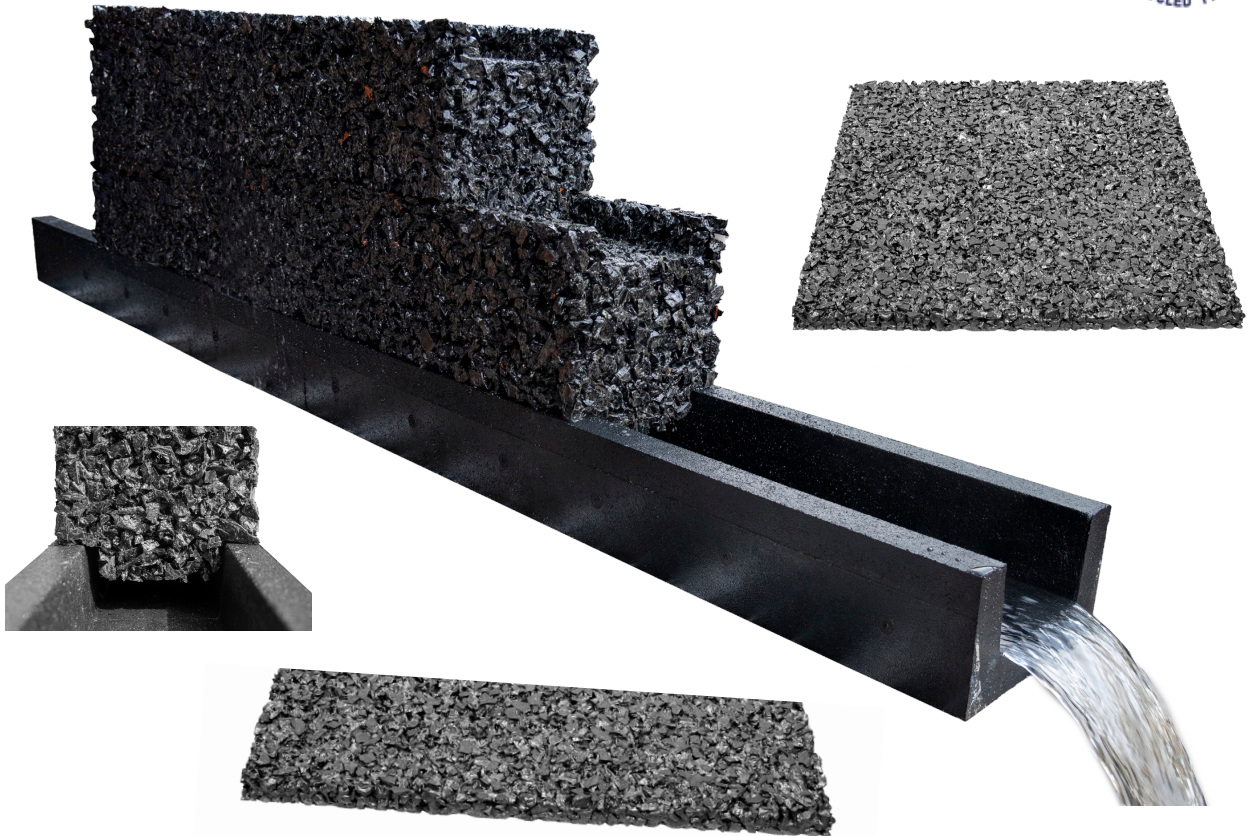


Modular Drainage Systems

Overview



Modular Drainage Systems



Manufactured from encapsulated recycled tyre rubber within a resin binder, and designed to meet the unique demands of civil engineering, the transport sector and climate change resilience.

Modular drainage systems integrate with ease into both existing drainage networks and new water management projects, providing superior control, attenuation and compliance in the drive to Net Zero and greener infrastructure goals.

- **Unique Drainage Properties** - Unlike traditional drainage solutions, the robust drainage units of the system facilitate the free flow of excess water, silt, and hydraulic pressure, enabling effective water transfer away from formations and infrastructure.
- **Technological Innovation** - Utilising a patent-pending process and materials; these systems represent gold standard engineering in water management, climate change adaptation, decarbonisation and resilience. The energy-efficient cold-cure manufacturing process produces high-quality, low-carbon products that are both recycled and recyclable.

Adaptability for Whole-System Water Management:

- **High Performance** - Enhanced attenuation and drainage efficacy to remove water from structures and assets with increased immediacy. Intercept and control water at source and dissipate the energy of rainfall events and in-flows.
- **Integrated Design** - Ideal for use across entire site footprints and drainage designs as a replacement for perforated pipes, concrete channels and loose granular stone.
- **Transformative Drainage Design and Construction** - Achieves significantly improved downpipe water management, sub-base and geocellular tank optimisation, drainage layer provision and the conveyance of water away from hard standings / edge lines. Interface and transition between hard and soft landscapes, sustainable drainage features and tie in points.
- **Connections and Maintenance:** A versatile range of connection options and chambers, alongside modular design details, facilitate safe and immediate access for efficient inspection and maintenance.
- **Environmental Integrity:** Modular drainage systems can significantly reduce the carbon footprint of construction materials and projects, adhering to strict environmental standards.

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Modular Drainage Units are manufactured by Rosehill Polymers Group.
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