barrier™ is Manufactured in a range of lengths:

- 1.0m x 375mm Ø
- 1.5m x 375mm Ø
- 2.0m x 375mm Ø
- 2.5m x 375mm Ø
- 3.0m x 375mm Ø



Product Overview



Scan me



ForestGroup^{UK} Filter Feeder

Portable filtration system for site wastewater & de-watering activities

The Filter Feeder™, is an on-site portable de-watering solution, and uses our unique EPS technology as a filter medium. Unlike other dewatering systems this requires no power or use of chemical additives.

The Filter Feeder has been designed to receive wastewater slurries commonly discharged by road sweeping and gully sucking operations as well as pumped waste from de-watering exercises.

The process systematically 'cleans' water by using both the pre-filter units and a specialist EPS filter medium found in the head to separate and cleanse the water content from any slurry and suspended matter.

Following this process any filtered water can then be discharged in a safe and controlled manner in line with your site discharge permit, with any dry waste remaining in the removable pre-filter units effectively classed as de-watered which can be responsibly disposed of as a solid waste.



Independently reviewed

We appointed an independent environmental consultant to review the Filter Feeder as a dewatering and filtration system for sweeper waste. Following this review, a technical note was produced offering guidance on the waste management legislation and compliance requirements for its use on construction sites.

View the [Technical Note](#) scan here:



Product Overview



Filter Feeder Mini

For pumped de-watering activities



The unit has provided time and cost savings, and provided a carbon saving which contributes to our project's carbon reduction targets. Our use of the Filter Feeder has been recognised as 'Best Practice' by the Considerate Constructor's Scheme.

- Alex Romankiw | Galliford Try

Scan me





A high-performance alternative to traditional aggregate methods

Polybed® is a lightweight, pre-lagged underground drainage solution using our specially engineered EPS drainage bead. Designed to replace traditional aggregate methods, it offers improved infiltration, easier handling, and dramatically reduced install times.

- Septic tank Soak-Aways
- Domestic & Stormwater Soak-Aways
- Groundwork Maintenance & Drainage Remediation
- Retaining Wall & Foundation Drainage
- SUDs Solution

Polybed innovative drainage systems have a performance that is comparable to traditional aggregate based methods.

The engineered consistent nature of the EPS material used within Polybed and Polyagg products means users can have confidence in the results that will be achieved each and every time Polybed is installed.

The engineered EPS material has a highly uniform shape and form and therefore gives a very consistent void space, unlike traditionally used gravel type aggregates, giving an overall void ratio of just over 39%.



Tested to full highways loading

Polybed® has been independently tested at Nottingham's Transportation Engineering Centre (NTEC), proving its strength for use in car parks, roadside filter strips, and shallow drainage systems.

"Polybed & Polyagg can provide a structurally satisfactory alternative to traditional pipe and gravel based drainage systems"

Product Overview



Independently Tested by WRC

Polybed® has been independently tested by The Water Research Centre (WRC), validating its performance versus traditional drainage materials and applications.

"Polybed innovative drainage systems have a performance that is comparable to traditional aggregate based methods. The engineered consistent nature of the EPS material used within Polybed and Polyagg products means users can have confidence in the results that will be achieved each and every time the product is installed"

WRC Report



Polybed & Polyagg Options

Polybed is available in single wall, twin wall and Sewer pipe options.

Polyagg is the unpiped synthetic aggregate bundle option.

Scan the QR Code for full specs on Polybed & Polyagg options

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