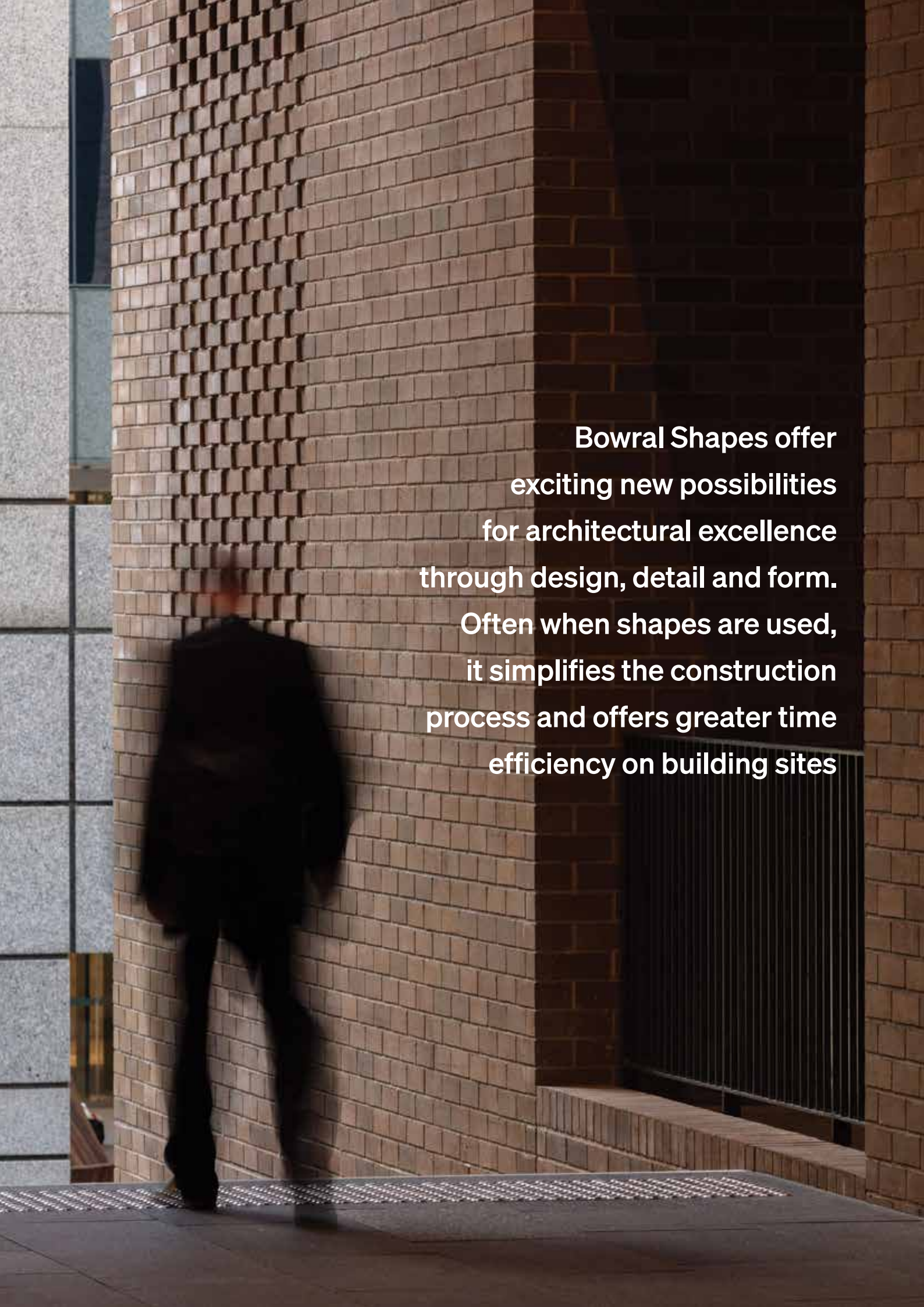


Bowral Shapes

2020



BOWRAL BRICKS



**Bowral Shapes offer
exciting new possibilities
for architectural excellence
through design, detail and form.
Often when shapes are used,
it simplifies the construction
process and offers greater time
efficiency on building sites**

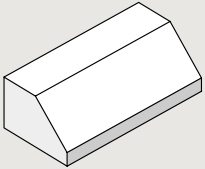
At Bowral we don't just inspire the imagination, we help build it

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Bullnose	6
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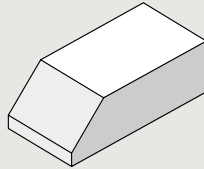
Terminology

These are some common terms used when referring to Bowral Shapes.



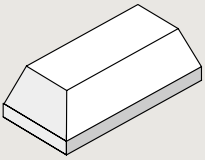
Stretcher

A stretcher brick has a design running along the 230mm edge of the brick



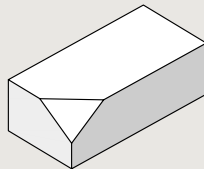
Header

A header brick has a design running along the 110mm edge of the brick



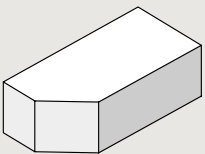
Return

A return is a corner unit, either internal or external



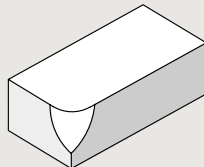
Left or Right?

View the brick at the header to determine left or right. Bricks are usually drawn in their right hand form as shown above



Standard Shapes:

A standard shape has a design running along the 76mm edge of the brick



Stop

A stop is a brick which provides a transition between special and standard bricks



Peace of mind guaranteed

Bowral Bricks are backed by an exclusive Brickworks 100 year warranty.

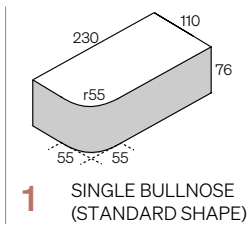
Everything we do is in pursuit of the perfect brick



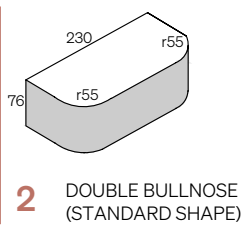
Product: Bowral 76 in Simmental Silver
Architect: WOWOWA Architecture
Photographer: Shannon McGrath

Bullnose

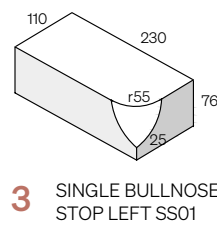
Bullnose Shapes offer vertical or horizontal curves for use in corner details, steps, stills, piers and capping. They can also be used to create subtle curves in projecting brickwork.



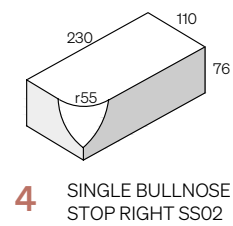
1 SINGLE BULLNOSE (STANDARD SHAPE)



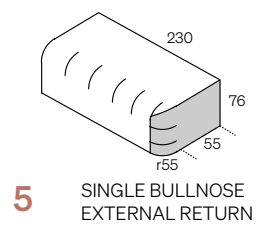
2 DOUBLE BULLNOSE (STANDARD SHAPE)



