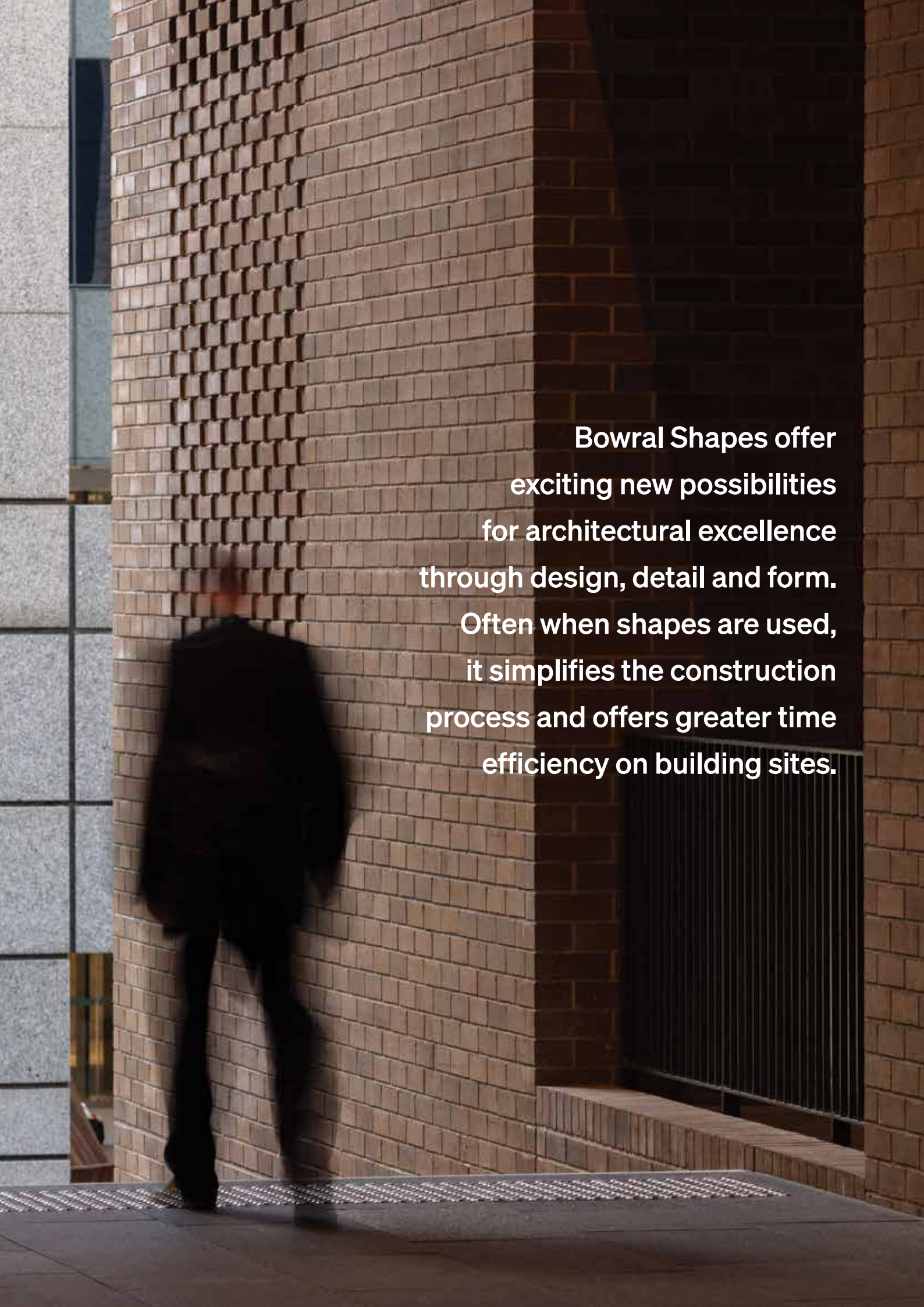


Bowral Shapes



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.**

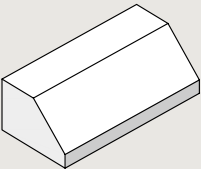
**At Bowral we don't just
inspire the imagination,
we help build it**

Contents

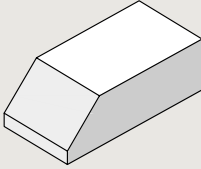
Terminology	4
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Terminology

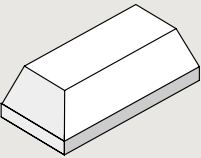
These are some common terms used when referring to Bowral Shapes.



