

DWH Range

The information in this collated and based on information as per approved on application 22/01190/FUL:

- Materials Layout (1 of 2) (Ref. H8544-BAH-XX-XX-DR-UD-203150, Rev. 005
- Materials Layout (2 of 2) (Ref. H8544-BAH-XX-XX-DR-UD-203151, Rev. 005
- Design and Access Statement Addendum prepared by E*scape Urbanists, dated July 2024

Character Area 3 (David Wilson Homes)

Description	Southern parcels. Strong relationship with proposed public open space along southern boundary.
Building Types	Detached/Semi-Detached/Townhouses
Density	35 dph
Building Materials	Forticrete: Black Old Weathered Split finish / Betley Cottage Blend / Hardwicke Welbeck Autumn Antique
Secondary Materials	Russell Grampian Slate Grey (Roof coverings)/ Ibstock Ravenhead Smooth Red (Detail brick) / Ibstock Ravenhead Smooth Red (Detail brick)
Building Heights	Maximum 2.5 storey
Townscape Features	Raised tables at intersections with central green corridor / Organic street pattern characterised by gently meandering streets / Houses stepping down slopes / Header Buildings
Building setbacks	Varies. 2.0 - 6.4m
Street Typologies	Primary Streets / Secondary Streets / Shared Drives
Parking Typologies	Frontage / Side Drives / Side Garages
Landscape Features	Strong interface with proposed areas of POS along southern boundary including attenuation basins and play area/ Retained trees along existing ditch



Typical Detailing:

- Contrasting brick plinths
- Traditional 6 panel front doors with rectangular fanlights
- Mock sash windows
- Front bay windows
- Brick corbals
- Flat Arch Brick Lintels
- Georgian style door surrounds

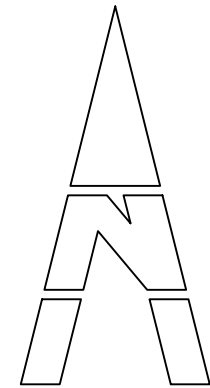




Example of DWH Type



Warning to House Purchasers
Buyers are warned that this is a working drawing and the contents of this drawing may be subject to change during the build process. The layout, form, content, and dimensions specified are included for general guidance only. Prospects of features shown may differ in respect of individual properties. What we make every effort to ensure no drawings are up to date and that they are not used in any way as a basis for any claim or warranty. No liability is accepted for any errors or omissions. Purchasers are advised to check with Sales Advisor whether any alterations have been made to this drawing. The contents of this drawing do not constitute a contract, part of any contract or warranty unless specifically incorporated into the contract. They should not be relied upon for the purposes of entering into a contract to purchase any property.



Materials Palettes- DWH

- Materials Palette 06**
- Facing Brick - Isotock Minster Sandstone
 - Detail Brick - Isotock Ravenhead Red Smooth
 - Roof Material - Russell Grampian Slate Grey
 - Stone Cills - Forticrete Cast Stone Bath
 - RW Goods - Colour Black
 - Front Doors - Colour Black
 - Garage Doors - Colour Black
 - Windows - White uPVC

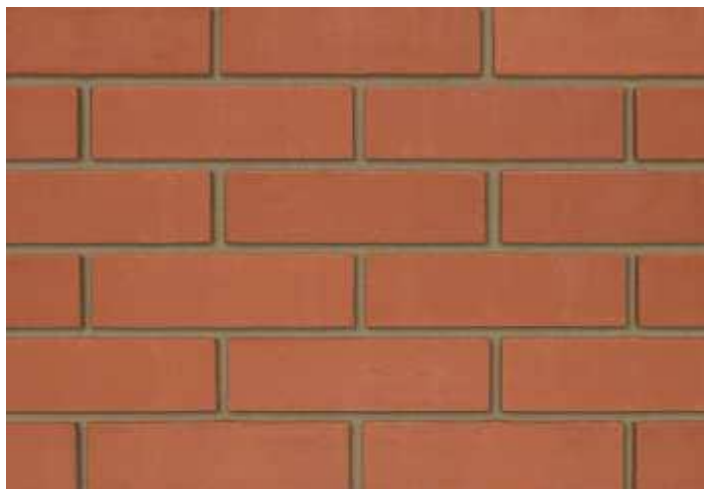
- Materials Palette 07**
- Facing Brick - Claderstone Claret
 - Detail Brick - Isotock Ravenhead Smooth Red
 - Stone Cills - Forticrete Cast Stone Bath
 - Roof Material - Russell Grampian Slate Grey
 - RW Goods - Colour Black
 - Front Doors - Colour Black
 - Garage Doors - Colour Black
 - Windows - White uPVC

- Materials Palette 08**
- Facing Brick - Ormond Antique Blend
 - Detail Brick - Isotock Ravenhead Smooth Red
 - Stone Cills - Forticrete Cast Stone Bath
 - Roof Material - Russell Grampian Slate Grey
 - RW Goods - Colour Black
 - Front Doors - Colour Black
 - Garage Doors - Colour Black
 - Windows - White uPVC

Revision	Description	Date	Design By
Project: Crown Top			
Materials Character Area 3			
Design By	Date	Scale of A3	Revision
CL	05.09.25	1:1000	000
H8544 - BA1 -	XX	-XX-DR-UD-	203154
Do not scale from this drawing. Work to given dimensions only. Any discrepancies are to be reported to Originator. © Barndt Homes Ltd			

Ravenhead Red

Smooth



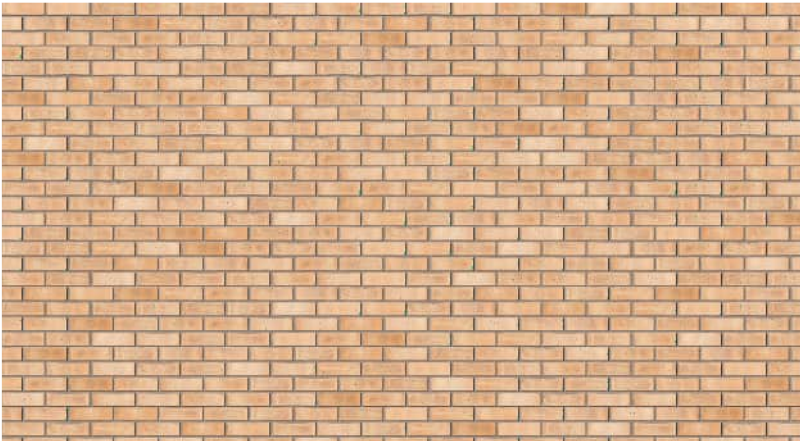
Product Information

Ibstock Code:	3501
Type:	Wirecut
Facing Description:	Smooth
Dry Brick Weight (kg):	2.2kg
Pack Quantity:	500
Packaging (standard):	Banded (plastic)
Factory:	Ravenhead

Technical Specification (to BS EN 771-1)

Brick Dimensions (L x W x H mm):	215x102x65
Size Tolerances Mean & Range:	T2 R1
Configuration:	Vertically Perforated
Voids (%):	23-28
Compressive Strength (N/mm ²):	60
Active Soluble Salts:	S2
Water Absorption (% weight):	9
Durability:	F2
Gross Dry Density (Sound Insulation) (Kg/m ³):	1570
Equivalent Thermal Conductivity "K" value 5% Exposed:	Refer to Ibstock
Initial Rate of Absorption (Suction Rate) (Kg/m ² /min):	Refer to Ibstock
EAN:	5036335020654