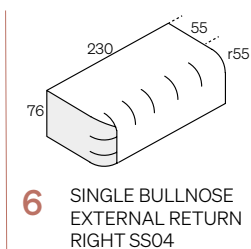
3 SINGLE BULLNOSE STOP LEFT SS01



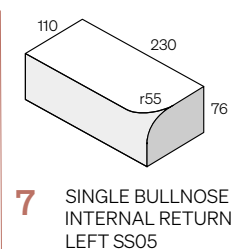
4 SINGLE BULLNOSE STOP RIGHT SS02



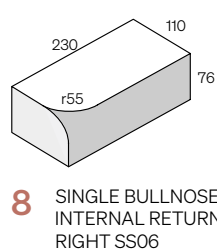
5 SINGLE BULLNOSE EXTERNAL RETURN LEFT SS03



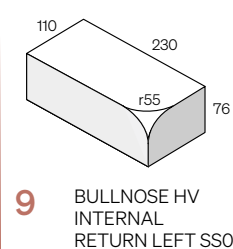
6 SINGLE BULLNOSE EXTERNAL RETURN RIGHT SS04



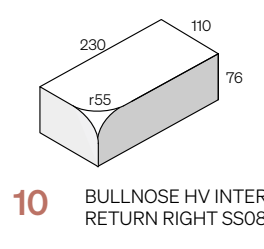
7 SINGLE BULLNOSE INTERNAL RETURN LEFT SS05



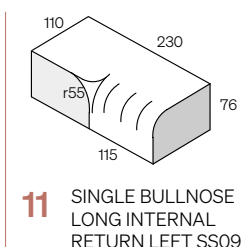
8 SINGLE BULLNOSE INTERNAL RETURN RIGHT SS06



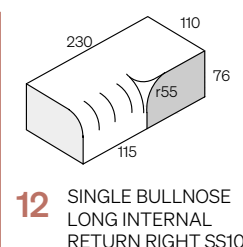
9 BULLNOSE HV INTERNAL RETURN LEFT SS07



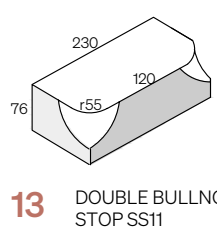
10 BULLNOSE HV INTERNAL RETURN RIGHT SS08



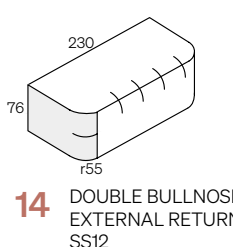
11 SINGLE BULLNOSE LONG INTERNAL RETURN LEFT SS09



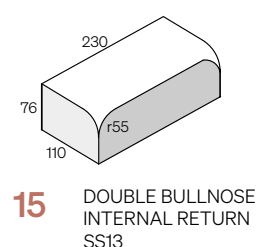
12 SINGLE BULLNOSE LONG INTERNAL RETURN RIGHT SS10



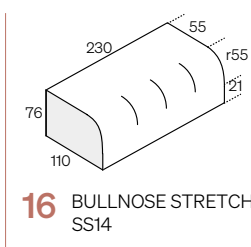
13 DOUBLE BULLNOSE STOP SS11



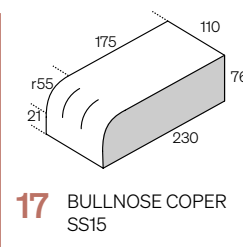
14 DOUBLE BULLNOSE EXTERNAL RETURN SS12



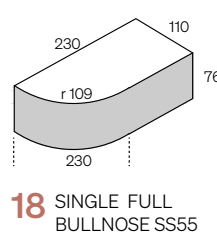
15 DOUBLE BULLNOSE INTERNAL RETURN SS13



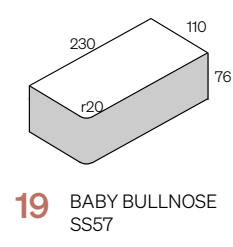
16 BULLNOSE STRETCHER SS14



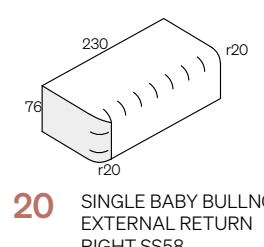
17 BULLNOSE COPER SS15



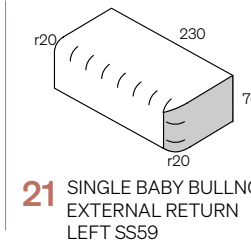
18 SINGLE FULL BULLNOSE SS55



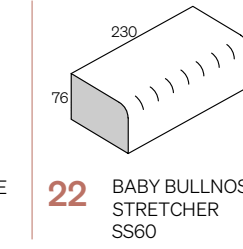
19 BABY BULLNOSE SS57



20 SINGLE BABY BULLNOSE EXTERNAL RETURN RIGHT SS58

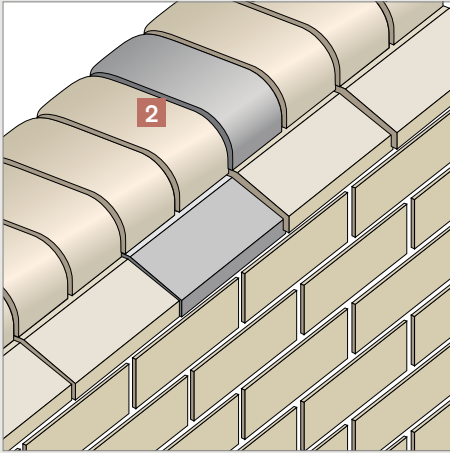


21 SINGLE BABY BULLNOSE EXTERNAL RETURN LEFT SS59

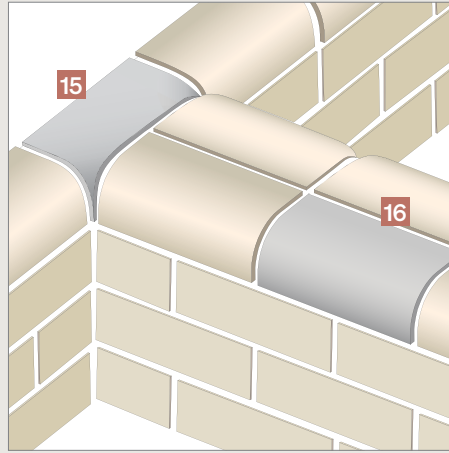


22 BABY BULLNOSE STRETCHER SS60

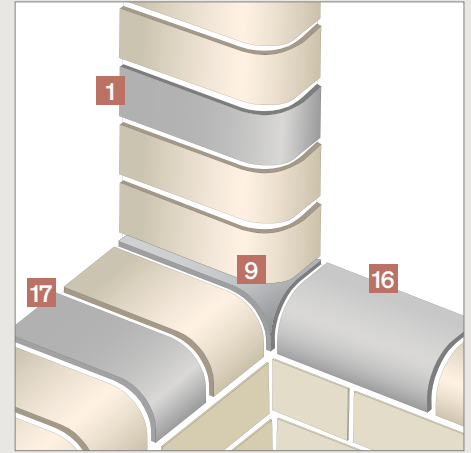
Applications



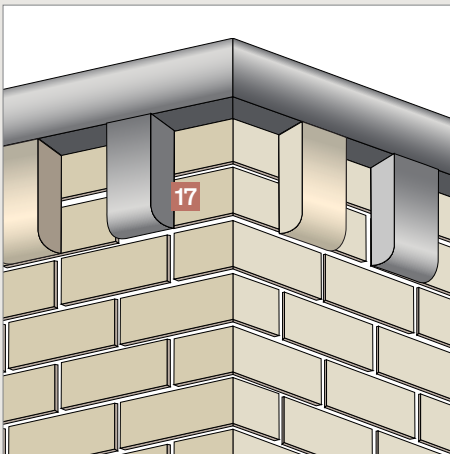
Double Bullnose (Standard Shape) (2) with a plinth stretcher.



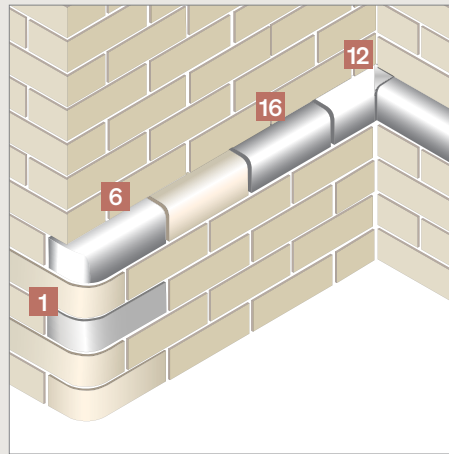
Double Bullnose Internal Return (15) and Bullnose Stretcher (16).



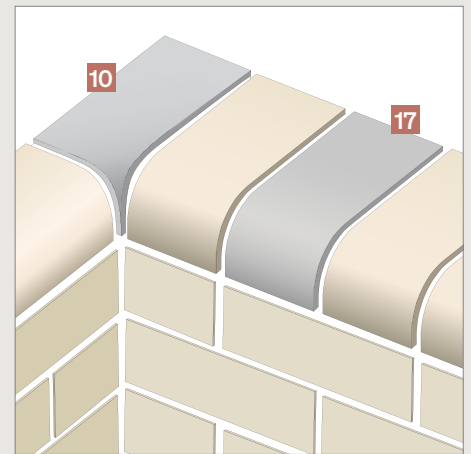
Bullnose HV Internal Return Left (9), Bullnose Stretcher (16), Bullnose Coper (17) and Single Bullnose (1).



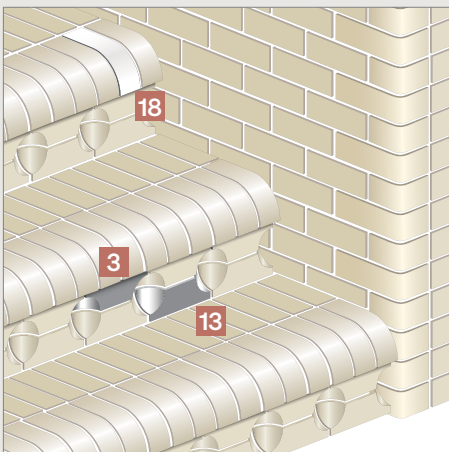
Bullnose Coper (17)



Single Bullnose External Return Right (6), Single Bullnose Long Internal Return Right (12), Bullnose Stretcher (16) and Single Bullnose (1).



