

Forticrete[®]stone

Confidence you can build on



Anstone[®] and Shearstone[™] Walling

Recreate the appeal of natural stone walling with confidence



Shearstone™ Banes
Weathered Cottage
at Barratt Homes,
Somerset.

Forticrete Anstone® and Shearstone™ walling stone. The cost effective alternative to natural stone.

Forticrete Walling Stone has a history that cannot be matched, having provided a cost-effective alternative to natural stone since the 1920's.

Both Anstone® and Shearstone™ products are available in Standard colour ranges and the enhanced Premier range, which provides yet further colour options combined with an appearance and weathering qualities that are almost indistinguishable from natural stone. All of the products are through-coloured, and may be dressed on site to suit individual requirements, while retaining the original colour and texture. In addition to the Standard colour ranges, Forticrete also has the facility to manufacture non-standard colours to meet specific needs.

Cover Photograph

Anstone® Brown Old
Weathered Pitched and
Cast Stone™ dressings in
Bath at Whitehouse Loan,
Edinburgh.

Texture

The Forticrete Anstone® and Shearstone™ ranges offer a choice of the three most popular types of natural stone finish.

Split

The most cost-effective type of finish, for housing and landscaping, popular throughout Britain.

Pitched

A rugged effect, in which each block has a raised centre, is typical of quarry dressed stone.

Cottage

A rough irregular shape which replicates stone traditionally walled in its quarried state, more prevalent in the South West of England and in Wales.

When these options are combined with carefully selected colour ranges, Anstone® and Shearstone™ give you the ability to match the regional vernaculars throughout the UK.



Split



Pitched



Cottage

Composition and manufacture

Anstone® and Shearstone™ products are manufactured from a carefully controlled mixture of graded limestone and other natural aggregates, cement and pigments, in accordance with national product standards for reconstructed stone masonry units. They meet the statutory requirements of the relevant section of The Building Regulations 2000 and The Building Standards (Scotland) Regulations 1990 (amended 2001).

All Forticrete Stone manufacturing facilities are BSI registered and operate to the requirements of BS EN ISO 9001:2008 and BS EN ISO 14001:2004 – the national and international standards for quality and environmental management systems.

Thermal Conductivity: as Table 3.1, CIBSE Guide A:2007:

Protected: 1.45 W/mK

Exposed: 1.56 W/mK

Typical Dry Material Density: 2050 Kg/m³

Mean Compressive Strength: 25 N/mm²

Coverage: Dependent on the combination of units chosen

Fire Resistance: Class 1A

Drying Shrinkage: Forticrete Walling Stone products have a drying shrinkage value of less than 0.06%

Permeability: Typical 24 hour water absorption = 6%



Anstone® Premier Olde Heather
Gold Pitched at Orion Homes,
Halifax.



Anstone® Brown Old Weathered Split,
at the High Lane Health Centre,
Stockport.

Anstone®

Anstone® walling products have been developed to match and blend in with the natural stone types found in Northern Britain. Specific examples of this are Olde Heather Black which is an excellent match for weathered Pennine Sandstone and Regency Buff and Olde Heather Gold which correspond to the Yorkshire Sandstones. In Scotland we find that Buff, Black Old Weathered, Brown Old Weathered and of course Borders Red are all popular and complement the natural stone types of the country. All products can be supplied Split or Pitched depending on the requirements of the client.



Anstone®



Anstone® Olde Heather Black Split at Miller Homes, Yeadon, West Yorkshire.



Anstone® Brown Old Weathered Pitched and Cast Stone dressings in Bath at Whitehouse Loan, Edinburgh.

