



Gabion stone is a robust and versatile material used extensively in construction and landscaping projects. Known for its strength, durability, and aesthetic appeal, it is a popular choice for creating retaining walls, riverbank reinforcements, and decorative landscaping features. Whether used in infrastructure projects or garden designs, gabion stone combines functionality with environmental sustainability.

Gabion stone is an excellent option for projects that demand stability and minimal maintenance. Our material complies with the 6G specification, categorised within Specification for Highways Series 600.

APPLICATIONS

- **Erosion control:** Gabion baskets are filled with rocks or recycled materials to create a natural barrier that slows water flow and prevents soil erosion.
- **Flood control:** Gabion baskets can be used to redirect water flow in areas prone to flooding.
- **Landscaping and Decorative Features:** Gabion stone is a popular choice for creating garden walls, seating areas, or water features, adding a natural aesthetic to outdoor spaces.
- **Noise control:** Gabion walls are increasingly being used as sound barriers along highways and in urban areas, combining functionality with a natural appearance.

- **Retaining Walls:** Gabion stone is commonly used to construct retaining walls for infrastructure projects, preventing soil erosion and providing essential support for roads, bridges, and embankments.

BENEFITS



Flexibility and multipurpose

Gabion structures can be customised to suit a wide range of applications, from large retaining walls to intricate landscaping designs. The flexibility of the cages used to hold the stones allows for creative and functional implementations.



Aesthetic Appeal

Gabion stone provides a natural and rustic look, blending seamlessly with the surrounding environment. It's a popular choice for architects and landscapers looking to create eco-friendly and visually pleasing designs.



Ease of Installation

Gabion systems are relatively straightforward to install compared to other construction methods. The modular design allows for quick assembly, making it an efficient solution for projects on tight timelines.

SPECIFICATION

Material: Gabion (CP 90/180)

Sieve size (mm)	Specification
250mm	98 - 100
180mm	80 - 100
90mm	0 - 20
45mm	0 - 5

SUSTAINABILITY & LOCAL SOURCING

Energy use and greenhouse gas emissions

Holcim UK 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

Holcim UK was the first UK construction company to achieve accreditation to the BES 6001 Framework Standard for the Responsible Sourcing of Construction Products.

Holcim UK 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 Holcim UK's products are manufactured in accordance with ISO 9001 with factory compliance to ISO 14001.

POLICIES

Holcim policies on the environment and community, health and safety and sustainable solutions for different product applications can be viewed on our website www.holcim.co.uk.

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**.

The information contained within this publication was accurate at time of production. However, Holcim UK reserves the right to introduce modifications or changes to detail at any time without notice. No charge is levied for this publication or advice therein, and accordingly the company, its employees and authorised agents can accept no liability whatsoever, either indirectly or directly arising from the use of its products.