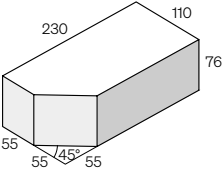
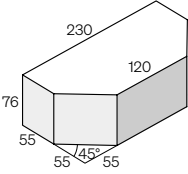
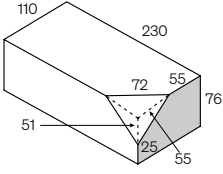
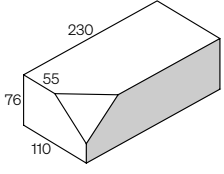
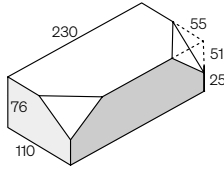
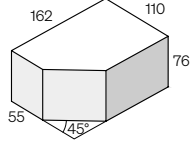
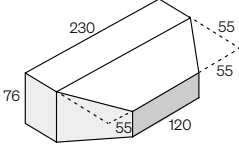
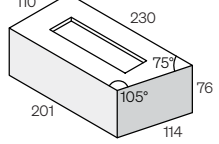
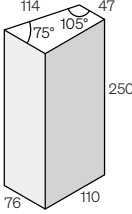
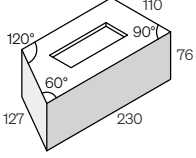
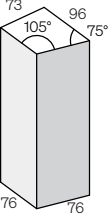
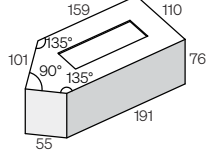
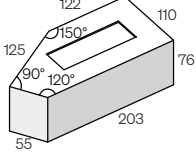
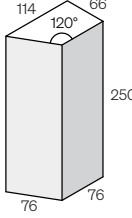
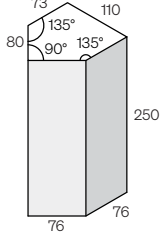
Bullnose HV Internal Return Right (10) and Bullnose Coper (17).



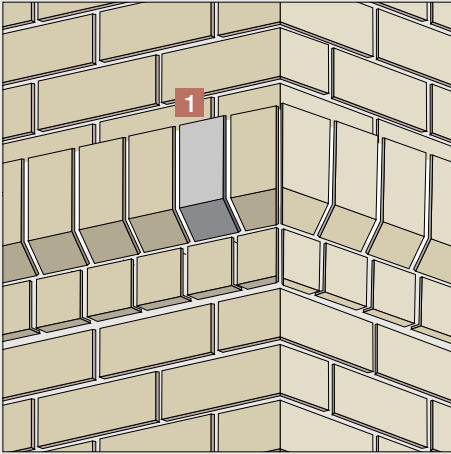
Single Full Bullnose (18), Single Bullnose Stop Left (3) and Double Bullnose Stop (13).

Cants

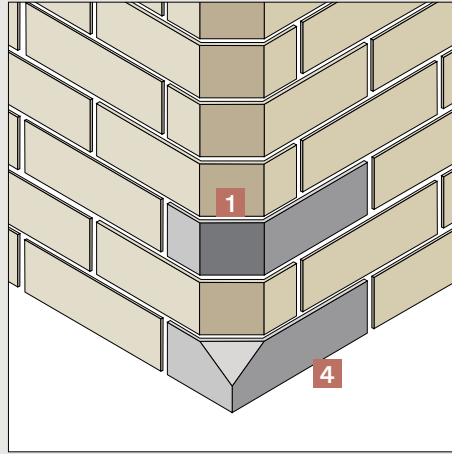
Cants, or angle bricks, carry a building element through an angle other than 90 degrees. Cants are often used for feature brickworks where clean lines are required. Corner details, window or door reveals and piers are common applications for cants.

- | | | | | |
|--|--|--|--|---|
|  <p>1 SINGLE CANT
(STANDARD SHAPE)</p> |  <p>2 DOUBLE CANT
(STANDARD SHAPE)</p> |  <p>3 SINGLE CANT STOP
LEFT SS35</p> |  <p>4 SINGLE CANT STOP
RIGHT SS36</p> |  <p>5 DOUBLE CANT STOP
SS37</p> |
|  <p>6 162 SINGLE CANT
SS45</p> |  <p>7 DOUBLE CANT RETURN
SS47</p> |  <p>8 SP 3</p> |  <p>9 SP 5</p> |  <p>10 SP 6</p> |
|  <p>11 SP 9</p> |  <p>12 SP 13</p> |  <p>13 SP 16</p> |  <p>14 SP 17</p> |  <p>15 SP 18</p> |

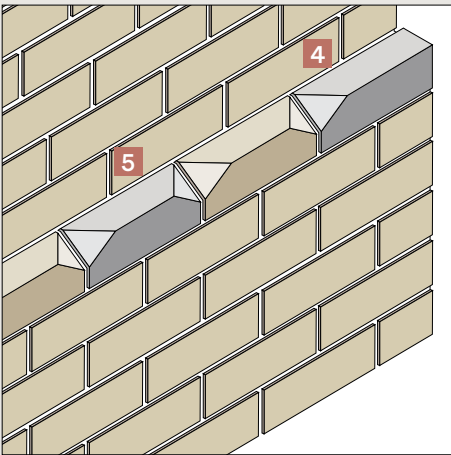
Applications



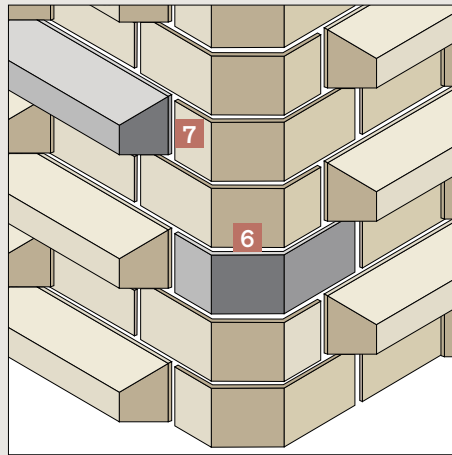
Single Cant (Standard Shape) (1).



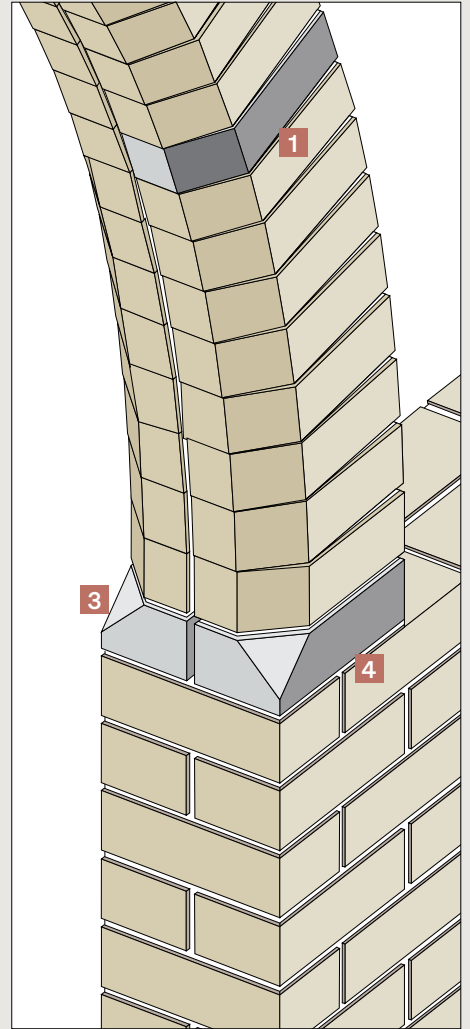
Single Cant (Standard Shape) (1) and Single Cant Stop Right (4).



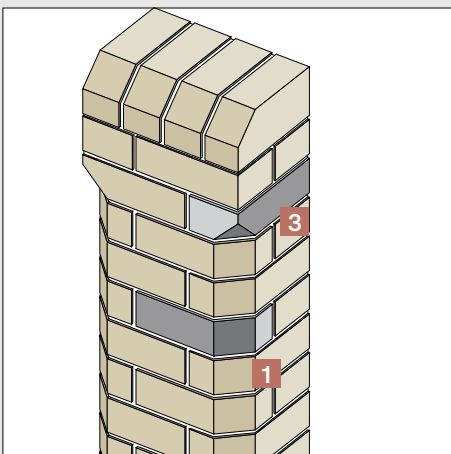
Double Cant Stop (5) and Single Cant Stop Right (4).



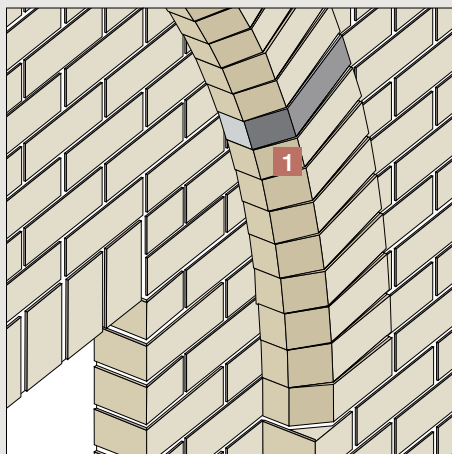
162 Single Cant (6) and Double Cant Return (7).