Anstone® Standard Range

Available in Split, Pitched and Cottage finishes



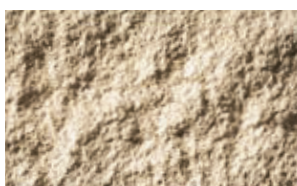
Black Old Weathered



Brown Old Weathered



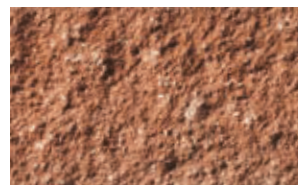
Buff



Natural

Anstone® Premier Range

Available in Split or Pitched finishes



Borders Red



Olde Heather Black



Olde Heather Gold



Regency Buff

Product range and typical dry weights

COURSE HEIGHT 65mm	<p>3.0 kg</p>	<p>4.0 kg</p>	<p>*Split and Pitched only</p> <p>6.1 kg</p>	COURSE HEIGHT 215mm
	<p>13.0 kg</p>	<p>19.0 kg</p>	<p>21.5 kg</p>	
COURSE HEIGHT 140mm	<p>6.3 kg</p>	<p>8.4 kg</p>	<p>12.6 kg</p>	COURSE HEIGHT 215mm
	<p>13.0 kg</p>	<p>19.0 kg</p>	<p>21.5 kg</p>	

Shearstone™

The broad Shearstone™ range of colours and finishes recaptures the tradition of many of Britain's most appealing types of natural stone. The Light Ham of Somerset and the Buff of the Cotswolds are just two examples of stone types admirably mirrored in the Shearstone™ range. Banes Weathered has been produced to meet planning requirements in Bath and North East Somerset. And Pentstone was created to match the local Grey Multi stone of Bristol and South Wales.



Shearstone™



Shearstone™ Light Ham Cottage at David Payne Homes, Greet, Gloucestershire.

Shearstone™ Premier Range

Available in Split, Pitched and Cottage finishes



Banes Weathered (C)



Ironstone (C)



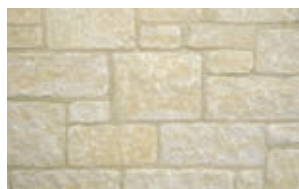
Light Ham (C)



Pentstone (S)



Priory Olde Heather (P)



Purbeck Olde Heather (C)

HELPFUL HINT: The strength of the mortar should always be weaker than that of the stonework. Your mortar supplier should be able to provide suitable advice.

Control Joints

Consideration should be given to the creation of suitable movement control joints, full recommendations for which are given in the Forticrete Masonry Design Guide. Generally, control joints for walling stone should be spaced at a maximum of 6m centres.

Product range and typical dry weights

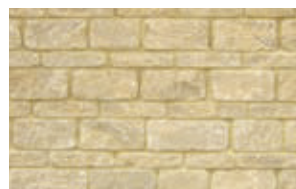
COURSE HEIGHT 65mm	COURSE HEIGHT 140mm
<p>3.0 kg</p>	<p>6.3 kg</p>
<p>4.0 kg</p>	<p>8.4 kg</p>
<p>*Split and Pitched only</p> <p>5.0 kg</p>	<p>10.7 kg</p>

COURSE HEIGHT 215mm	*Split and Pitched only
<p>13.0 kg</p>	<p>19.0 kg</p>

NB: All components except 440 x 215 are textured on at least one end. 440 x 215 has smooth ends as standard. Textured ends are available to special order. This product is also available in a limited colour range, please call the sales office for information.

Shearstone™ Standard Range

Available in Split, Pitched and Cottage finishes



Blackmoor Olde Heather (C)



Cotswold Village (C)



Milbourne Olde Heather (C)



Mid Grey (C)

The reproduction of colour is as close as possible within the photographic and printing processes. Where precise colour tolerances are vital, you are advised to view actual product samples.

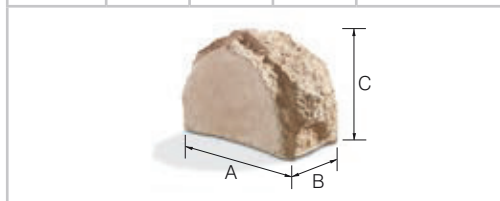
Specials

Forticrete's range of detailing products, including cappings and quoins have been developed to meet our clients' specific needs. Bespoke detailing can be manufactured.