Hardwicke Minster Sandstone Mixture

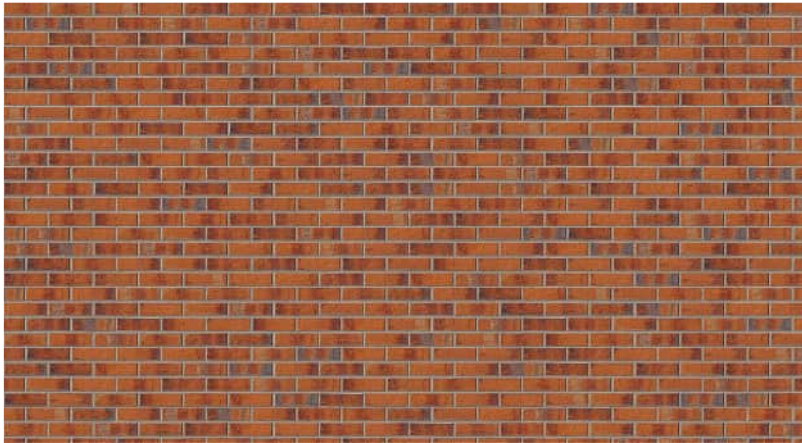


Product Information

Ibstock Code:	A2418A
Type:	Wirecut Extruded
Facing Description:	Rolled
Dry Brick Weight (kg):	1.9kg
Pack Quantity:	475
Packaging (standard):	Banded (Plastic) and Stretchwrap
Factory:	Dorket Head
EPD:	

Technical Specification (to BS EN 771-1)

Brick Dimensions (L x W x H mm):	215x102x65
Size Tolerances Mean & Range:	T2 R1
Configuration:	Vertically Perforated
Voids (%):	NPD
Compressive Strength (N/mm²):	40
Active Soluble Salts:	S2
Water Absorption (% weight):	16
Durability:	F2
Gross Dry Density (Sound Insulation) (Kg/m³):	1390
Equivalent Thermal Conductivity "K" value 5% Exposed:	0.91
Initial Rate of Absorption (Suction Rate) (Kg/m²/min):	1.1
EAN:	5.03634E+12

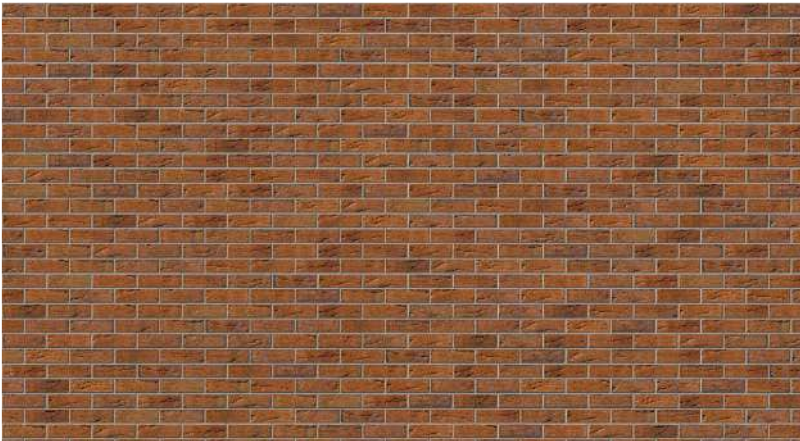


Product Information

Ibstock Code:	A2981A
Type:	Wirecut Extruded
Facing Description:	Sandfaced
Dry Brick Weight (kg):	2.3kg
Pack Quantity:	500
Packaging (standard):	Banded (Plastic)
Factory:	Chesterton
EPD:	HUB-0823

Technical Specification (to BS EN 771-1)

Brick Dimensions (L x W x H mm):	215x102x65
Size Tolerances Mean & Range:	T2 R1
Configuration:	Vertically Perforated
Voids (%):	NPD
Compressive Strength (N/mm²):	60
Active Soluble Salts:	S2
Water Absorption (% weight):	5
Durability:	F2~
Gross Dry Density (Sound Insulation) (Kg/m³):	1640
Equivalent Thermal Conductivity "K" value 5% Exposed:	1.16
Initial Rate of Absorption (Suction Rate) (Kg/m²/min):	0.1
EAN:	5.03634E+12



Product Information

Ibstock Code:	A3518A
Type:	Wirecut Extruded
Facing Description:	Rolled
Dry Brick Weight (kg):	2.2kg
Pack Quantity:	500
Packaging (standard):	Banded (Plastic)
Factory:	Ravenhead

Technical Specification (to BS EN 771-1)

Brick Dimensions (L x W x H mm):	215x102x65
Size Tolerances Mean & Range:	T2 R1
Configuration:	Vertically Perforated
Voids (%):	20-25
Compressive Strength (N/mm ²):	50
Active Soluble Salts:	S2
Water Absorption (% weight):	12
Durability:	F2
Gross Dry Density (Sound Insulation) (Kg/m ³):	1540
Equivalent Thermal Conductivity "K" value 5% Exposed:	1.09
Initial Rate of Absorption (Suction Rate) (Kg/m ² /min):	1.1
EAN:	5036335195383

WE ARE
Cast Stone and more.



Ibstock
At the heart of building

CAST STONE DRESSINGS
CREATING A TRADITION FOR OVER 40 YEARS.

WE ARE at the heart of building.

We offer a diverse range of building products, solutions and expert technical and design services that enable our customers to create inspirational spaces and places.

Everything we do revolves around our valued customers and we continuously strive to exceed their expectations. We pride ourselves on leading for new, innovative and sustainable products and solutions, both for today and for a new era of building.

WE ARE at the heart of building. WE ARE Ibstock.



Bricks and Masonry

Our bricks and masonry range is truly comprehensive. Take the widest brick range in the UK and add in walling stone, architectural masonry, cast stone products and specials and you are sure to find a product for your project.

Facade Systems

With the establishment of Ibstock Futures, Ibstock is demonstrating a clear ambition to grow into the Facades sector. With Ibstock Telling GRC, Mechslip, Nexus and Genbrix we already have some fantastic solutions for this space.

Roofing

Our wide range of concrete roof tiles for the new build housing market, including the innovative SL8 and Gemini products, added to our high quality chimney options from Ibstock Kevington mean we've really got roofing covered.

Flooring and Lintels

A comprehensive range of flooring solutions and lintel products, including high fire rated options – with nationwide coverage delivered through our Supreme and Longley brands.

Staircases and Lift Shafts

Our bespoke high quality, Longley precast staircases and lift shafts are designed to meet your projects exact requirements.

Fencing and Landscaping

Ibstock offers a wide range of products for the fencing and landscaping sector – including high quality concrete fence posts from our Supreme brand or beautiful cast stone balustrades and pier caps from our Ibstock brand.

Retaining Walls

Whether it is a retaining wall solution to prepare a new site or for a major infrastructure scheme – our Anderton brand gives us the products and technical expertise to deliver.

Rail and Infrastructure

Ibstock Rail and Infrastructure combines rail troughs, signal bases, platform copers and other products for infrastructure from our Anderton range – all harnessing the latest in concrete technology to minimise embodied carbon without compromising performance.

Design and Technical Services

We are committed to providing the best possible design and technical support to our customers. From expert advice to a sector-leading training and CPD provision, Ibstock's range of design and technical services are especially configured to give architects and specifiers the access to the support they need at every stage on their project journey – from concept to build.



INTRODUCTION

Ibstock’s Cast Stone manufacturing facilities have been replicating the traditions of natural stone in Britain since 1968.

Today, Ibstock’s Cast Stone Dressings are a perfect example of advanced technology and time honoured craftsmanship working together in perfect harmony. The result is a wide range of standard profiles of semi-dry cast stone products of unrivalled quality with no compromise to aesthetic appeal.

Design freedom: bespoke Cast Stone dressings

In the majority of cases, Ibstock’s skilled craftsmen can fulfil your design requirements for bespoke items and turn them into reality; the only limitation is that Ibstock must be able to de-mould and handle the units. The designs you have in mind may be inspired by classical architecture or more decorative styles. Ibstock’s bespoke service offers you the maximum design freedom, especially when using unusual sizes, intricate or irregular shapes in conjunction with a bespoke colour capability.