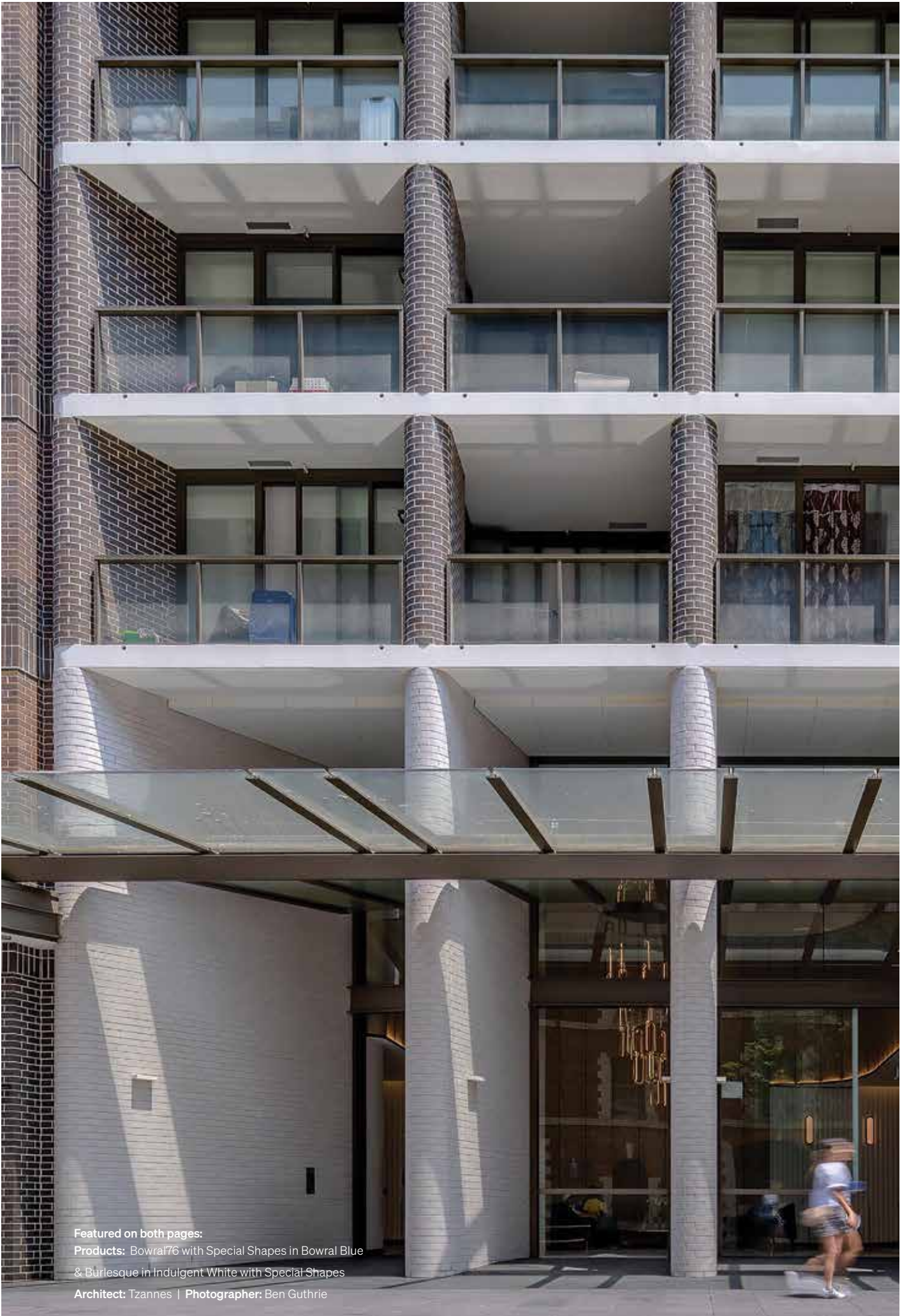
Single Cant (Standard Shape) (1) Single Cant Stop Left (3) and Single Cant Stop Right (4).



Single Cant Stop Left (3) and Single Cant (Standard Shape) (1)



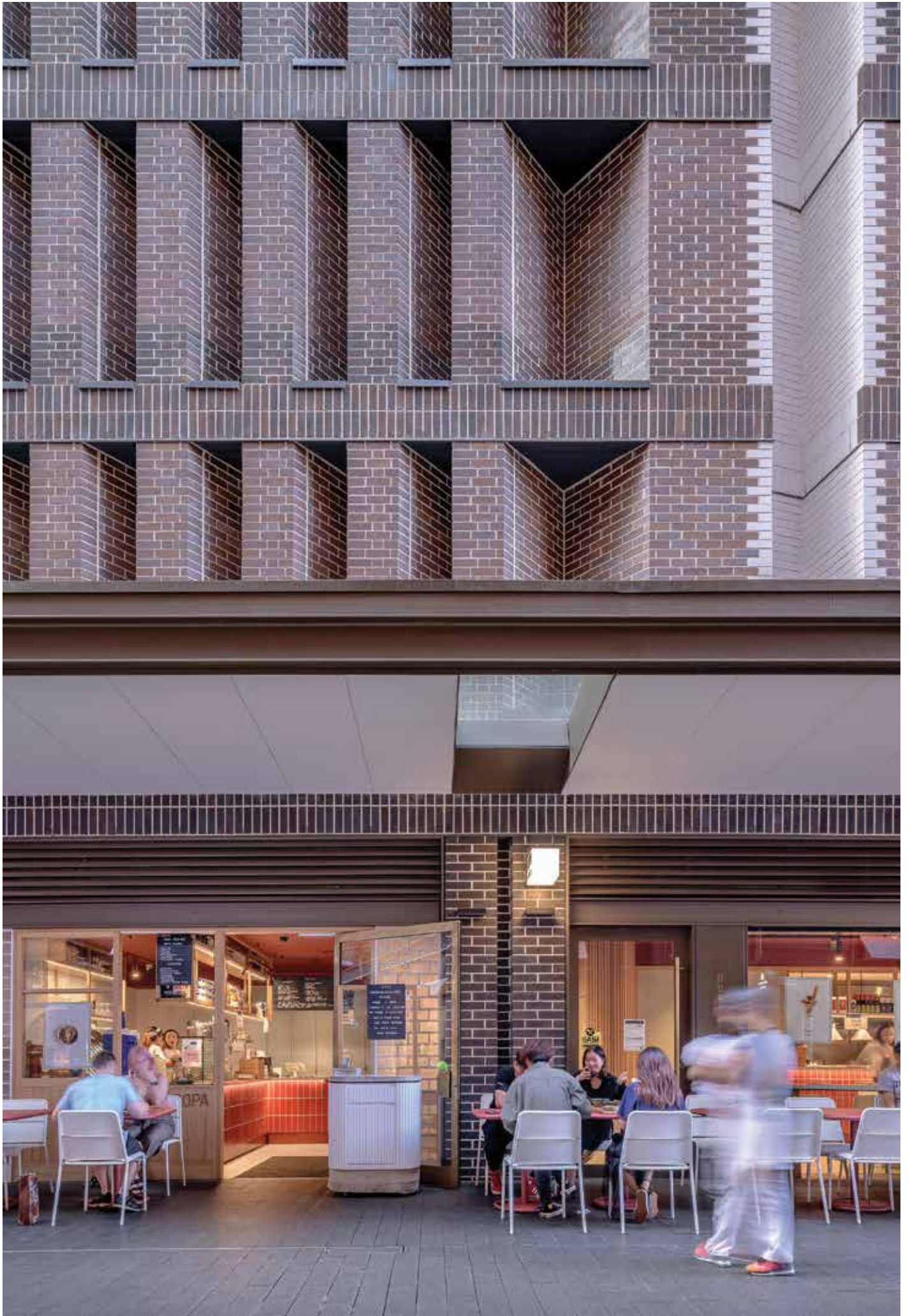
Single Cant (Standard Shape) (1).



Featured on both pages:

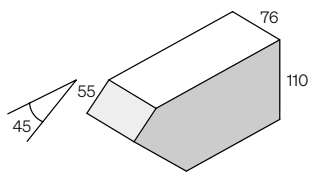
Products: Bowra76 with Special Shapes in Bowral Blue
& Burlesque in Indulgent White with Special Shapes

Architect: Tzannes | Photographer: Ben Guthrie

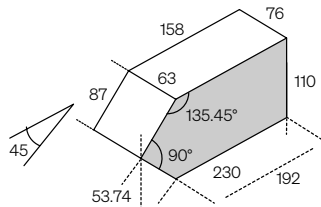


Squints

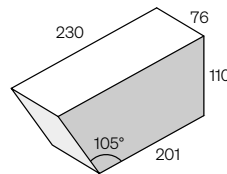
Squint Bricks are typically used to create angled corners. They are available in a range of angles, to reduce the need for brick cutting on projects and ensure a high quality finish.



