

FREE SAMPLE SERVICE

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Gabion Stone

Sourced from Smiths' Ardley Quarry, our gabion stone is commonly used as the fill material for gabion baskets.

These baskets are widely used within ground stabilisation works and are commonly specified for retaining walls, terraced landscaping, river and stream banks, embankments and bridge abutments. Gabion systems offer a relatively simple and effective solution, formed by filling specialist wire baskets with stone, stacking them on a prepared base and, in some cases, securing them using ground anchors.

Our Ardley gabion stone is a crushed limestone and is available in a range of sizes to suit different project requirements. The most commonly used size is 200–100mm, although 150–75mm and 25–40 stones are also used for specific landscaping and engineering applications. Please note that all stone sizes are approximate.

The combination of natural stone and the flexibility of gabion basket sizes has opened up a wide range of uses. In addition to civil engineering applications, gabion stone is increasingly used in creative landscaping designs for public spaces as well as private gardens.



Gabion Basket Systems

Gabion baskets themselves are manufactured and supplied by specialist systems providers and are available in a variety of formats to suit different applications. Commonly, baskets are produced using either welded or woven wire mesh, with the choice of system typically determined by the project designer, engineer, or contractor.

Welded mesh baskets are often selected where a more regular and uniform face is required, such as architectural features, cladding, or freestanding landscape walls. Woven wire systems offer greater flexibility and are commonly specified for civil engineering works, where structures may need to accommodate movement or settlement over time.

Smiths supplies the stone fill material used within these systems and can advise on suitable stone sizes and quantities to meet project requirements.

Specifications and information

If you require further advice, information or specifications on this product, please visit our website where you can find full details of our gabion stone. You can also contact our sales or technical teams to discuss your requirements.

Nationwide delivery

Delivery can be in large bags or in bulk (loose) throughout most of mainland Britain - but please do get in contact to confirm delivery details.

Sales department: **01869 331281** | Email: **Info@smithsbletchington.co.uk**



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Your choice...

One option is for the whole basket to be filled with 200–100mm Smiths' gabion limestone, or smaller sizes where required. This creates a strong and economical wall with warm Cotswold colours visible on the face. A 1 cubic metre gabion basket requires approximately 1.7 tonnes of stone.

A second option is to face the basket with Cotswold walling stone and then fill the remainder with 200–100mm gabion stone. This provides an attractive Cotswold walling appearance while retaining the strength and flexibility of a gabion system.



Installation and Project Delivery

The manufacture, specification, and installation of gabion basket systems are undertaken by specialist contractors and manufacturers, such as **Maccaferri**, who provide engineered solutions for both landscaping and civil engineering projects.

Depending on the system specified, baskets may be machine filled, stacked on prepared bases, and adapted to accommodate services where required. The selection of basket type, fixing method, and construction approach should always be determined by the appointed project team, taking into account site conditions and design intent.

Smiths' role is to supply high quality limestone aggregate that performs reliably within these systems, supporting both structural integrity and visual finish.

The choice is yours.



Case study...

Such creativity was used in a new venture on Kevin McCloud's Grand Designs television programme. His desire to build affordable eco homes in Swindon featured small welded areas made from gabion baskets, which not only separated gardens but also doubled as attractive dustbin stores.

Further advice and information can be obtained by telephoning our Technical Department on [01869 331281](tel:01869331281) or email info@smithsbletchington.co.uk

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