

Armourstone plays a critical role in coast protection by serving as a natural and highly effective defence against coastal erosion, storm surges, and wave impacts.

Armourstone is a coarse rock available from a size range within the BS EN 13383 specification. It's an effective choice for the protection of shorelines, structures and rivers offering long lasting wave dissipation and scour protection.

Armourstone is a form of hydraulic engineering used to disperse wave energy and reduce the impact of waves crashing against any shoreline infrastructure. It also boasts excellent drainage properties in order to maintain the structure of the land.

APPLICATIONS

- ▶ Coastal Management: We can find you a ideal solution to mitigate any signs of erosion
- Urban Infrastructure: Prevents the deformation of surrounding architectural projects and buildings
- ▶ Shoreline Protection: Prevents erosion caused by wave action and currents by reducing the water's ability to carry away soil
- Breakwaters: Structures that reduce the force of waves before they reach the shore.
- Revetments: Sloped structures placed along shorelines to absorb wave energy.
- ▶ **Seawalls:** Vertical structures that protect against wave action and storm surges.
- **Groynes:** Structures that extend into the sea to trap sand and prevent beach erosion.

SPECIFICATION

Size Range: 45/125mm, 63/180mm, 90/250mm, 45/180mm,

90/180mm

Specification: BS EN 13383 pt 1, 2002

AGGREGATE MATERIAL DATASHEET

Material: Armour Stone BSEN 13383-1 Aggregate Petrographic Group: Granite

Supply Plant: Glensanda Quarry, Rhugh Garbh Depot, Barcaldine,

Oban, Argyll, PA37 1SE

SIEVE SIZE (mm)	TYPICAL GRADING	SPECIFICATION
	As required	





SUSTAINABILITY & LOCAL SOURCING

ENERGY USE AND GREENHOUSE GAS EMISSIONS:

Aggregate Industries is at the forefront of sustainability and has committed to reducing both energy and greenhouse gas intensity 5% year-on-year.

RECYCLABLE

100% of the product can be recycled thus reducing the amount of material that is sent to landfill.

MANUFACTURING LOCATION: Produced in the UK, with locally sourced materials under strict environmental and social legislation, for local supply.

CIRCULAR ECONOMY: We will maximise reuse and recycle, with zero waste to landfill. We improve resource efficiency through reuse, recovery and/or recycling of waste materials in our production processes. Plus, we minimise the generation of both hazardous and non-hazardous waste.

RESPONSIBLE SOURCING: Aggregate Industries is the first company in the world to achieve accreditation to the BES 6001 Framework Standard for the Responsible Sourcing of Construction Products.

Aggregate Industries has achieved a 'Very Good' rating for major product groups. The BES 6001 standard assesses:

- Quality Management
- Environmental Management
- ▶ Health and Safety Management
- Greenhouse Gas Emissions
- Minimising Raw Material Usage
- Labour Practice
- Biodiversity
- Community Engagement

MANUFACTURING STANDARD

All aggregate Industries products are manufactured in accordance with ISO 9001 with factory compliance to ISO 14001.

POLICIES

Aggregate Industries' policies on the environment and community, health and safety and sustainable solutions for different product applications can be viewed on our website www.aggregate.com.

COSHH DATA

Full COSHH data is available on request. Please call **01698 870970** for more information.

TECHNICAL SUPPORT

Detailed guidance and assistance for specification and use of aggregate products is available through the sales office. A free technical service is also available. For further information, please refer to our technical services on **0845 600 0860**.

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