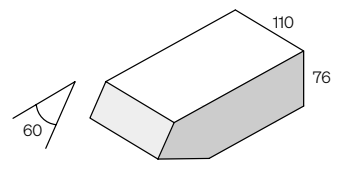
1 SQUINT
(STANDARD SHAPE)



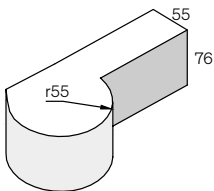
2 SQUINT
45 DEGREE



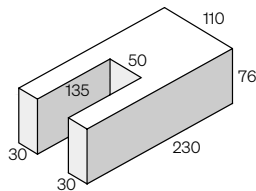
3 MITRED BAT
SS42
ALSO AVAILABLE IN
59°, 75° and 110°



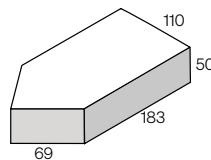
4 SQUINT 60 DEGREE
SS43



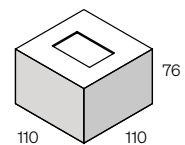
5 PISTOL
SS48



6 CONDUIT
SS54

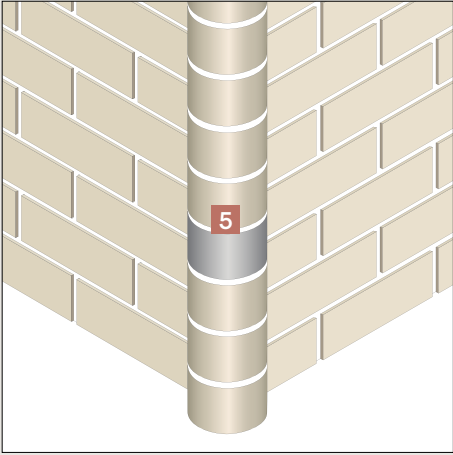


7 BRK-2-SP1

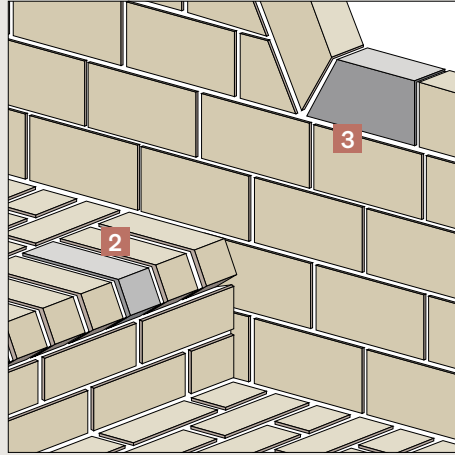


8 BRK-2-HALF BATT

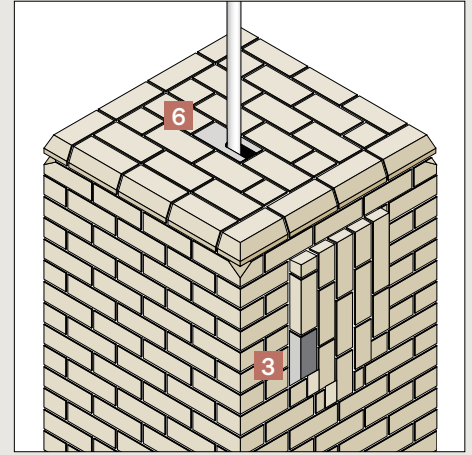
Applications



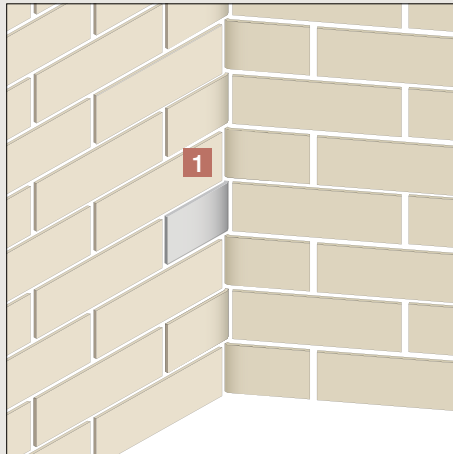
Pistol (5).



Mitred Bat (3) and Squint 45 Degree (2).



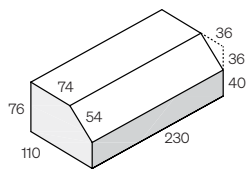
Conduit (6) and Mitred Bat (3).



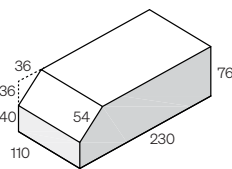
Squint (Standard Shape) (1).

Plinths

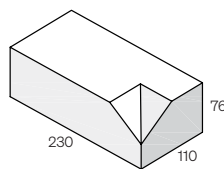
Plinths are splayed bricks that create changes in depth for brick elevations. Plinths provide decorative options for window sills, corbelling details and wall capping.



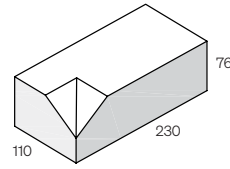
1 PLINTH STRETCHER
SS16



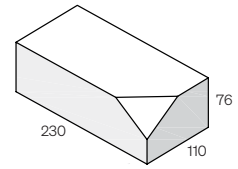
2 PLINTH HEADER
SS17



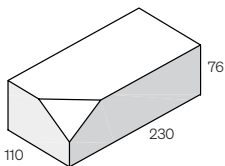
3 PLINTH SHORT
INTERNAL
RETURN LEFT
SS20



