

Forticrete stone



Stone in Stock™  Scottish Range

A superb range of the highest
quality detailing components



The finest cast stone dressings, readily available and close to you

Forticrete's Stone In Stock™ Scottish Range is a selection of the highest quality Cast Stone detailing components available off-the-shelf in buff colour.

- Expert technical advisory service available.
- The only Cast Stone Dressings to be Kitemarked by the BSI.
- Manufactured to the international quality standard BS EN ISO 9001:2000.
- Manufacturing facilities certified to the international environmental standard ISO 14001 and responsible sourcing standard BES 6001.



Scan the QR code with your smartphone for instant access to our Stone in Stock™ products.



Stone in Stock™ Scottish Range range has been carefully chosen to offer a selection of the most widely used detailing components.

- Available ex-stock for collection on commercial vehicles or delivery can be arranged.
- Local sales support.
- Eliminates long lead-times and high levels of stock on site.
- Designed and dimensioned to co-ordinate with stone, brick or render.
- Suitable for timber frame or conventional brick and block construction.
- All components are through coloured (homogeneous mix).
- A range of other standard colours and components available to order.



Available in buff colour

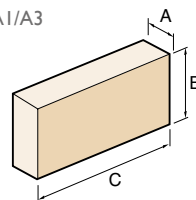
All Forticrete Cast Stone products are manufactured under an ISO 9001:2008 quality management system. Products that meet the specific requirements of the harmonised standards EN 771-5:2011 - Manufactured stone masonry units, and EN 845-2:2003 - Lintels, will be CE marked accordingly. Declarations of Performance are available at www.forticrete-ce.com. All other products will continue to be manufactured in accordance with the United Kingdom Cast Stone Association's Technical Specification, and also BS 1217:2008 - Cast Stone; BS 5642-1:1978 - Specification for window sills of precast concrete, cast stone, clayware, slate and natural stone; and BS 5642-1:1983 - Specification for copings of precast concrete, cast stone, clayware, slate and natural stone.

Regency Ashlar and Quoins

Code	A	B	C	D	E	Weight (Kg)
A1	100	215	440	-	-	20
A3	150	215	440	-	-	30
Q2	100	215	330	215	-	20
Q5	100	215	440	215	-	25
Q11	118	215	348	233	100	24

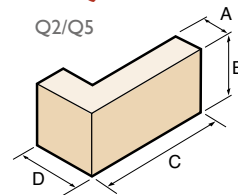
Regency Ashlar

A1/A3



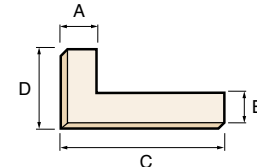
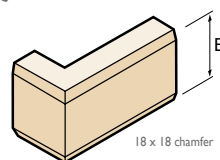
Plain Quoins

Q2/Q5



Chamfered Quoins

Q11

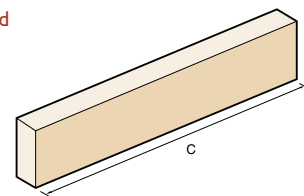


Heads Forticrete decorative heads are non-loadbearing.

Code	A	B	C	Weight (Kg)
DH2-1105	100	215	1105	50
DH2-1405	100	215	1405	63
DH2-1547	100	215	1547	70

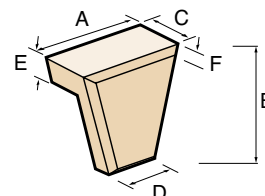
Rectangular decorative head

DH2



Keystones

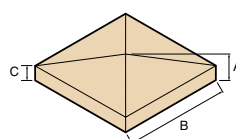
Code	A	B	C	D	E	F	Weight (Kg)
CK2	305	290	165	150	65	18	13



CK2 suits a DH2 and DH11 head

Pier cap

Code	A	B	C	Pier size	Weight (Kg)
PC2	125	425	75	327 x 327	35

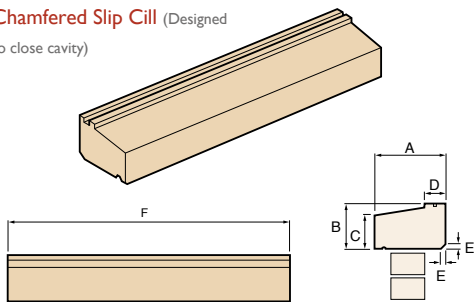


We recommend that spheres/caps be fixed in accordance with Forticrete Technical Data Sheet CSD/SPH001, a copy of which is available on request. The spheres will be supplied with the appropriate dowel.