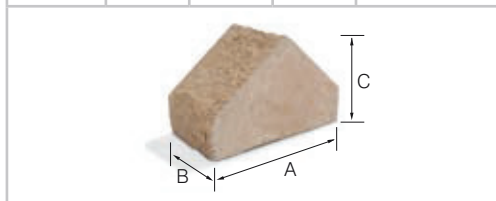
Half round cappings face options: Split; Pitched; Cottage

Code	A	B	C	Approx weight
HR-A	225mm	65mm	140mm	3.7kg
HR-B	225mm	140mm	140mm	8.1kg



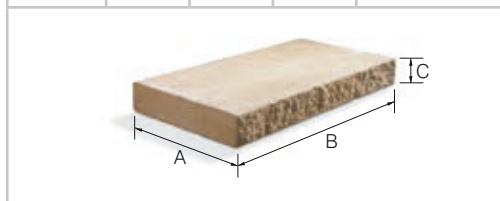
Saddleback cappings face options: Split; Pitched; Cottage

Code	A	B	C	Approx weight
SBC225-A	225mm	65mm	150mm	3.1kg
SBC225-B	225mm	140mm	150mm	6.7kg



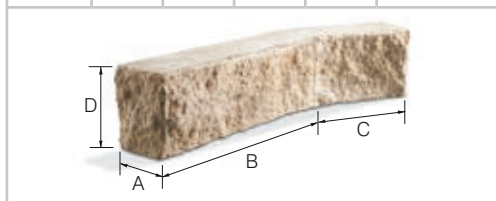
Flat cappings face options: Split

Code	A	B	C	Approx weight
AC-A	150mm	600mm	65mm	12.9kg
AC-B	300mm	600mm	65mm	25.5kg



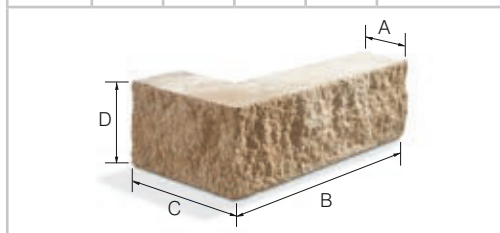
135° internal quoins face options: Split; Pitched

Code	A	B	C	D	Approx weight
IQ135-A	100mm	440mm	215mm	65mm	9.8kg
IQ135-B	100mm	440mm	215mm	140mm	21.1kg



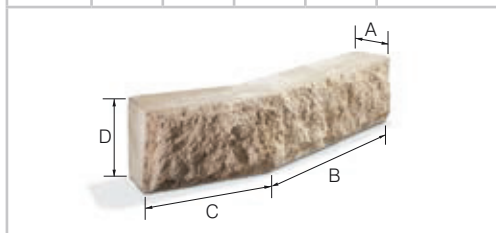
90° external quoins face options: Split; Pitched

Code	A	B	C	D	Approx weight
EQ90-A	100mm	440mm	215mm	65mm	7.8kg
EQ90-B	100mm	440mm	215mm	140mm	16.8kg
EQ90-C	100mm	440mm	215mm	215mm	25.9



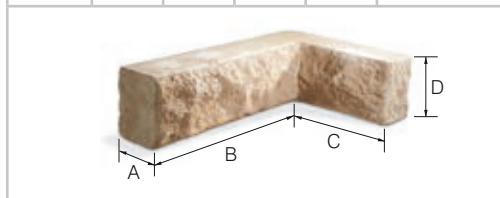
135° external quoins face options: Split; Pitched

Code	A	B	C	D	Approx weight
EQ135-A	100mm	440mm	215mm	65mm	8.7kg
EQ135-B	100mm	440mm	215mm	140mm	18.8kg
EQ135-C	100mm	440mm	215mm	215mm	28.8kg



90° internal quoins face options: Split; Pitched

Code	A	B	C	D	Approx weight
IQ90-A	100mm	440mm	215mm	65mm	10.7kg
IQ90-B	100mm	440mm	215mm	140mm	23.1kg



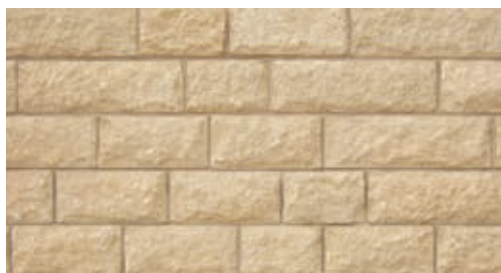
Bonding patterns



Shearstone™ Priory Olde Heather Cottage at Backwell, Bristol.

Combining different sizes of Walling Stone units will create patterns that lend a natural appeal to your building.