It’s the ideal service whether you are including distinctive design touches in a new build project, blending seamlessly into a sensitive environment or undertaking restoration work.

Individual quotations for these items will be provided on receipt of instructions. In the rare instance that your bespoke designs are not achievable, Ibstock’s experienced sales and technical team are able to suggest alternatives that will complement your original ideas.

Design and technical advice are also offered and standard colour samples are promptly available.

For more information, contact our Customer Service team:

E: caststone.orders@ibstock.co.uk

T: 01909 775000 option 3 / option 2

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Colours

Ibstock Cast Stone is available in a choice of six standard colours that are intended to replicate the natural stones available throughout the UK. In common with natural stone, Ibstock Dressings are through coloured.

Bespoke colours

Ibstock has a library of over 100 bespoke Cast Stone colours that can be reproduced with accuracy at any time. Products in these colours can be provided but will incur a supplementary cost.

Naturally high grade

Ibstock’s factories use controlled processing that ensures an accurate mix of the raw materials is produced.

Quality without compromise

All Ibstock Cast Stone products are manufactured under a BS EN ISO 9001 quality management system. Products that meet the specific requirements of the harmonised standards BS EN 771-5 - Manufactured stone masonry units, and BS EN 845-2 - Lintels, will be CE marked accordingly. Declarations of Performance are available at ibstockdeclarations.co.uk.

All other products are manufactured and kitemarked to BS 1217 – Cast Stone and in accordance with BS 5642-1 - Specification for window cills of precast concrete, cast stone, clayware, slate and natural stone; and BS 5642-2 - Specification for copings of precast concrete, cast stone, clayware, slate and natural stone.

We introduced an ‘ECO’ branding scheme for product development some 10 years ago to enable our customers to instantly recognise that our products have high environmental credentials. As a consequence of our manufacturing facilities conforming to the quality standard BS EN ISO 9001, environmental management standard BS EN ISO 14001 and the responsible sourcing standard BES 6001, all of our products carry an ‘ECO’ mark.

Weathering resistance

All Ibstock Cast Stone products are manufactured with water repellent admixtures which reduce both water absorption and penetration.

These admixtures are incorporated in the constituent mix and are therefore an inherent feature of the products even after cutting.

An additional benefit during construction is a reduced initial suction of moisture from the joints, allowing improved curing of the mortar without any loss of adhesion.

Engraving service

Communication is a key requirement in today’s world. Ibstock can offer you engraved cast stone units, which could be simple name stones or logos, or a combination of both. This instantly differentiates your building, making it immediately recognisable and unique.

General notes

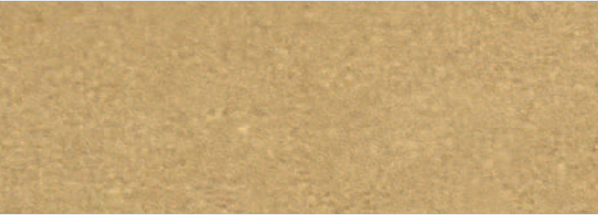
All dimensions shown in this brochure are in millimetres. Stone to stone joints can be either 5mm or 10mm depending upon the size of unit as well as location and method of fixing. See Dimensional tolerances below.

No provision will be made for fixings unless they have been specified or are stated in this brochure.

Any product sold will be sold subject to Ibstock’s current terms and conditions of sale, which are available from our Customer Service Office.



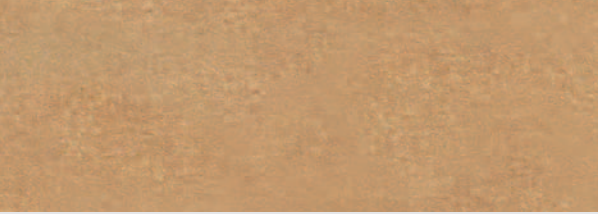
Portland



Bath



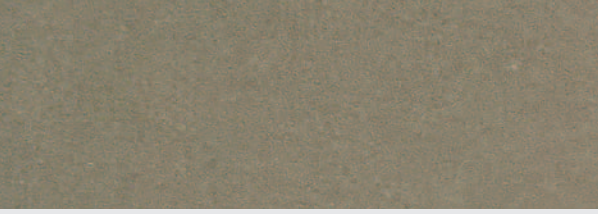
Buff



Holyrood



Glamis Red



Sherwood

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

Stone in Stock

A number of standard items are available from stock in the Bath colour. Stone-in stock supplied in Scotland is available in Buff colour.



Multiple Cast Stone elements at a Private House in Doncaster.

General specifications

Ibstock 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 admixtures all conform to their appropriate British or European Standard.

Ibstock Cast Stone Dressings are created from a 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 Ibstock Cast Stone Dressings comply with the requirements of BS EN 771-5, BS 1217 and BS EN 845-2 where applicable.

Units manufactured to BS EN 771-5 (ie units with all dimensions 650mm or less and not containing reinforcement or fixings)

Compressive Strength: units to BS EN 771-5:2011 are Category I with a mean normalised compressive strength of 25N/mm² (perpendicular to the bed face).

Gross Dry Density: 2000Kg/m³ Tested to BS EN 772-13

Thermal Conductivity: 1.00W/mK (λ_{10,dry,unit}, S1) based on table value from BS EN 1745 p=50%

Water Absorption: <2g/m².s Tested to BS EN 772-11

Dimensional Stability: <0.4mm/m. Tested to BS EN 772-14

Units manufactured to BS 1217 (ie units with dimensions greater than 650mm or containing reinforcement or fixings)

Compressive Strength: the minimum mean cube compressive strength 35Mpa (N/mm²)

Weathering class: CAT to BS 1217: <1.00mg/mm²

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

Freeze / Thaw Resistance:

As Table 15 of PD6697:2010.

Mortar

Mortar used for the installation of Cast Stone Dressings should not be stronger than Designation III (1:1:5/6) for standard elevations. Refer to Ibstock for other applications.

Handling reinforcement

Any units over 650mm in length contain one or more steel bars (except Caplock Coping). Other units may contain handling reinforcement.

Fixings for support, restraint and handling

Inserts and anchor slots can easily be incorporated into cast stone for restraint and for lifting at the request of the specifier/designer. Some Ibstock Cast Stone Dressings will incorporate 100mm stainless steel dovetail slots to restrain lateral movement in vertical units eg. window jambs, door jambs etc. Other fixings may be incorporated to assist with construction on site. Please discuss your requirements with us.

Pairs of lifting sockets should be used in conjunction with a spreader beam to eliminate any bending action of the unit. If a unit can only use one lifting socket then the contractor will need to take measures to prevent the unit from rotating whilst lifting. Ibstock may use lifting sockets to transport units at the source of manufacture. The use of such sockets on site should be checked with our Technical Department.

Structural properties

All cast stone units are decorative and are not designed to be load bearing, except our range of Structural Heads which comply with BS EN 845-2. 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.

Ibstock 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 guidance for which is given in Ibstock’s Masonry Design Guide. Generally, control joints for Cast Stone should be spaced at a maximum of 6m centres.

Dimensional tolerances cast stone

Units made to BS EN 771-5

Tolerance Category: D1 (±2mm for length & height).

Units made to BS 1217

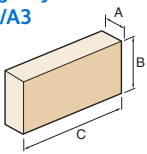
Unit Length	Tolerance
0-600mm	±2mm
601-1000mm	±3mm
1001-2500mm	±4mm
2501-4000mm	±5mm
>4000mm	±6mm

Regency® Ashlar and Quoins

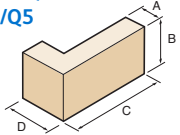
All quoins are externally faced. Please specify if internal quoins are required as an alternative. Some quoin units are handed. When ordering, please remember to specify the hand required.