Cills

Code	A	B	C	D	E	F	Kg Per Lin/M
SC10-900	215	140	105	65	18	900	55
SC10-1200	215	140	105	65	18	1200	55
SC10-1500	215	140	105	65	18	1500	55
SC12-900	245	140	105	65	18	900	62
SC12-1200	245	140	105	65	18	1200	62
SC12-1500	245	140	105	65	18	1500	62

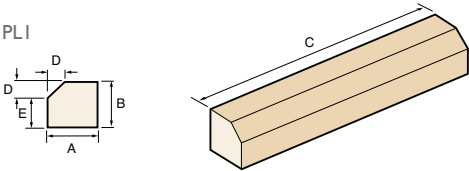
Chamfered Slip Cill (Designed to close cavity)



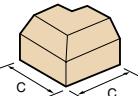
Plinths

Code	A	B	C	D	E	Weight (Kg)
PL1	150	140	890	50	90	37
PL1-90Ext	150	140	215	50	90	12
PL1-90Int	150	140	215	50	90	12

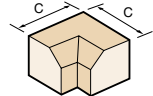
PL1



PL1-90EXT

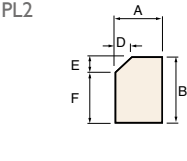


PL1-90INT

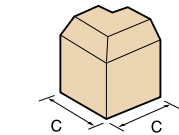


Code	A	B	C	D	E	F	Weight (Kg)
PL2	150	215	440	50	50	165	29
PL2-90E	150	215	215	50	50	165	18
PL2-90INT	150	215	215	50	50	165	18

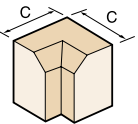
PL2



PL2-90E



PL2-90INT



Code	A	Kg
SC10-90E	265	17
SC12-90E	265	19

90° Slip Cill

Slip Cills forming 90° at Bay

Code	A	Kg
SC10-135E	236	20
SC12-135E	236	22

135° Slip Cill

Slip Cills forming 45° at Bay

* Specify on ordering
† Designed for use with render

Coping

Copings and cappings should be installed in accordance with BS5628: Part 3, 2005, section 5.5.7.13.

Code	A	B	C	D	Weight (Kg)
TW315	315	50	890	75	37





Stone in Stock™ qualifies as ECOWALL® under Forticrete's unique marking scheme, signifying that it conforms to a specified range of environmental criteria.

General specifications

Forticrete Cast Stone Dressings are manufactured from high grade limestone and sandstone aggregates that have been chosen for their known performance and reliable quality. The cement, pigments and waterproofing agents all conform to their appropriate British or European Standard.

Forticrete Cast Stone Dressings are created from an homogeneous mix, without using a 'backing' material. This ensures that no undue stresses are built up within the unit.

The major technical performance characteristics of Forticrete Cast Stone Dressings exceed the requirements of BS EN 771-5:2011, BS EN 845-2, BS 1217 and the United Kingdom Cast Stone Association specification.

Normalised compressive strength:

Category I, 25N/mm² (perpendicular to bed face)
(BS EN 771-5:2011)
In excess of 35N/mm² (BS 1217 and UKCSA Specification)

Density:

Gross Dry Density: 2000kg/m³

Thermal conductivity 'K':

1.00 W/mK

Water absorption (typical):

<2g/m².s

Drying shrinkage:

Less than 0.04% and is freeze thaw resistance.

