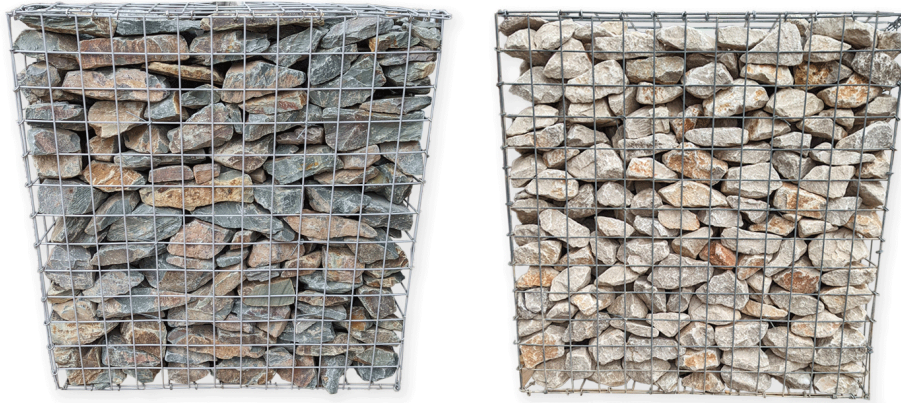


GABION STONE

Technical Specification



AT A GLANCE

Additional Information	
Material	Limestone / Granite
Size	80mm - 300mm
Colour	Off-white / Grey with plum shades
Shape of Stone	Angular and interlocking
Coverage	1 bag = approx 0.6 cubic meters
Conforms to	CLASS 6G
Quarried in	UK
Sourced Responsibly	Conforms to BES 6001
Delivered	Bulk Bag

CERTIFICATION

- All stones are sourced responsibly to the requirements of BES 6001
- Stone meets the recommended standards according to 6G Specification to fill a gabion basket.

PERMITTED CONSTITUENTS FOR PRIMARY GABION FILLS

Natural Aggregates:

Quarried, irregular, angular stone that is durable and not susceptible to weathering or frost damage such as:

- Limestone
- Granite

Cobbles can be used as gabion fill for low height structures. Due to lower interlock potential, 5mm gabion mesh should be used to avoid deformation to the face of the gabion.

Recycled Aggregates:

Crushed concrete – Sufficient clean and correctly graded crushed concrete should be obtained from a reliable source. Demolition waste is not permitted.

PERMITTED CONSTITUENTS FOR SECONDARY FACING FILLS

Regular shaped materials such as bricks, blocks or cut slate is permitted for use only as an aesthetic facing in a layer (max 300mm thickness) to exposed faces of a gabion wall.

Permitted Properties Required for Acceptability	
Effective angle of internal friction, Φ'	Lower acceptable limit = 35°
Los Angeles Coefficient	Upper acceptable limit = 50
Effective cohesion, c'	0 kPa
Grading	100mm to 200mm

COMPACTION REQUIREMENTS

Gabions should be fair faced (hand packed using selected stones on the exposed faces). Machine filling should be undertaken in layers not exceeding 400mm and fill material should be arranged as necessary to achieve a maximum void ratio of 40%.