

Uniclass L322	EPIC F611
C1/SfB (2-)	Ff5
2003	

PD10



Product Data

Standard and Special Shapes

Description

Lignacite Ltd has been producing shaped units for over fifty years and manufactures an extensive range of standard cast and cut shapes. In addition, special units are produced to designers' specifications.

Lignacite Ltd shapes and standard blocks are produced in the same factory. Minor differences in colour and finish may occur as a result of the hand finishing process, creating subtle variations that can be a striking design feature. Standard and special block shapes should be discussed with Lignacite Ltd when ordering.

Block type, shape and surface differences can, of course, be positively exploited as part of an intentional design treatment.

- **Machine Made Shapes**

Some L-shaped quoin and reveal blocks are produced using our automated blockmaking machine enabling as close a colour match as possible.

- **Cast Standard Shapes**

Standard cast shapes include Copings and Lintels. Cast shapes are hand-made in individual moulds and therefore colour and texture may vary slightly between these units and blocks made on the block machine.

- **Cast Special Shapes**

Lignacite Ltd has great experience in producing all manner of specially shaped and sized units, including curves and large reinforced units. In order to ensure correct manufacture to specifiers' requirements, sketches of each special shape, dimensioned in all planes, surfaces and angles, are required.

- **Cut Standard Shapes**

A wide range of standard shapes is available, cut from blocks (see table overleaf). Variations in appearance may occur between cut and uncut faces, unless subsequently processed – eg, by polishing. (Note: polishing reduces each face by 2-3mm).

- **Cut Special Shapes**

Many special shapes can be cut from rectangular blocks; the possibilities are extensive and limited only by block size (440x215mm or 390x190mm) and thickness (up to 280mm). Cut specials are inherently quicker to produce and more cost effective than cast specials.

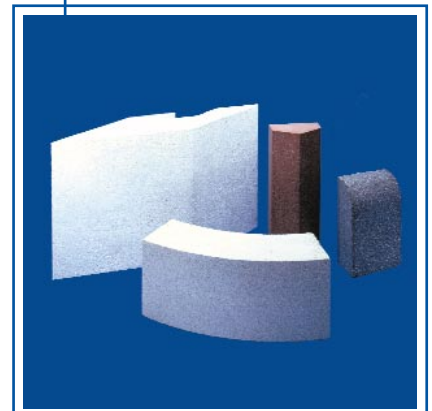
- **Lignastone Dressings**

Lignastone is a complementary range of cast stone dressings and special products.

Refer to data sheet PD7 for further information.

- **Range Availability**

See overleaf for details of Standard Shapes. Standard and Special shapes are made to order in all appropriate Lignacite Ltd masonry types, finishes and colours. However, with the exception of 100mm quoins, Split Block shaped units are not generally feasible unless cut faces are acceptable.



Product Data

Standard and Special Shapes



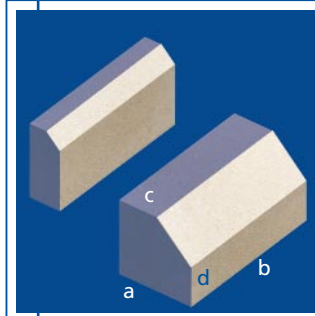
- All relevant vertical and sloping faces are finished (eg, polished or weathered).
- Confirmation of finished faces is required by Lignacite Ltd.

- Dimensions are nominal and may be reduced by polishing or weathering.
- Metric modular size standard shapes are also available in all types.

- Where applicable, blocks must be ordered as right hand return or left hand return by quoting suffix "R" or "L" eg, "S21R".

- Where applicable, half blocks can be ordered by placing a suffix after reference eg, "551H".

Plinth Type 41

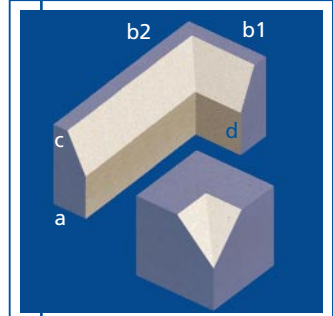


Full Block Chamfered Cills
440mm long x 215mm high o.a

Ref.	a	b	c	d
S41	90	440	50	175
T41	100	440	60	175
V41	140	440	100	175
W41	150	440	100	165
X41	190	440	100	125
Y41	200	440	140	155
Z41	215	440	140	140

Half block available.