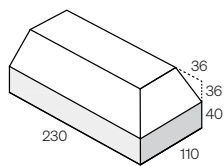
4 PLINTH SHORT
INTERNAL
RETURN RIGHT
SS21



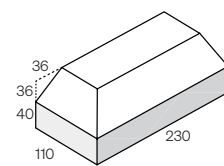
5 PLINTH SHORT SPLAY
STOP LEFT
SS22



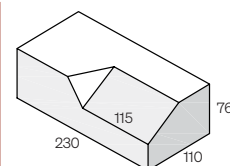
6 PLINTH SHORT SPLAY
RIGHT
SS23



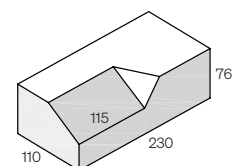
7 SINGLE PLINTH
EXTERNAL
RETURN LEFT
SS24



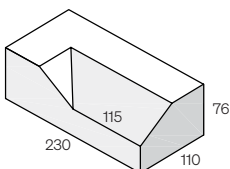
8 SINGLE PLINTH
EXTERNAL
RETURN RIGHT
SS25



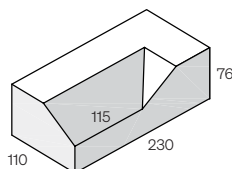
9 PLINTH LONG SPLAY
STOP LEFT
SS26



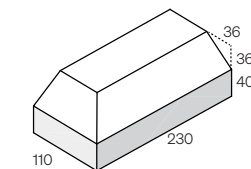
10 PLINTH LONG SPLAY
STOP RIGHT
SS27



11 PLINTH LONG
INTERNAL
RETURN LEFT
SS28

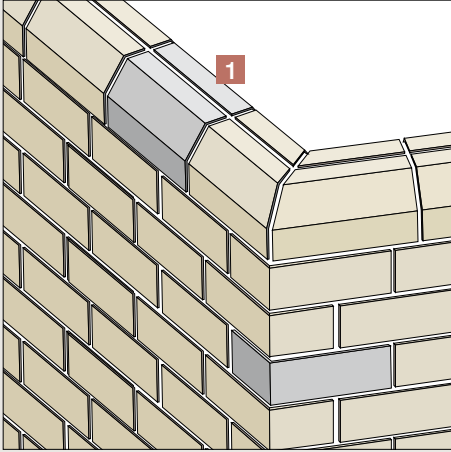


12 PLINTH LONG INTERNAL
RETURN RIGHT
SS29

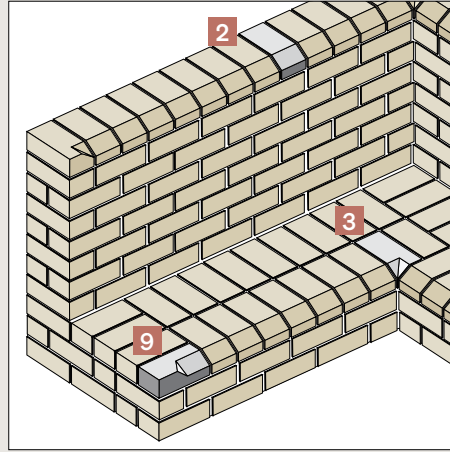


13 DOUBLE PLINTH EXTERNAL
RETURN
SS30

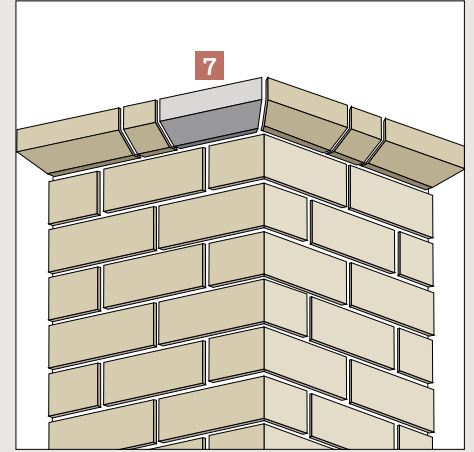
Applications



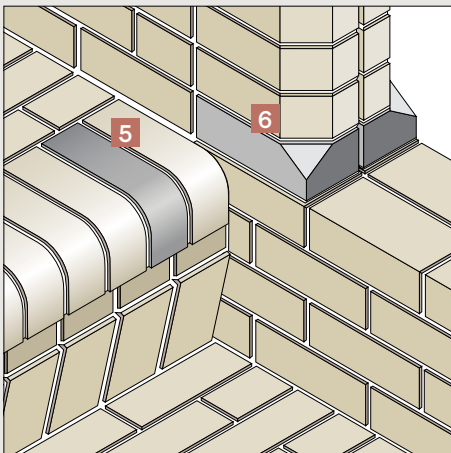
Plinth Stretcher (1).



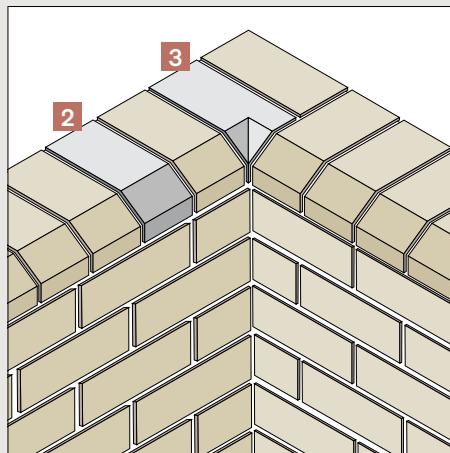
Plinth Header (2), Plinth Long Splay Stop Left (9) and Plinth Short Internal Return Left (3).



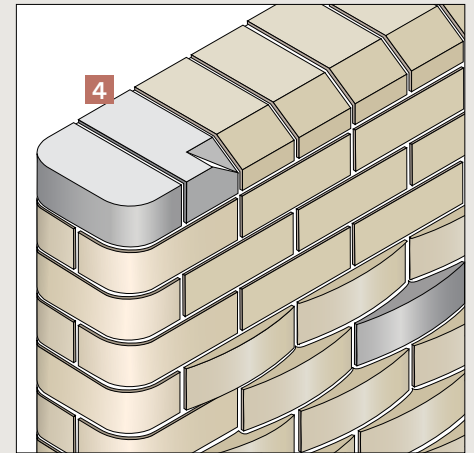
Single Plinth External Return Left (7).



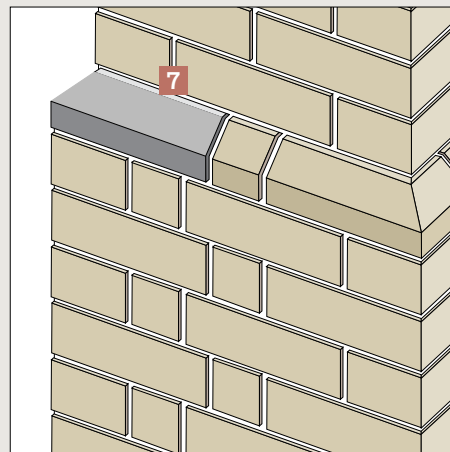
Single Bullnose with Plinth Short Splay Stop Left (5) and Plinth Short Splay Stop Right (6).



Plinth Header (2) and Plinth Short Internal Return Left (3).



Double Bullnose with Plinth Short Internal Return (4) and Radial.



Single Plinth External Return (7).

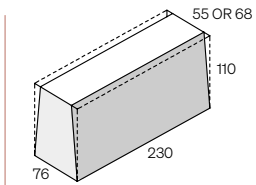




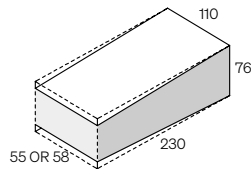
Products: Bowral76 in Embassy Red
Architect: BVN
Photographer: John Gollings

Radials

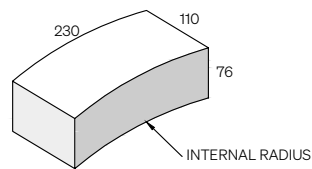
Radial bricks are used to achieve curved brickwork. Bowral Bricks offers a wide range of radii to provide greater potential for rounded forms. Transition bricks are provided to avoid poor quality junctions where curved brickwork meets straight walls. All radial shapes are available as standard 76mm height (pictured) or as a 50mm slimline version.