Code	A	B	C	D	Weight (Kg)
A1	100	215	440	-	20
A2	100	290	440	-	27
A3	150	215	440	-	30
A4	150	290	440	-	40
A5	100	140	440	-	13
A60	100	220	445	-	20
Q1	100	215	295	150	16
Q2	100	215	330	215	20
Q3	100	290	440	215	34
Q4	100	140	295	150	10
Q5	100	215	440	215	25
Q7	100	140	440	215	16
RQ5*	125	215	465	120	34
Q12	150	215	440	215	34
Q14	150	290	440	215	46
Q60-90	100	220	445	220	26

Regency® Ashlar A1/A3

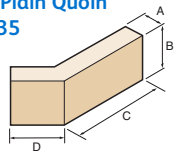


Plain Quoins Q2/Q5



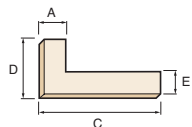
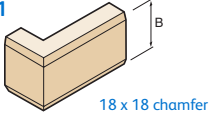
Code	A	B	C	D	Weight (Kg)
Q6	100	215	440	215	28
Q8	100	140	440	215	18
Q9	100	290	440	215	37
RQ6*	125	215	452	227	37
Q13	150	215	440	215	40
Q15	150	290	440	215	54
Q60-135	100	220	445	220	29

135° Plain Quoin Q6-135



Code	A	B	C	D	E	Weight (Kg)
Q11	118	215	348	233	100	24
Q21	118	290	458	233	100	41
RQ11*	143	215	373	258	125	32

Chamfered Quoins Q11

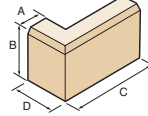
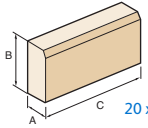


*Quoins 125mm on bed for use in conjunction with render.



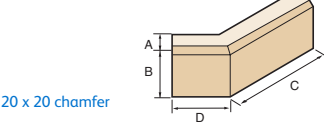
Code	A	B	C	D	Weight (Kg)
A1C	100	215	440	-	20
Q5C+	100	215	440	215	25

Regency® Ashlar Chamfered & 90° Quoins



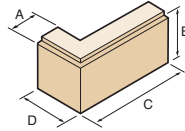
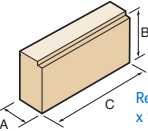
Code	A	B	C	D	Weight (Kg)
Q6C+	100	215	440	215	27

135° Chamfered Quoin



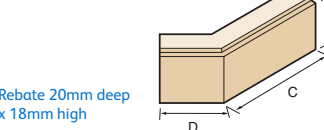
Code	A	B	C	D	Weight (Kg)
A1R	100	215	440	-	20
Q5R+	100	215	440	215	25
A60R	100	220	445	-	20
Q60R-90+	100	220	445	220	25

Regency® Ashlar Rebated & 90° Quoins



Code	A	B	C	D	Weight (Kg)
Q6R+	100	215	440	215	27
Q60R-135+	100	220	445	220	28

135° Rebated Quoin





Plinths

Code	A	B	C	D	E	F	Weight (Kg)
PL1	150	140	890	50	50	90	37

PL1

Code	A	B	C	D	E	F	Weight (Kg)
PL1-90E	150	140	215	50	50	90	12

PL1-90E

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
PL2-135E	150	215	215	50	50	165	24
PL2-135INT	150	215	215	50	50	165	24

PL2

Code	A	B	C	D	E	F	Weight (Kg)
PL3	150	140	890	50	110	30	34
PL3-90E	150	140	215	50	110	30	11
PL3-90INT	150	140	215	50	110	30	11
PL3-135E	150	140	215	50	110	30	14
PL3-135INT	150	140	215	50	110	30	14

PL3

Code	A	B	C	D	E	F	Weight (Kg)
PL4	150	215	440	50	110	105	27
PL4-90E	150	215	215	50	110	105	18
PL4-90INT	150	215	215	50	110	105	18
PL4-135E	150	215	215	50	110	105	23
PL4-135INT	150	215	215	50	110	105	23

PL4

Code	A	B	C	D	E	F	Weight (Kg)
PL1-90INT	150	140	215	50	50	90	12

PL1-90INT

Code	A	B	C	D	E	F	Weight (Kg)
PL1-135E	150	140	215	50	50	90	15

PL1-135E

Code	A	B	C	D	E	F	Weight (Kg)
PL1-135INT	150	140	215	50	50	90	15

PL1-135INT

String Course

Code	A	B	C	D	E	F	Weight (Kg)
SC1	130	140	890	30	30	100	32

SC1

Code	A	B	C	D	E	F	Weight (Kg)
SC1-90E	130	140	245	30	30	100	13

SC1-90E

Code	A	B	C	D	E	F	Weight (Kg)
SC1-90INT	130	140	315	30	30	100	17

SC1-90INT

Code	A	B	C	D	E	F	Weight (Kg)
SC1-135E	130	140	227	30	30	100	14

SC1-135E

Code	A	B	C	D	E	F	Weight (Kg)
SC1-135INT	130	140	256	30	30	100	17

SC1-135INT



Code	A	B	C	D	E	F	Weight (Kg)
SC2	130	215	440	30	30	100	25
SC2-90E	130	215	245	30	30	100	20
SC2-90INT	130	215	315	30	30	100	29
SC2-135E	130	215	227	30	30	100	23
SC2-135INT	130	215	256	30	30	100	26

SC2

Code	A	B	C	D	E	F	Weight (Kg)
SC3	150	140	890	50	105	100	37
SC3-90E	150	140	265	50	105	100	15
SC3-90INT	150	140	315	50	105	100	20
SC3-135E	150	140	236	50	105	100	17
SC3-135INT	150	140	256	50	105	100	19

SC3

Profile applies to T1 & T11 cill units only (see page 8)

Code	A	B	C	D	F	Weight (Kg)
SC4	217	290	440	115	102	39
SC4-90E	217	290	330	115	102	34
SC4-90INT	217	290	318	115	102	42
SC4-135E	217	290	262	115	102	36
SC4-135INT	217	290	258	115	102	40

SC4

Code	A	B	C	D	F	Weight (Kg)
SC5	217	215	440	115	102	32
SC5-90E	217	215	330	115	102	28
SC5-90INT	217	215	318	115	102	34
SC5-135E	217	215	262	115	102	30
SC5-135INT	217	215	258	115	102	32

SC5

Code	A	B	C	D	F	Weight (Kg)
SC6	157	140	890	55	102	34
SC6-90E	157	140	270	55	102	14
SC6-90INT	157	140	318	55	102	19
SC6-135E	157	140	238	55	102	15
SC6-135INT	157	140	258	55	102	18

SC6

Can be used as label mould to window heads

Code	A	B	C	D	F	Weight (Kg)
SC7	140	70	890	40	100	16
SC7-90E	140	70	255	40	100	6
SC7-90INT	140	70	315	40	100	9
SC7-135E	140	70	232	40	100	7
SC7-135INT	140	70	256	40	100	8

SC7

Can be used as label mould to window heads



Stooled cills are built in at the time of construction. They should be bedded under the stooling only at the time of installation with an inert packer in the centre. The cill should be solidly pointed as the scaffold is taken down upon completion of the construction.