Plinth Internal Returns Type 42

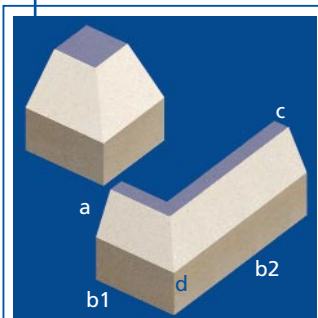


Internal Returns
215mm high o.a

Ref.	a	b1	b2	c	d
S42	90	215	440	50	175
T42	100	215	440	60	175
V42	140	215	440	100	175
W42	150	215	440	100	165
X42	190	215	440	100	125
Y42	200	215	440	140	155
Z42	215	215	440	140	140

Right hand or left hand available.
Right hand return illustrated.

Plinth External Returns Type 43

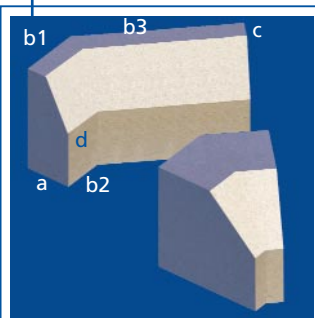


External Returns
215mm high o.a

Ref.	a	b1	b2	c	d
S43	90	215	440	50	175
T43	100	215	440	60	175
V43	140	215	440	100	175
W43	150	215	440	100	165
X43	190	215	440	100	125
Y43	200	215	440	140	155
Z43	215	215	440	140	140

Right hand or left hand available.
Left hand return illustrated.

Plinth Internal 135° Returns Type 44

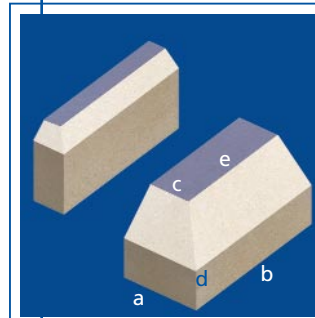


Internal 135° Returns
215mm high o.a

Ref.	a	b1	b2	b3	c	d
S44	90	120	83	345	50	175
T44	100	120	78	345	60	175
V44	140	120	62	345	100	175
W44	150	120	58	345	100	165
X44	190	120	41	345	100	125
Y44	200	120	37	345	140	155
Z44	215	120	31	345	140	140

Right hand or left hand available.
Left hand return illustrated.

Plinth Chamfered Returns Type 45 Left or Right

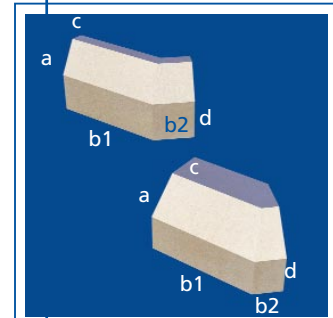


Full Block Chamfered Returns
440mm long x 215mm high o.a

Ref.	a	b	c	d	e
S45	90	440	50	175	400
T45	100	440	60	175	400
V45	140	440	100	175	400
W45	150	440	100	165	390
X45	190	440	100	125	350
Y45	200	440	140	155	380
Z45	215	440	140	140	365

Right hand or left hand available.
Half block available.
Left hand return illustrated.

Plinth External 135° Returns Type 46 Left or Right



External 135° Returns
215mm high o.a

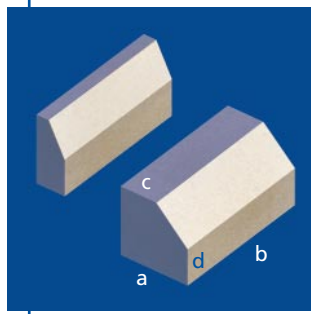
Ref.	a	b1	b2	c	d
S46	90	345	120	50	175
T46	100	345	120	60	175
V46	140	345	120	100	175
W46	150	345	120	100	165
X46	190	345	120	100	125
Y46	200	345	120	140	155
Z46	215	345	120	140	140

Right hand or left hand available.
Right hand return illustrated.