1 CULVERT HEADER
SS40
(DIMENSIONS NEED TO BE SPECIFIED)

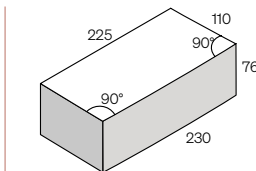


2 CULVERT STRETCHER
SS41
(DIMENSIONS NEED TO BE SPECIFIED)

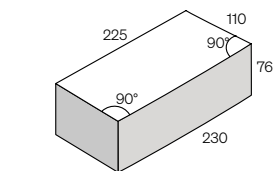


3 RADIAL STRETCHER
INTERNAL RADIUS 530 MM SS49
INTERNAL RADIUS 1700 MM SS38
INTERNAL RADIUS 2300 MM SS39

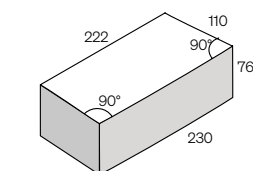
Special radial bricks



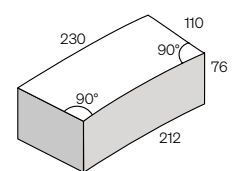
4 BRK-1-R5000



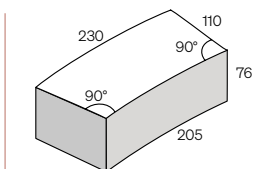
5 BRK-1-R3800



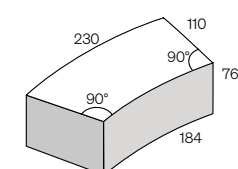
6 BRK-1-R3200



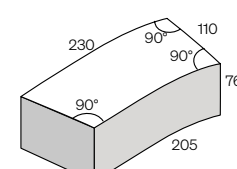
7 BRK-1-R1400



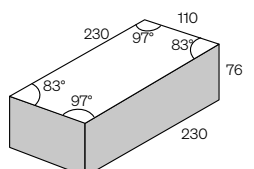
8 BRK-1-R1000



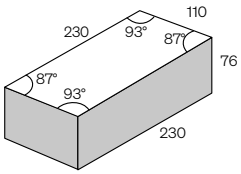
9 BRK-1-R545



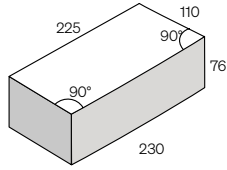
10 BRK-1-TR545



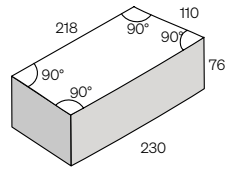
11 BRK-1-SP1



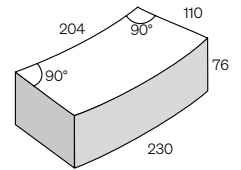
12 BRK-1-SP2



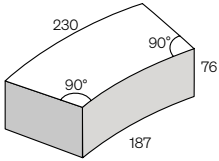
13 BRK-2-R4775



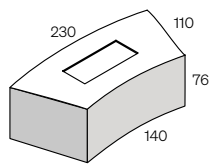
14 BRK-2-R2100



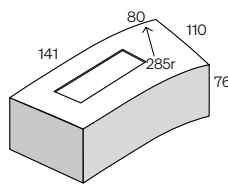
15 BRK-2-R1000



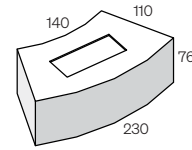
16 BRK-2-R595



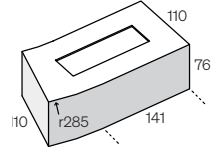
17 BRK-2-R285



18 BRK-2-TR285

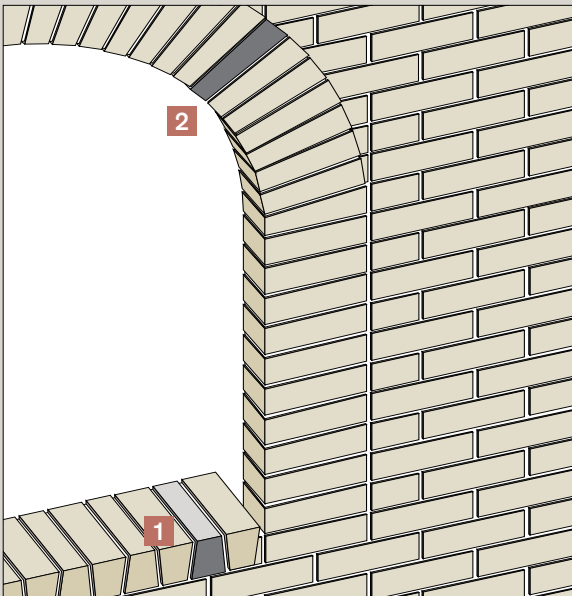


19 SP 11

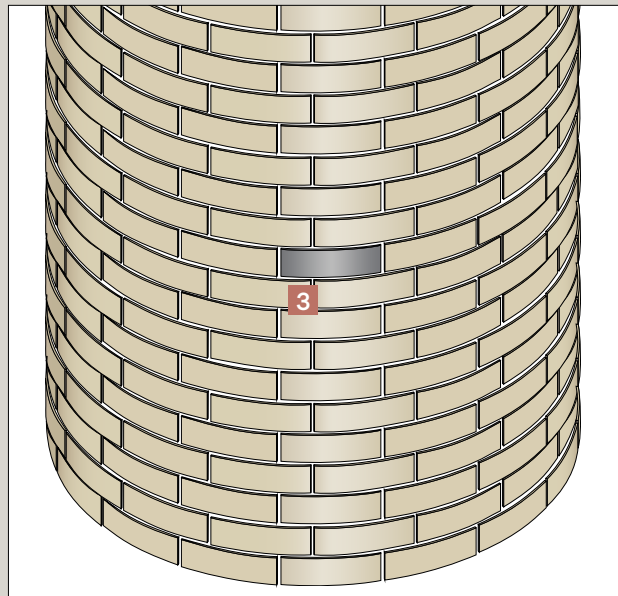


20 SP 12

Applications



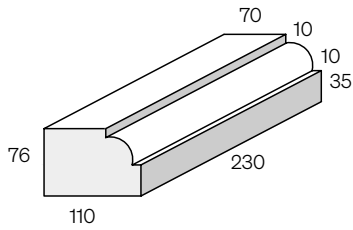
Culvert Stretcher (2) and Culvert Header (1).



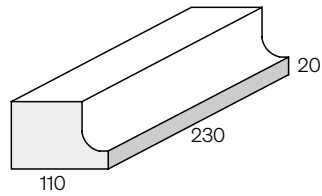
Radial Stretcher (3).

Sculptured

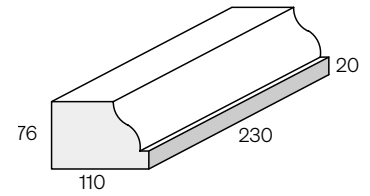
Sculptured shapes allow for unique details around wall edges, sills and capping.



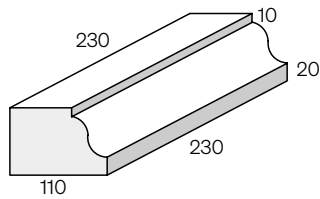
1 SCULPTURED PLINTH
OVOLO STRETCHER SS31



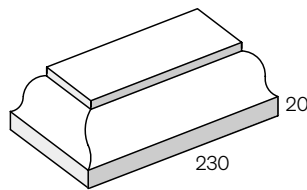
2 SCULPTURED PLINTH
SCOTIA STRETCHER SS32



3 SCULPTURED PLINTH
OGEE 1 STRETCHER SS33

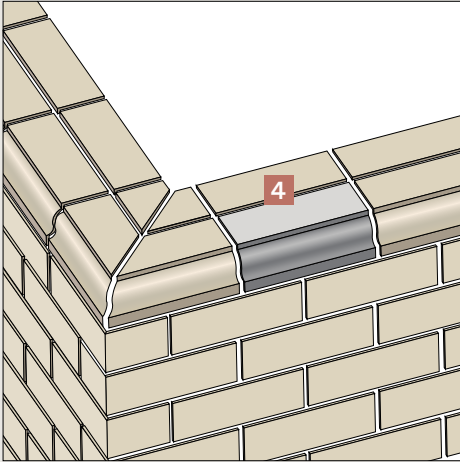


4 SCULPTURED PLINTH
OGEE 2 STRETCHER SS34

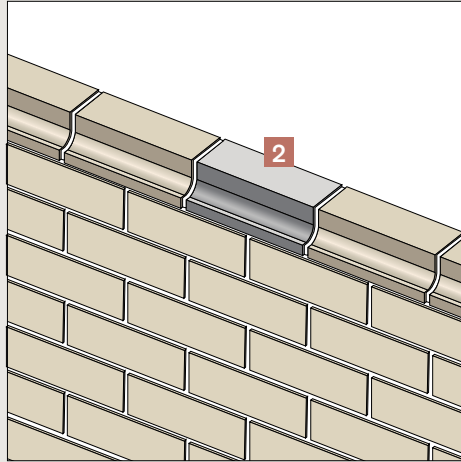


5 SCULPTURED PLINTH
DOUBLE RETURN

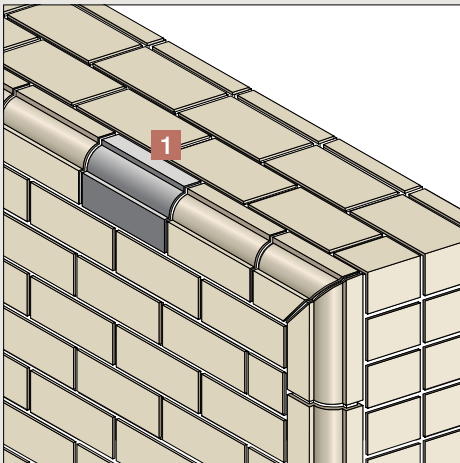
Applications



Sculptured Plinth Ogee 2 Stretcher (4).



Sculptured Plinth Scotia Stretcher (2).



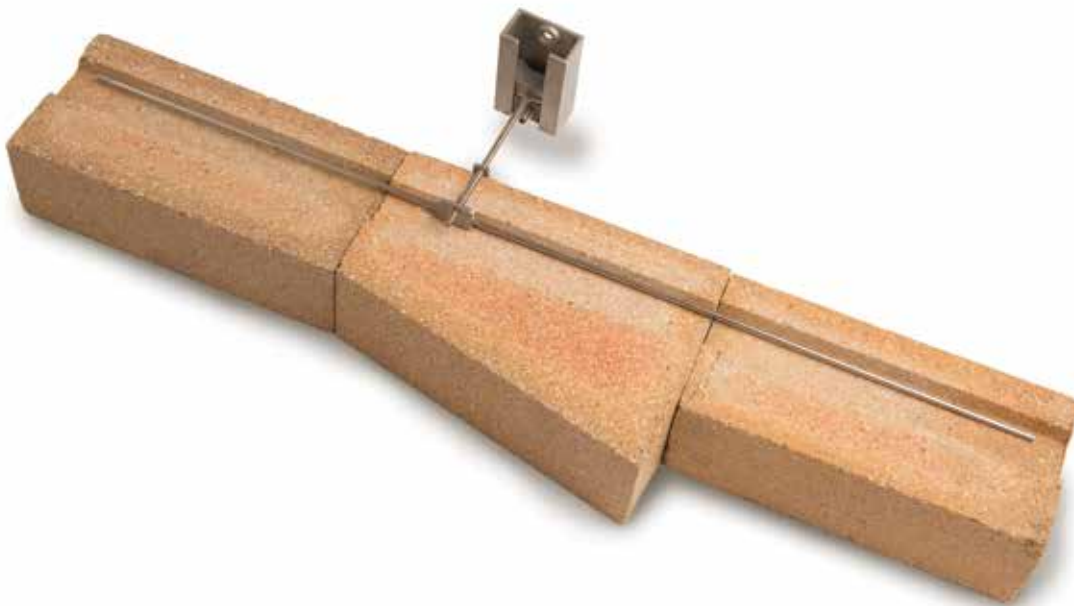
Sculptured Plinth Ovolo Stretcher (1).



These custom shape bricks were made by Bowral Bricks for use on the Dr Chau Chak Wing Building at the University of Technology, Sydney.