Weathering

Weathering class: CAT to BS 1217 and UKCSA Specification.

Factors such as design, detailing, exposure, climate and local environment all contribute to the way in which Cast Stone will weather. Forticrete Cast Stone will weather in much the same way as natural stone in similar circumstances.

Mortar

Mortar used for the installation of Cast Stone Dressings should not be stronger than Designation III (1:1:5/6).

Handling reinforcement

Any units over 600mm in length contain one or more steel bars. These are included to comply with Health and Safety Regulations, relating to the handling of the product by site operatives.

Fixings for support, restraint and handling

Some Forticrete Cast Stone Dressings will incorporate 100mm stainless steel dovetail slots to restrain lateral movement in vertical units i.e. window jambs, door jambs etc. M16 sockets may also be used for handling purposes and other fixings may be incorporated to assist with construction on site. Please discuss your requirements with us.

Structural properties

Unless otherwise agreed with Forticrete, all cast stone units are decorative and are not designed to be load bearing. The structural stability of all units in their finished state should be approved by the structural engineer carrying out the overall design for the project. Wind loading on large window features, sections of stonework, supporting lintels and fixings to cast stone units should also be considered early in the design process.

Due care and attention should also be given to the differential shrinkage and expansion rates between clay and cast stone units when employed in combination.

Site operatives must be made aware of the need to support and protect all cast stone units in their temporary state to negate the risk of any load being implied upon them whilst construction is taking place e.g. window heads.

Inserts and anchor slots can easily be incorporated into cast stone for restraint and for lifting at the request of the specifier/designer. However, if any unit is to be hoisted with more than one lifting socket, this should be carried out in conjunction with a spreader beam to eliminate any bending action of the unit. Forticrete may use lifting sockets to transport units at the source of manufacture. The use of such sockets on site should be checked with the factory of origin.

Forticrete are able to offer guidance on all areas of design and can be contacted via the telephone number on the back of this brochure.

Control joints

Consideration must be given to the creation of suitable movement control joints, full recommendations for which are given in the Forticrete Architectural Products Design Guide. Generally, control joints for Cast Stone should be spaced at a maximum of 6m centres.

Dimensional tolerances cast stone	
Unit Length	Tolerance
0-600mm	±2mm
601-1000mm	±3mm
1001-2500mm	±4mm
2501-4000mm	±5mm
>4000mm	±6mm

Forticrete[®] stone



Anstone[®] and Shearstone[™] walling stone



Recreate the appeal of natural stone walling with confidence.

With the appearance and weathering qualities that are almost indistinguishable from natural stone, the popular finishes - split, pitched and cottage are available in colours specifically designed for regions throughout the UK.

For sales enquiries please contact our Anstone office on **01909 775000**
Email us at walling@forticrete.com
or visit www.forticrete.co.uk



Walling stone

Forticrete[®] roofing



Roofing products



Replicating natural materials cost-effectively with innovative roof tiles and slates.

With many environmental and practical benefits, Gemini, Hardrow Stone Slates, Minislate, and the low pitch Centurion 10 tile offer a roofing solution for everyone. A full range of complementary dry fix and ventilation systems are available.

For sales enquiries please contact our Leighton Buzzard office on **01525 244900**
Email us at roofing@forticrete.com
or visit www.forticrete.co.uk



Roofing

Forticrete[®] masonry



Linear

Elegant, colourful and wonderfully long concrete bricks.

A multitude of colours together with textures ranging from simple textured to highly polished - the Linear range has been created to give architects the flexibility to create distinctive exteriors.

For sales enquiries please contact our Anstone office on **01909 775000**
Email us at masonry@forticrete.com
or visit www.forticrete.co.uk



Linear



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**.

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Anstone is a registered trademark of Ibstock Brick Ltd.

All relevant Forticrete products are CE marked. Declarations of Performance are available at www.forticrete-ce.com

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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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www.forticrete.co.uk

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Ibstock
Building
Products

A building family of exceptional brands