Product Data

Standard and Special Shapes

Cill Stretchers Type 16

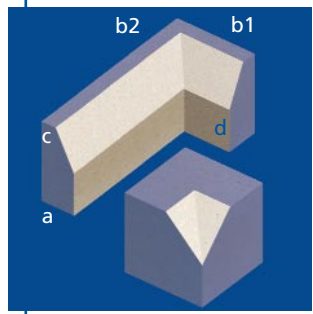


Full Block Stretchers
440mm long x 215mm high o.a

Ref.	a	b	c	d
S16	90	440	40	115
T16	100	440	40	115
V16	140	440	40	115
W16	150	440	50	115
X16	190	440	90	115
Y16	200	440	100	115
Z16	215	440	115	115

Half block available.

Cill Internal Returns Type 21

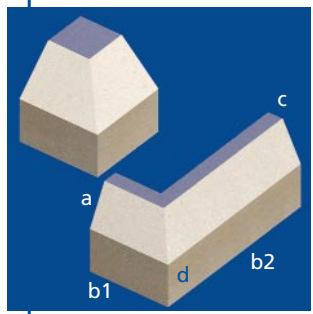


Internal Returns
215mm high o.a

Ref.	a	b1	b2	c	d
S21	90	215	440	40	115
T21	100	215	440	40	115
V21	140	215	440	40	115
W21	150	215	440	50	115
X21	190	215	440	90	115
Y21	200	215	440	100	115
Z21	215	215	440	115	115

Right hand or left hand available.
Right hand return illustrated.

Cill External Returns Type 23

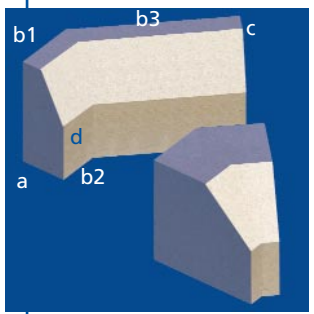


External Returns
215mm high o.a

Ref.	a	b1	b2	c	d
S23	90	215	440	40	115
T23	100	215	440	40	115
V23	140	215	440	40	115
W23	150	215	440	50	115
X23	190	215	440	90	115
Y23	200	215	440	100	115
Z23	215	215	440	115	115

Right hand or left hand available.
Left hand return illustrated.

Cill Internal 135° Returns Type 27

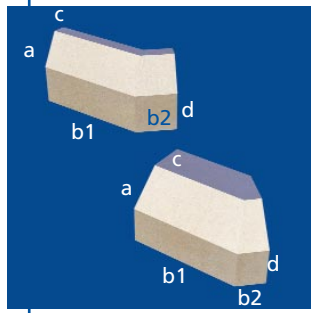


Internal 135° Returns
215mm high o.a

Ref.	a	b1	b2	b3	c	d
S27	90	120	83	345	40	115
T27	100	120	78	345	40	115
V27	140	120	62	345	40	115
W27	150	120	58	345	50	115
X27	190	120	41	345	90	115
Y27	200	120	37	345	100	115
Z27	215	120	31	345	115	115

Right hand or left hand available.
Left hand return illustrated.

Cill External 135° Returns Type 28 Left or Right

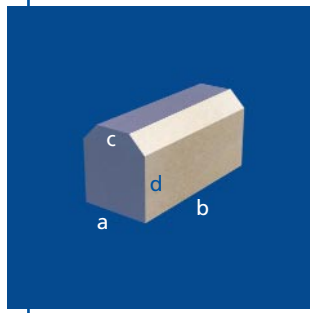


External 135° Returns
215mm high o.a

Ref.	a	b1	b2	c	d
S28	90	345	120	40	115
T28	100	345	120	40	115
V28	140	345	120	40	115
W28	150	345	120	50	115
X28	190	345	120	90	115
Y28	200	345	120	100	115
Z28	215	345	120	115	115

Right hand or left hand available.
Right hand return illustrated.

Coping Double Chamfered Type 35

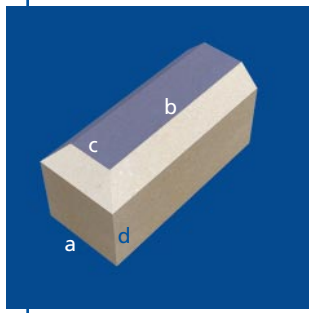


Double Chamfered
440mm long x 215mm high o.a

Ref.	a	b	c	d
X35	190	440	100	170
Y35	200	440	100	165
Z35	215	440	140	177.5

Half block available.