Code	A	B	C	D	E*	F	Max Length	Kg Per Lin/M
T1-40	150	140	105	40	102.5/140	100	1547	39
BN1	150	140		65	102.5/140	100	1547	39
T2	150	65	40	65	102.5/140	100	1000	17
T3	200	140	105	65	102.5/140	150	1547	53
T4-40†	175	140	105	40	102.5/140	125	1547	46

Stooled Cill

BN1

Code	A	B	C	D	E*	F	G	Max Length	Kg Per Lin/M
ST6	215	140	105	65	102.5/140	165	18	1547	56
ST7	215	65	40	65	102.5/140	165	18	1000	24
ST8	245	140	105	65	102.5/140	195	18	1547	63

Chamfered Stooled Cill
(Designed to close cavity)

* Specify on ordering
† Designed for use with render

Cills

Cills are manufactured in accordance with BS 5642. Cills of greater length than those shown in the tables are available and are made in more than one piece.

Code	A	B	C	D	Max Length	Kg Per Lin/M
T11-40	150	140	105	40	1547	39
BN11	150	140	-	65	1547	39
T12	150	65	40	65	1000	17

Slip Cill

BN11

Code	A	B	C	D	E	Max Length	Kg Per Lin/M
SC10	215	140	105	65	18	1547	55
SC11	215	65	40	65	18	1000	22
SC12†	245	140	105	65	18	1547	62

Chamfered Slip Cill (Designed to close cavity)

Slip Cills forming 90° at Bay

Code	A	Kg
T11-40-90E	265	15
BN11-90E	265	15

90° Slip Cill

Available to suit any standard or special section, please specify cill type and external dimensions of brickwork. Purpose-made products are available on request.

Slip Cills forming 45° at Bay

Code	A	Kg
T11-40-135E	236	16
BN11-135E	236	16

135° Slip Cill

Available to suit any standard or special section, please specify cill type and outer dimension of brickwork. Purpose-made products are available on request.

Structural Heads

These units contain a post-tensioned stainless steel element. They will support loads as indicated in the table. It is essential that this load is in one direction and that the head is laid so that the orientation is correct.

Additional Requirements:

- The maximum lengths shown cannot be exceeded.
- Structural Heads cannot be CUT, GROUND, DRILLED or CHASED under any circumstances. Please advise of special requirements at the time of ordering as these may be accommodated in the casting process.
- Structural Heads must be installed with the top uppermost.
- Structural heads must be used with a 150mm bearing.

Please allow an extra 2 weeks for Structural Heads above standard availability for full curing to take place.

Code	A	B	Allowable Safe Working Load (kN/m) at maximum length	Max Length	Weight Kg/m
SH1	100	140	9.4	1642	29
SH2	100	215	4.7	2800	46
SH5	100	290	4.7	2800	61

Rectangular Structural Head

Structural heads must be used with a 150mm bearing

Code	A	B	C	D	Allowable Safe Working Load (kN/m) at maximum length	Max	Weight
SH3	100	140	150	18	9.4	1642	29
SH4	100	215	150	18	4.7	2800	46
SH6	100	290	150	18	4.7	2800	61

Chamfered Structural Head

Structural heads must be used with a 150mm bearing

Code	A	B	C	D	E	F	Weight (Kg)
K1	265	215	165	150	65	18	9
K2	305	290	165	150	65	18	13
K3	346	365	165	150	65	18	16

Cosmetic Keystone K1/2/3

Degree angle $\approx 105^\circ$ to match Splayed Heads
If chamfered Keystone is required please pre-fix with C



Decorative Heads

Decorative Heads of greater length than those shown in the tables are available and are made in pieces.

Code	A	B	Max Length	Kg Per Lin/M
DH1	100	140	1547	29
DH2	100	215	1547	46
DH5	100	290	1547	61

Rectangular Head

Code	A	B	C	D	Max Length	Kg Per Lin/M
DH3	100	140	102.5/140	18	1547	29
DH4	100	215	102.5/140	18	2500	46
DH6	100	290	102.5/140	18	2500	61

Chamfered Head

Code	A	B	C	Max Length	Kg Per Lin/M
DH11	100	215	58	2500	45
DH12	100	290	78	2500	61

Splayed Head

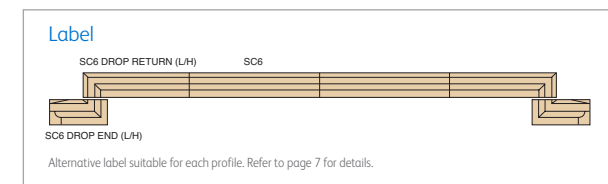
Code	A	B	C	D	F	Weight (Kg)
K4	265	215	130	150	18	12
K5	305	290	130	150	18	18
K6	346	365	130	150	18	24

Keystone K4/5/6



Window Surrounds

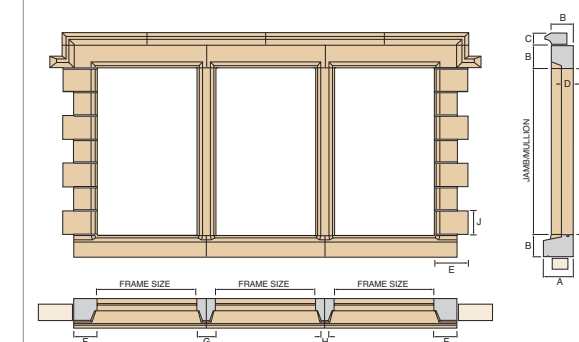
Jambs will have 100mm s/s dovetail anchor slots where they exceed 450mm in length. No fixings or allowance will be made for the interconnection of head, mullion, cill and jamb unless specified. Please specify if surrounds are to be finished internally.



A	B	C	D	E	F	G	H
190	140	70	75	See table below	140	118	48

Wensley

Label type SC7 refer to page 7 for details



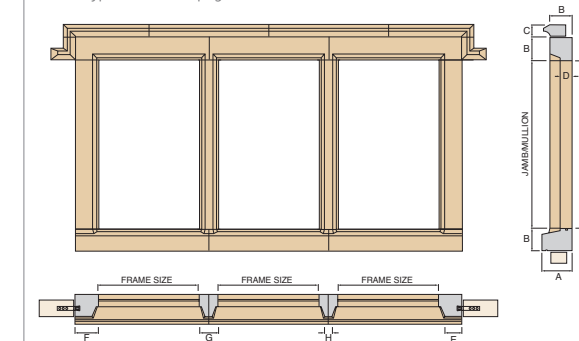
Jamb Blocks

E	140	215	140	215	140	215
J	140	140	215	215	290	290
Kg Per Unit	6	9	9	14	12	19

A	B	C	D	E	F	G	H
190	140	70	75	105	140	118	48

Winster

Label type SC7 refer to page 7 for details



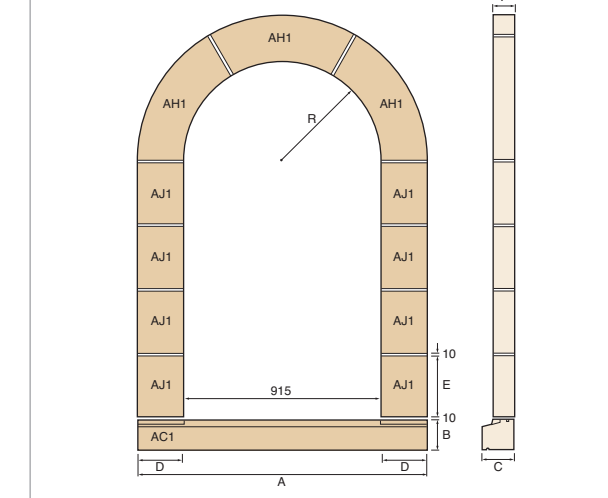
Note: If the Wensley or Winster surrounds are required to course with adjacent brickwork, the window frames should be 10mm higher than standard, ie. A 1050mm high frame would need to be 1060mm. This is due to the fact that ordinary masonry frames are smaller in height by 10mm to allow for the structural lintel to sit in-between the frame and masonry. When using stone heads the structural lintel is ideally placed above the self supporting head.

