

Marine Aggregates

Helping power the UK's growth

Tarmac Marine plays a vital role in supplying the raw materials that underpin the delivery of UK infrastructure.

With over 3 million tonnes of marine aggregates delivered annually, our operations support the construction of roads, railways, airports, and energy infrastructure across the country.

Our fleet of four purpose-built dredger vessels operates 24/7, 365 days a year, ensuring a consistent and reliable supply chain from seabed to site.

Backed by 120+ skilled professionals and an industry-leading reserves management team, we manage over 300 million tonnes of aggregate reserves—strategically positioned to meet national demand.



**4 purpose
built ships**



**24/7 365
operation**



**300mt+
aggregates
reserves**



3mt+ PA aggregates
supplied into UK
construction

Integrated Logistics: Sea, Rail, Road – Seamless Supply

Tarmac Marine is a cornerstone of Tarmac's multi-modal logistics network, enabling efficient, low-carbon delivery of construction materials across the UK.

- Largest rail user in UK construction – reducing road congestion and emissions
- Marine-to-rail integration at key wharves and depots
- Marine-to-road flexibility for coastal infrastructure projects
- EV fleet leadership – Tarmac operates the largest electric vehicle capacity in UK construction, driving sustainability across the supply chain
- End-to-end logistics expertise – from dredging to delivery

This integrated approach ensures resilience, speed, and environmental responsibility – helping to minimise transport impact whilst supporting the lower carbon transportation.

Safety, Stewardship, and Sustainability

Operating with a Zero Harm culture, Tarmac Marine prioritises the safety of its people and partners. We maintain a long-standing relationship with The Crown Estate and actively contribute to scientific research and environmental studies to protect marine ecosystems.

Our dredging operations are carefully managed to minimise ecological impact, ensuring sustainable extraction that supports both industry and nature.

Each load delivered direct from sea removes significant, more impactful materials movements.

250 20 tonne lorry loads,
5 x 1000 tonne badges or
55 x 90 tonne train hoppers

Product Strengths

- **High-density concrete ballast (1.5 – 5 t/m³)** — delivers maximum weight with minimal volume
- **Engineered for offshore renewables** — supports floating and fixed wind-turbine foundation applications
- **Custom mix designs** — tailored to project requirements and placement methods

Applications

- Offshore **wind farms, tidal energy, and floating platform stabilisation**
- Suitable for **floating tower bases, anchor blocks, and gravity-based foundations**
- Used in both **precast** and **in-situ pumped** applications

Performance & Installation

- **Proven durability** in harsh marine environments
- **Fast, efficient installation** using local production and batching facilities
- **Reduced footprint** — more ballast weight, less structural volume

Sustainability & Compliance

- Complies with MARPOL and IBC codes for environmental protection
- **Reduced life-cycle carbon impact** through local sourcing and optimised design
- **Safe, non-toxic alternative** to traditional ballast materials
- **Recyclable** at the end of the asset's use, ballast can be safely removed and recycled

Reliability

- **Backed by Tarmac's marine engineering expertise**
- **Proven track record** in production and placement
- **Consistent quality control** ensures long-term performance and durability

Tarmac Marine Aggregates. National Impact.

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REINVENT
THE WAY
OUR WORLD
IS BUILT