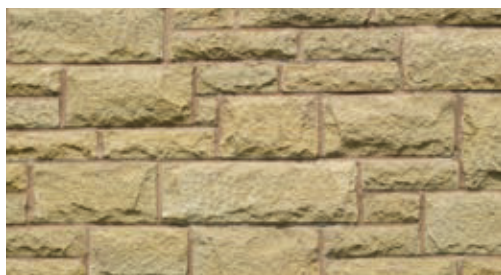
These are some of the most popular:



Random Lengths (P)



Random Coursed (C)



Random Mix (P)



Scottish Mix (S)

Pack information

Anstone®

Size (mm)	Number per pack	Number per m ²	Number per m ² per pack	Approx weight per pack (tonnes)
225x65	344	57	6.06	1.1
300x65	258	43	6.00	1.1
450x65*	172	29	5.93	1.1
225x140	152	28	5.36	1
300x140	112	22	5.21	1
450x140	76	14	5.24	1
300x215	88	14	6.14	1.2
450x215	60	10	6.21	1.2

*Not available in Cottage face

For Shearstone™ products only, due to our manufacturing process, 375x140 mm and 225x140 mm will be supplied in a ratio of two packs to one.

Shearstone™

Size (mm)	Number per pack	Number per m ²	Number per m ² per pack	Approx weight per pack (tonnes)
225x65	374	57	6.59	1.2
300x65	252	43	5.86	1
375x65*	186	34	5.37	1
225x140	170	29	5.99	1.1
300x140	126	22	5.86	1
375x140	84	17	4.85	1
300x215	72	15	5.02	1
440x215*	64	10	6.48	1.3

Typical load size: 130m²



Complementary products for detailing, roofing & landscaping



Cast Stone dressings on Alpha Homes, Kibworth Beauchamp.

Cast stone dressings

To complement the Walling Stone products, Forticrete create a broad range of Standard Cast Stone Dressings in a variety of profiles and these are available either ex-stock, as Stone In Stock™ or cast from standard moulds, to shorten lead times. Forticrete also have the capability to create purpose-made dressings to precise specifications and these options are detailed in separate literature, which is available on request from the sales office.

Tel: 01909 775000 Fax: 01909 773549

E-mail: caststone@forticrete.com



Ember Hardrow® Slates Duets® on Charles Church Homes, Staynor, near Selby.

Forticrete roofing products

Forticrete's ability to replicate natural materials cost-effectively extends to a range of the most established and the most innovative roof tiles and slates. Products that replicate the appeal of natural stone, slate, traditional plain tiles or pantiles but with many practical and environmental advantages. Used in conjunction with Walling and Cast Stone products, they provide a single-source solution to creating a home's complete external envelope.

Tel: 01525 244900 Fax: 01525 850432

E-mail: roofing@forticrete.com



Kiveton Natural Raked Battered Walling at Anstone, Kiveton Park, Sheffield.

Kiveton Walling™

Evoking the old-world charm of a mason-crafted wall, Kiveton Walling™ is a unique product that uses the colour range from Anstone® Walling and has been developed by Forticrete to provide free standing landscape or retaining walls. It is designed for use on small landscaping or large civil engineering projects and is available in a range of colours and face finishes that match many of the regional stone variations prevalent throughout the UK.

Tel: 01909 775000 Fax: 01909 775043

E-mail: walling@forticrete.com



Product samples

The colours reproduced within this brochure are as accurate as the photographic and printing processes will allow. Where colour matching is critical, you are advised to view actual product samples.

These are readily available via our Anstone office by calling **01909 775000** or the sample request area of our website – **www.forticrete.co.uk**

For larger projects, sample panels can be provided.

Anstone® and Shearstone™ Walling enquiries:

Forticrete Limited,
Anstone, Kiveton Park Station,
Kiveton Park, Sheffield
S26 6NP

Tel: 01909 775000

Fax: 01909 773549

Email: walling@forticrete.com

Information on the complete range of Forticrete products can be found on the Internet at **www.forticrete.co.uk**

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In order to maintain its position as a market leader, Forticrete operates a policy of continuous product development and therefore reserves the right to alter specifications without notice.

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