Code	Kg Per Lin/M
CILL (overhanging)	52
CILL (flush)	41
JAMB	41
MULLION	35
HEAD	41
SC6	38
SC7	18

Arched Surrounds

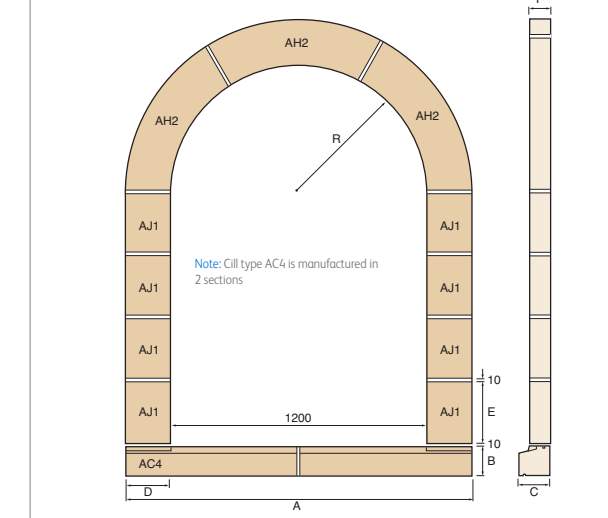
Code	A	B	C	D	E	F	R	Weight (Kg)
AC1	1345	140	150	215	-	-	-	53
AJ1	-	-	-	215	290	100	-	13
AH1	-	-	-	215	-	100	458	27

Arched Surround 915



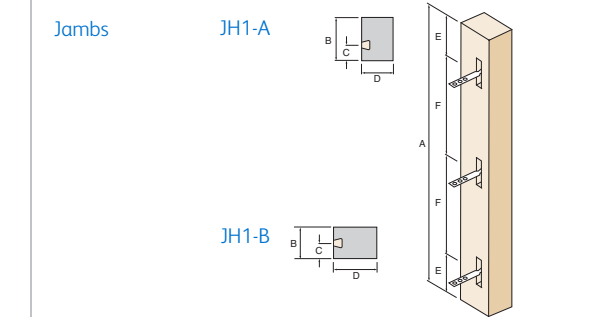
Code	A	B	C	D	E	F	R	Weight (Kg)
AC4	1630	140	150	215	-	-	-	64
AJ1	-	-	-	215	290	100	-	13
AH2	-	-	-	215	-	100	600	33

Arched Surround 1200



Code	A	B	C	D	E	F	Weight (Kg)
JH1-A1	1050	140	50	100	150	375	30
JH1-A2	1200	140	50	100	150	450	35
JH1-B1	1050	100	50	140	150	375	30
JH1-B2	1200	100	50	140	150	450	35

Jambs

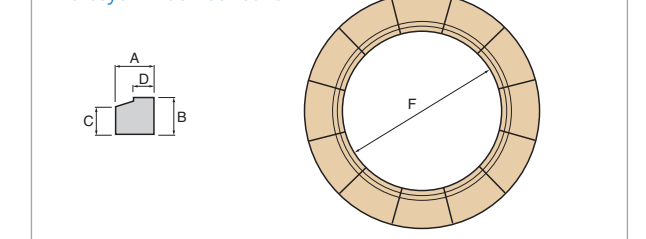


Bullseye Window Surrounds

Bullseye window surrounds are supplied in sections with an allowance for 5mm mortar joints.

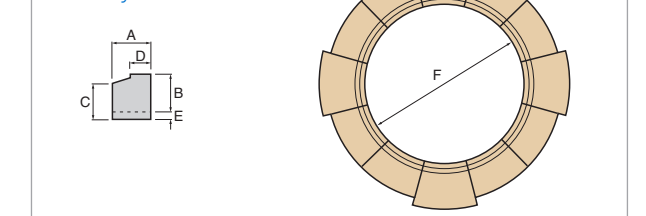
Code	A	B	C	D	F	Weight (Kg)
BU1	140	140	105	75	600	90

Bullseye Window Surround



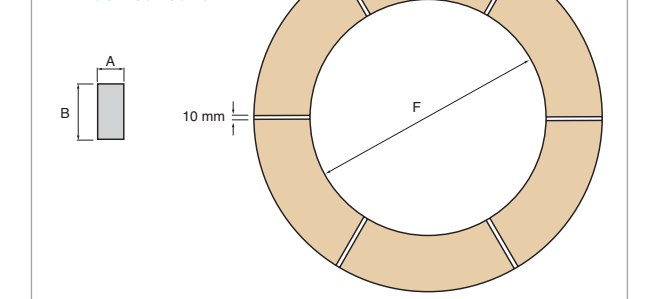
Code	A	B	C	D	E	F	Weight (Kg)
BU2	140	140	135	75	30	600	98

Bullseye Window Surround with Keystones



Code	A	B	F	Weight (Kg)
BU3	100	215	915	158
BU4	100	215	1200	198

Plain Bullseye Window Surround





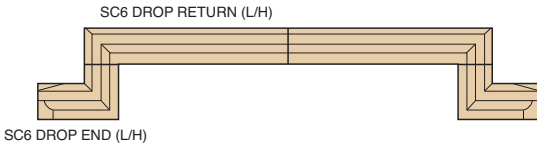
Door Surrounds

Door heads should have a support or relieving lintel with the appropriate joint between head and lintel.

Door jambs will have 100mm Stainless Steel dovetail slots at 450mm centres. These are positioned in the 100mm face adjacent to the Masonry opening.

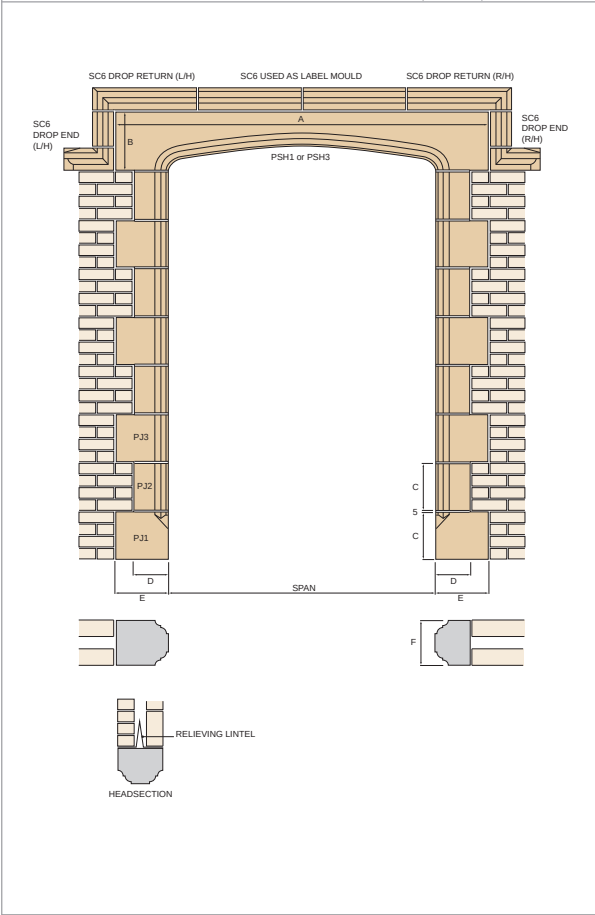
Label Mould (option)