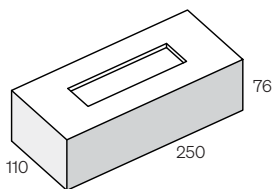
From left: Centre Rebate, K Shape, Offset Rebate and L Shape.

Below: A specially-engineered wall tie keys into the rebate and anchors the bricks to the inner steel wall, restraining the brickwork until the mortar hardens.

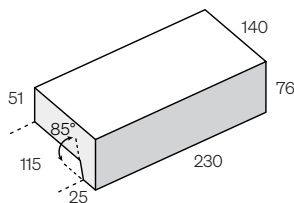


Customised Solutions

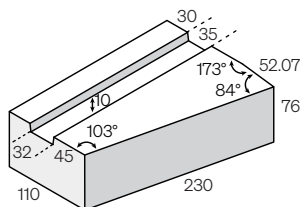
The team at Bowral Bricks enjoy the challenge of working with you to bring your design to life. Shapes can be customised to suit your project. These are some examples of designs that have come from specific project requirements and are now readily available.



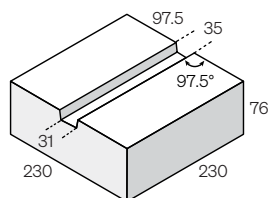
1 SP 8



2 L Shape



3 K Shape



4 Double Width Shape





Product: Bowral 76 in Simmental Silver

Architect: WOWOWA Architecture

Photographer: Shannon McGrath

Mortex

MORTEX is a factory manufactured, quality assured premixed M4 rated mortar solution. Its consistency can save labour time, increase efficiency, remove the need for on site blending, and it is compliant with AS3700:2018. MORTEX takes the guess work out of mortar blending and reduces the potential for under strength, non compliant mortar use.

This can ultimately reduce potential liabilities, saving money and time on rectifications. With the adoption of ISO9001:2008 principles, the mortar constituents are accurately measured and blended in a controlled environment to ensure consistent, homogeneous mortar is produced on-site.

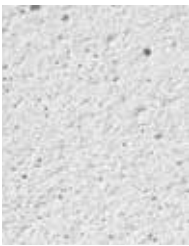
Mortar colours

White mortar is currently the most popular colour. This is made by mixing light coloured cement and white sand and results in a traditional brick and mortar look. Mortar can be coloured by adding powdered or liquid pigments to the mortar as it is being mixed by the bricklayer. It can also be tinted to match the

brick colour, giving a very even wall colour. Please confirm with your bricklayer what their mortar colouring offering is before making your final decision.

For more information on MORTEX, please visit: australbricks.com.au/NSW/product/Mortex

Standard



MORTEX White



MORTEX (Grey)



MORTEX Charcoal

Custom



Limestone



Pebble



Bark



Pewter



Nickel



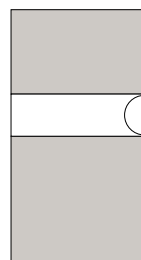
Oak



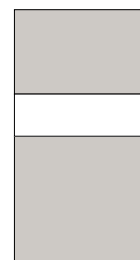
Gumnut

Recommended mortar finishes

The recommended mortar finishes for Bowral Bricks are Ironed or Rolled joints as they are sometimes referred to, and Flush joints. Ironed joints create a subtle shadow line, accentuating the horizontal lines of the brickwork. A flush joint doesn't allow for shadow lines to form at all, giving the wall a flatter, more unified look. Using a mortar to colour match the brick will enhance this look even further.



Ironed



Flush

Product information index

National Collection	Colour	Durability Class	Solar Absorbance Rating	Size (mm) & Finish Options	Colour Group	Colour Scheme	
BOWRAL DRY PRESSED BRICKS	BOWRAL	Bowral Blue	EXP	D	230x110x76, 230x110x50, 300x110x50, Satin*	● Blackish	Sterling
		Bowral Brown	EXP	D	230x110x76, 230x110x50, 300x110x50, Satin*	● Tan	Bisque
		Brahman Granite	EXP	D	230x110x76, 230x110x50, 300x110x50, Satin*	● Warm Grey	Taupe
		Capitol Red	EXP	M	230x110x76, 230x110x50, 300x110x50, Satin*	● Red	Rouge
		Chillingham White	EXP	L	230x110x76, 230x110x50, 300x110x50, Satin*	○ White	Blanco
		Embassy Red	EXP	M	230x110x76, 230x110x50, 300x110x50, Satin*	● Red	Rouge
		Gertrudis Brown	EXP	D	230x110x76, 230x110x50, 300x110x50, Satin*	● Brown	Sienna
		Hereford Bronze	EXP	D	230x110x76, 230x110x50, 300x110x50, Satin*	● Tan	Bisque
		Limousin Gold	EXP	D	230x110x76, 230x110x50, 300x110x50, Satin*	● Cream	Crema
		Murray Grey	EXP	M	230x110x76, 230x110x50, 300x110x50, Satin*	● Cool Grey	Bisque
		Renovation Gertrudis Brown	EXP	D	230x110x76, 230x110x50, 300x110x50, Satin*	● Brown	Sienna
		Shorthorn Mix	EXP	M	230x110x76, 230x110x50, 300x110x50, Satin*	● Red	Rouge
		Simmental Silver	EXP	M	230x110x76, 230x110x50, 300x110x50, Satin*	● Cool Grey	Taupe
		St. Pauls Cream	EXP	L	230x110x76, 230x110x50, 300x110x50, Satin*	● Cream	Bisque

National Collection	Colour	Durability Class	Solar Absorbance Rating	Size (mm) & Finish Options	Colour Group	Colour Scheme	
BOWRAL DRY PRESSED PAVERS	HAMLET	Ash	EXP	P5	230x76x65	● Cool Grey	Sterling
		Bowral Blue	EXP	P5	230x76x65	● Blackish	Raven
		Sepia	EXP	P5	230x76x65	● Brown	Sienna
	LONDON	Bowral Blue	EXP	P5	230x114x65	● Blackish	Raven
		Brahman Granite	EXP	P5	230x114x65	● Warm Grey	Taupe
		Chestnut	EXP	P5	230x114x65	● Tan	Bisque
		Maple	EXP	P5	230x114x65	● Brown	Crema
		Regency Grey	EXP	P5	230x114x65	● Tan	Bisque
		Silver Sand	EXP	P5	230x114x65	● Cool Grey	Sterling

*Made to order.

EXP = Exposure grade

Suitable for use in external walls exposed to aggressive environments, such as; areas subjected to salts in the soil, adjacent material or ground water, in coastal areas exposed to attack from windborne salt spray, or retaining walls subjected to fertilisers and ground salts. All Bowral bricks and pavers achieve Exposure Grade classification.

Slip resistance

The Wet Pendulum Slip Test, outlined in AS 4586, classifies the slip rating of new surface materials that are prone to water exposure. The material is tested using a Pendulum Friction Tester and scored a British Pendulum Number (BPN). The slip rating is based on a minimum of five (5) tests, in which the average of the last three (3) BPN score is used. This average score is referred to as the Slip Resistance Value (SRV) and is classified from P0 (Least resistant) to P5 (Most resistant). All Bowral pavers have achieved a P5 rating.

Backed by Brickworks

Local expertise. Global quality. Brickworks Building Products is one of Australia's biggest building material producers. With heritage going all the way back to one of Australia's founding brick producers, we're proud of our reputation for design, innovation and sustainability.

BRICKWORKS

AUSTRALIA



NORTH AMERICA



EXCLUSIVE DISTRIBUTOR





Products: Bowral76 in Hereford Bronze & Bowral Blue

Architect: Koichi Takada Architects

Photographer: Martin Siegner @frmez



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The product images shown in this brochure give a general indication of product colour for your preliminary selection. Austral Masonry recommends all customers see actual product samples at a selection centre prior to making final selections. 1. Stock colours. Colours other than stock colours are made to order. Contact your nearest Austral Masonry office for your area's stock colours. A surcharge applies to orders less than the set minimum quantity. 2. Colour and texture variation. The supply of raw materials can vary over time. In addition, variation can occur between product types and production batches. 3. We reserve the right to change the details in this publication without notice. 4. For a full set of Terms & Conditions of Sale please contact your nearest Austral Masonry sales office. 5. Important Notice. Please consult with your local council for design regulations prior to the construction of your wall. Councils in general require those walls over 0.5m in height and/or where there is loading such as a car or house near the wall be designed and certified by a suitably qualified engineer. 6. Max wall heights disclaimer. The gravity wall heights are maximum heights calculated in accordance with CMAA MA-53 Appendix D guidelines and a qualified engineer should confirm the suitability of the product for each application. As such, due consideration must be given to but not limited to: Cohesion. Dry backfill, no ingress of any water into the soil behind the retaining wall. All retaining walls are designed for zero surcharge unless noted otherwise. These walls are intended for structure Classification A walls only as defined in AS4678 Earth Retaining Structures as being where failure would result in minimal damage and/or loss of access.

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