Coping Double Chamfered Stop Ends Type 39

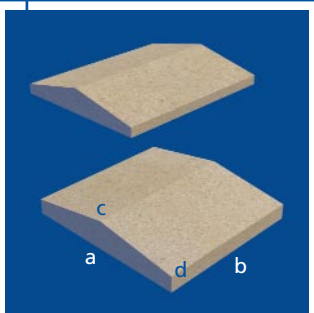


Double Chamfered Stop Ends
440mm long x 215mm high o.a

Ref.	a	b	c	d
X39	190	395	100	170
Y39	200	390	100	165
Z39	215	402.5	140	177.5

Half block available.

Coping Saddleback Copings Type 50



Saddleback Copings
440mm long o.a

Ref.	a	b	c	d
X50	365	440	65	25
Y50	435	440	75	35
Z50	490	440	85	45

Coping include drip grooves under both long sides as standard

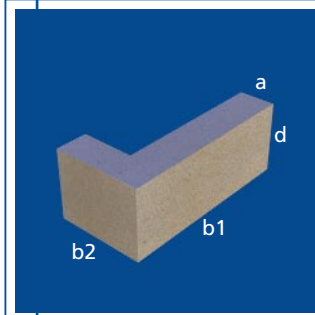
Product Data

Standard and Special Shapes

Split Face quoins are only available in 100mm thickness. $\frac{3}{4}$ and $\frac{1}{2}$ length Split Face and End standard blocks are also available, and full-length in 100mm thickness (only). Reveal blocks can also be supplied - specify return length b2 required, or b2 length may be cut to size on site.

*T11, V11 and T12 are produced by the Columbia blockmaking machine (as are 'standard' blocks)

Shape Quoins Type 11

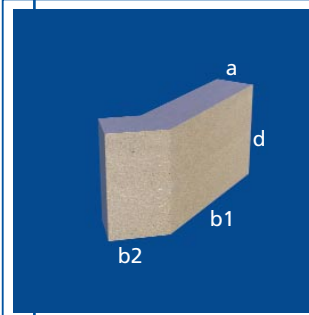


Full Block Quoins
440mm long x 215mm high o.a

Ref.	a	b1	b2	d
S11	90	440	215	215
T11*	100	440	215	215
V11*	140	440	215	215
W11	150	440	215	215
X11	190	440	215	215
Y11	200	440	215	215

Half block available.

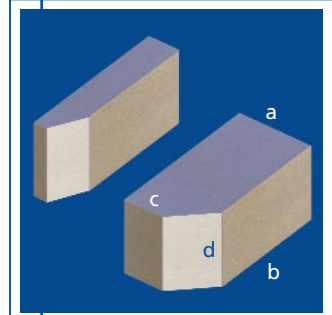
Shape 135° Quoins Type 12



135° Quoins
215mm high o.a

Ref.	a	b1	b2	d
S12	90	345	120	215
T12*	100	345	120	215
V12	140	345	120	215
W12	150	345	120	215
X12	190	345	120	215
Y12	200	345	120	215
Z12	215	345	120	215

Shape Jambs Type 18



Full Block Jambs
440mm long x 215mm high o.a

Ref.	a	b	c	d
S18	90	340	40	215
T18	100	340	40	215
V18	140	340	40	215
W18	150	340	50	215
X18	190	340	90	215
Y18	200	340	100	215
Z18	215	340	115	215

Half block available.

Special Shapes



Lignacite Ltd has many decades of experience, working with architects and designers, in producing specially shaped blocks and units to meet individual requirements.

Lignacite Ltd's Schauer and Haerberle grinding and polishing machine enables workpieces to be chamfered and cut up to 3.25m long, 1.25m wide and 0.415m high. It complements our existing cutting and grinding facilities and offers a cost effective way of including sophisticated and subtle details in building designs. Edges can be bevelled, chamfered or rebated and 'pistol' blocks can be produced.

Standards

There are no established British Standards for block shapes. Lignacite's production quality is, however, controlled at every stage, with procedures assessed and certified to BS EN ISO 9002 standards.



Some Special Shapes are illustrated here. Lignacite Ltd is always pleased to discuss both feasibility and practicality with regard to project circumstances.