Refer to page 7 for details



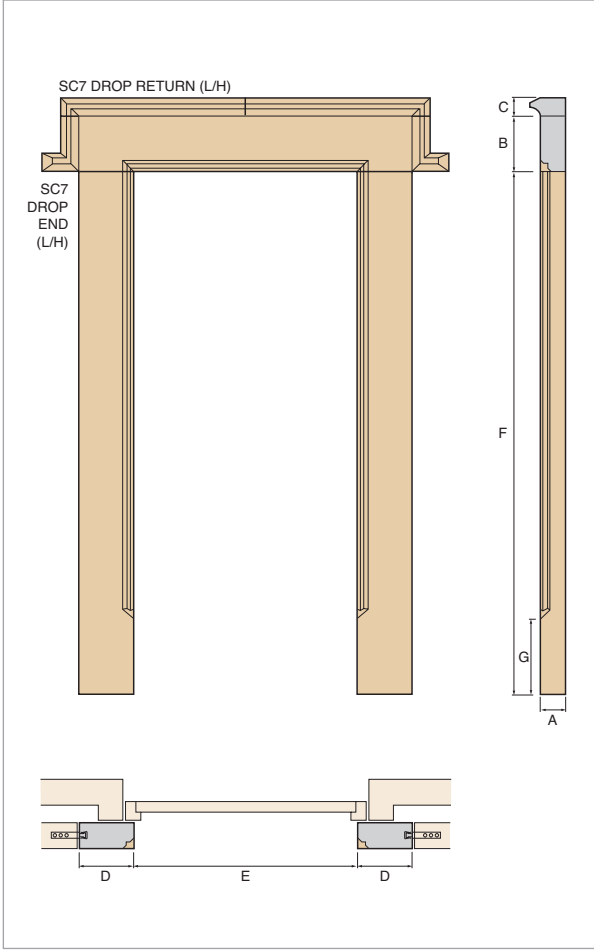
Porch Surrounds

Code	Span	A	B	C	D	E	F	Kg Per Unit
PSH1	1650	2306	365	-	-	-	-	385
PSH3	1810	2466	365	-	-	-	-	408
PJ1	-	-	-	295	-	328	280	51
PJ2	-	-	-	295	215	-	280	33
PJ3	-	-	-	295	-	328	280	51



*Decorative head to be used in conjunction with a suitable relieving lintel.

Code	A	B	C	D	E	F	G	Weight (Ln Metre)
DS1	100	215	70	215	1025	2095	300	43
DS2	100	215	70	215	1800	2095	300	43
DS3	100	215	70	215	2400	2095	300	43
SC6	158	-	140	-	-	-	-	38
SC7	140	-	70	-	-	-	-	18



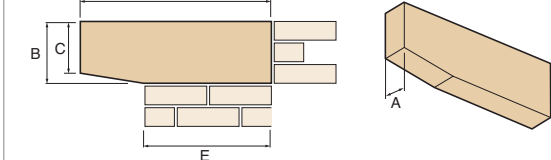
Corbels

Some corbels are handed. When ordering, please specify the hand required when viewing the gable elevation as shown in the adjacent photograph.

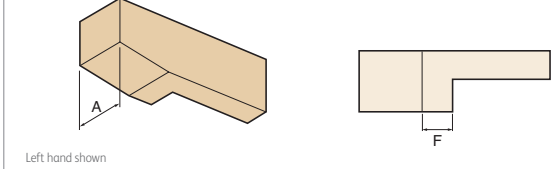
Code	A	B	C	D	E	F	Weight (Kg)
C4	100	215	180	665	445	-	29
C5	215	215	180	665	445	105	45
C6	100	140	105	665	445	-	19
C7	215	140	105	665	445	105	29

Angle Corbel

C4/6



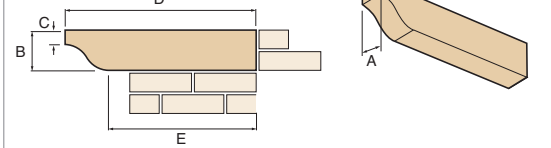
C5/7 (L)



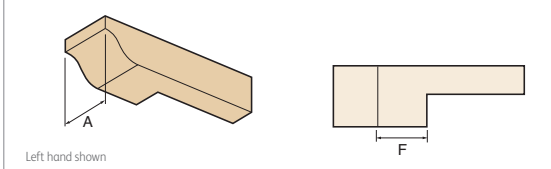
Code	A	B	C	D	E	F	Weight (Kg)
C8	100	140	50	665	515	-	18
C9	215	140	50	665	515	175	28

Ogee Corbel

C8



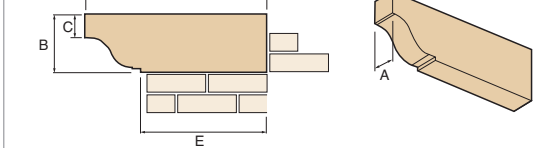
C9 (L)



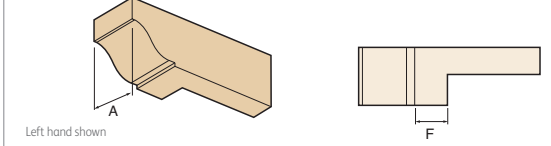
Code	A	B	C	D	E	F	Weight (Kg)
C13	100	215	90	665	460	-	27
C14	100	215	180	665	445	-	29

Moulded Corbel

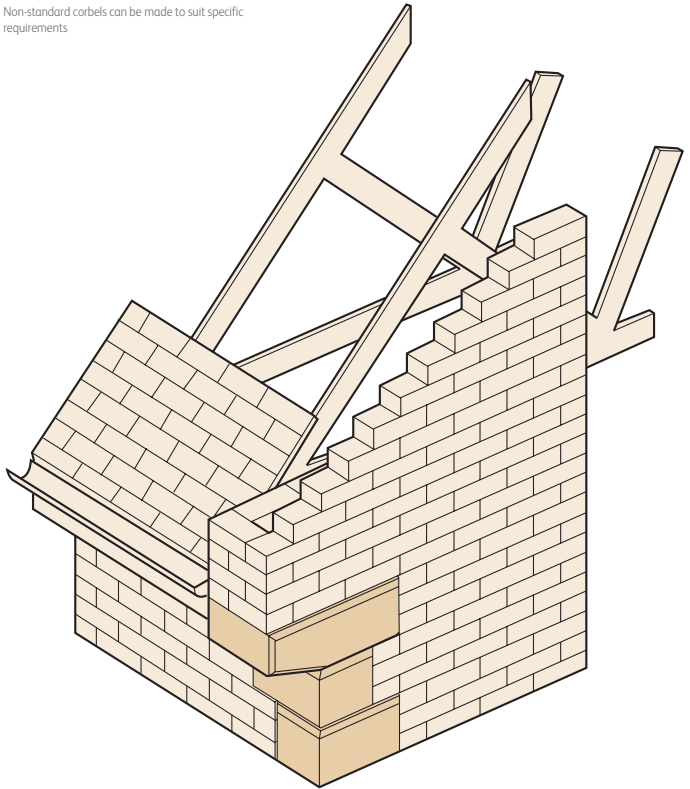
C13



C14 (L)



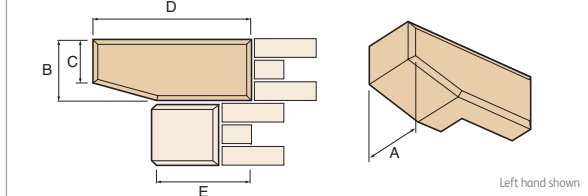
Non-standard corbels can be made to suit specific requirements



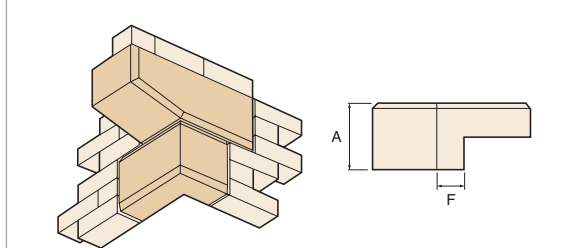
Code	A	B	C	D	E	F	Weight (Kg)
C10	233	215	153	555	330	100	43

Chamfered Corbel

(To match Q11 or Q21 quoins)



C10 (L)





Copings

Ibstock's Customer Service is available for parapet design and technical advice. Suggested minimum overhang: 50mm. All copings are manufactured with a drip groove.

Code	Kg Per Unit
FC200	19
FC315	29
FC400	36

Flat Copings

L/H R/H Return

T-Junction

Stop End

Left Hand Internal 90° Return

Right Hand Internal 90° Return

Left Hand External 90° Return

Right Hand External 90° Return

Code	Kg Per Unit
TW200	23
TW315	37
TW400	44

Twice Weathered Copings

Universal Return

Fair End

T-Junction

Left Hand Internal 90° Return

Right Hand Internal 90° Return

Left Hand External 90° Return

Right Hand External 90° Return

Code	Kg Per Unit
OW200	23
OW315	37
OW400	44

Once Weathered Copings

L/H R/H External Return

L/H R/H Internal

Stop End

Left Hand Internal 90° Return

Right Hand Internal 90° Return

Left Hand External 90° Return

Right Hand External 90° Return

Gable Vent

The rear of the gable vent is indented to accept a mesh barrier.

Code	A	B	C	D	Vent Area	Weight (Kg)
GV1	590	120	327	50	15,650mm²	42
GV2	740	120	215	45	25,650mm²	33
GF1	590	120	327	50	-	43
GF2	740	120	215	45	-	35

GV1/2

GF1/2

Name and Datestones

Code	A	B	C	Weight (Kg)
NS1	365	100	550	39
NS2	290	100	440	27
NS3	365	100	665	51

Standard letters – 65mm high (Sharp faced Gothic) Standard numerals – 100mm high (Times New Roman)

Medallion

Code	A	B	C
NS5	75	580	42

The 'Medallion' name plate may be used in conjunction with the 600mm Bullseye window surround.

Chimney Coping

Code	A	B	C	D	Weight (Kg)
CP1	120	150	1000	100	132

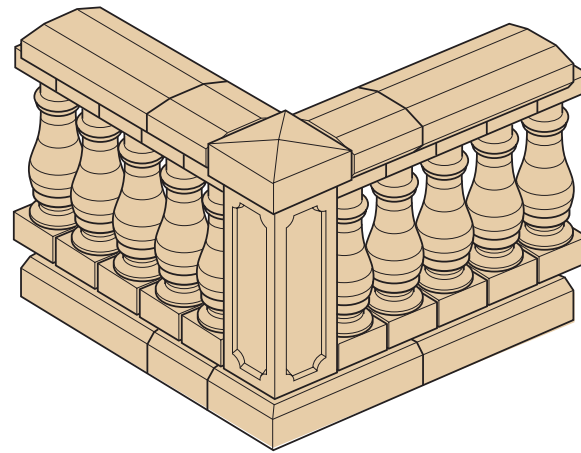
CP1





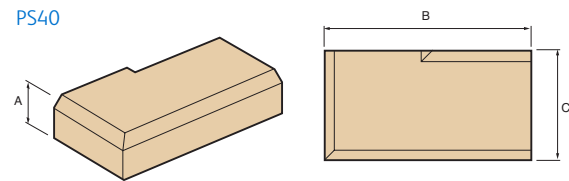
Balustrades

Ibstock's Balustrade system comprises a combination of precision components to enable you to create balustrades to meet your specific requirements.



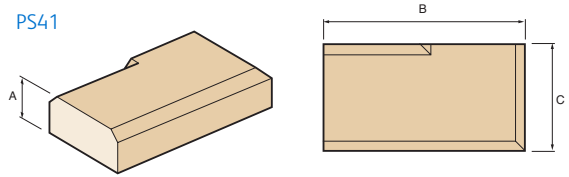
Code	A	B	C	Weight (Kg)
PS40	150	665	350	71

PS40



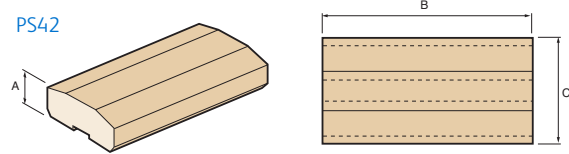
Code	A	B	C	Weight (Kg)
PS41	150	665	350	71

PS41



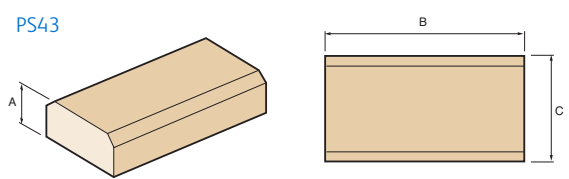
Code	A	B	C	Weight (Kg)
PS42	150	665	350	56

PS42



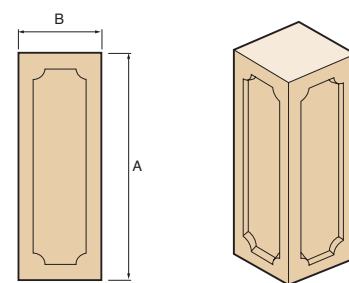
Code	A	B	C	Weight (Kg)
PS40	150	665	350	71

PS43



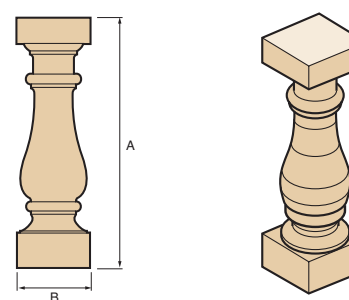
Code	A	B	Weight (Kg)
PS28	750	275	103

PS28



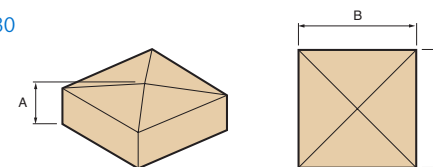
Code	A	B	Weight (Kg)
PS29	750	215	40

PS29



Code	A	B	Weight (Kg)
PS30	150	350	34

PS30



IBSTOCK ECOHABITATS

BUILDING IN BIODIVERSITY

PROVIDING BATS WITH SAFE HABITATS THE ECOHABITAT BAT BOX

With 17 species protected under UK law, Britain's Bat population are well protected to preserve their vital role in the nation's eco-system. Istock offers Bat Boxes for both cast stone and brick walling systems, creating a match to the aesthetic of any Istock wall.

Our concrete Bat Box provides a secure habitat for Pipistrelle bats, replicating the type of environment they would seek in nature. Featuring a conventional cast stone front face, combined with internally sawn and roughened high grade plywood, our concrete-faced 'Stone in Stock' Bat Box provides a safe haven for bats and is suitable for both new build and retrofit applications.

Designed to course with standard masonry and featuring a maintenance free entrance, bespoke specifications can be designed for any application, with box motifs available as an optional extra.



BATS



VISUAL MATCH

All brick and concrete walling stone types

LOW MAINTENANCE

Built to last the life of the wall

SAFE

Homeowner and wildlife are safely separated

EASY

Installs like a brick



Concrete Bat Box

THE SWIFT SOLUTION THE ECOHABITAT SWIFT BOX

The swift population continues to decline, with the species currently on the Red UK conservation status. This is due, in part, to modern buildings failing to provide a suitable nesting site, due to the effective sealing of eaves.

Istock's solution, available in both cast stone and clay, has been carefully designed for both new build and retrofit applications where there is a requirement to provide habitats for birds.

This hollow box is mortared into the external leaf of a cavity wall creating a secure, weather resistant and attractive finish while remaining accessible to Swifts.



Concrete Swift Box



SWIFTS



VISUAL MATCH

Red, Buff or Blue

LOW MAINTENANCE

Built to last the life of the wall

SAFE

Homeowner and wildlife are safely separated

EASY

Installs like a brick

ECOHABITAT RANGE

Discover our full eco-habitat range at www.istock.co.uk/products/ecohabitats



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Ibstock
At the heart of building