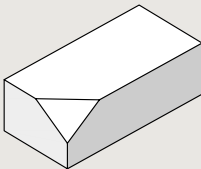
Stretcher
A stretcher brick has a design running along the 230mm edge of the brick



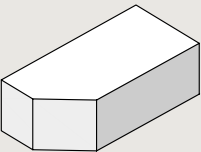
Header
A header brick has a design running along the 110mm edge of the brick



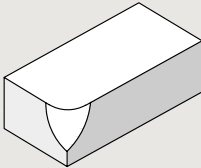
Return
A return is a corner unit, either internal or external



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

100 YEAR
PRODUCT WARRANTY

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, sills, piers and capping. They can also be used to create subtle curves in projecting brickwork.

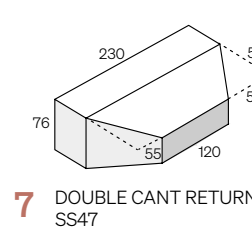
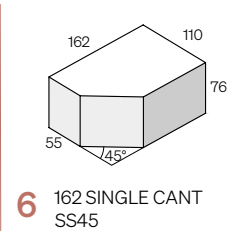
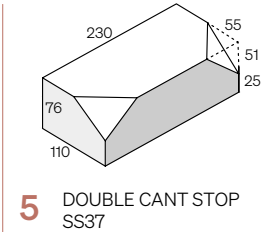
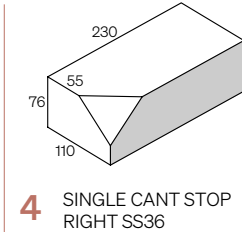
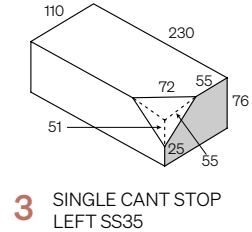
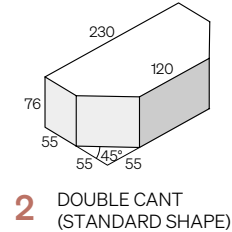
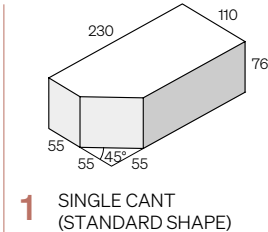
 1 SINGLE BULLNOSE (STANDARD SHAPE)	 2 DOUBLE BULLNOSE (STANDARD SHAPE)	 3 SINGLE BULLNOSE STOP LEFT SS01	 4 SINGLE BULLNOSE STOP RIGHT SS02	 5 SINGLE BULLNOSE EXTERNAL RETURN LEFT SS03
 6 SINGLE BULLNOSE EXTERNAL RETURN RIGHT SS04	 7 SINGLE BULLNOSE INTERNAL RETURN LEFT SS05	 8 SINGLE BULLNOSE INTERNAL 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

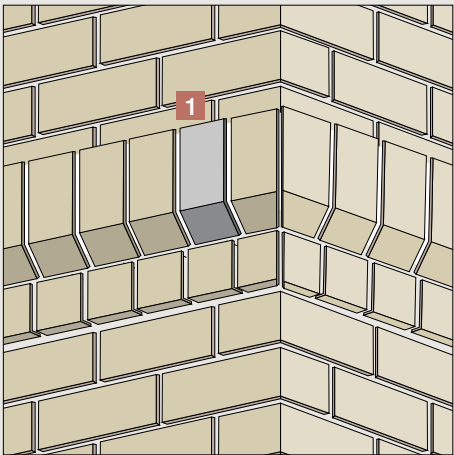
 Double Bullnose (Standard Shape) (2) with a plinth stretcher.	 Double Bullnose Internal Return (15) and Bullnose Stretcher (16).	 Bullnose HV Internal Return Left (9), Bullnose Stretcher (16), Bullnose Coper (17) and Single Bullnose (1).
 Bullnose Coper (17)	 Single Bullnose External Return Right (6), 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

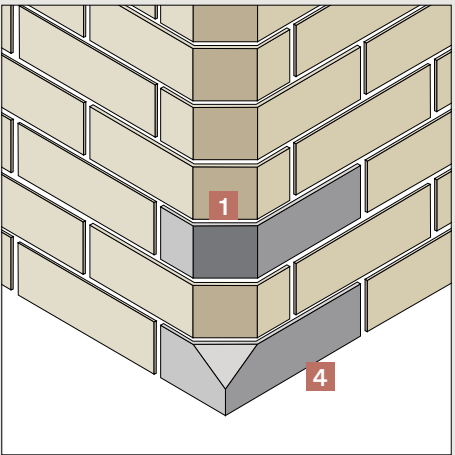
Cants, or angle bricks, carry a building element through an angle other than 90 degrees. Cants are often used for feature brickwork where clean lines are required. Corner details, window or door reveals and piers are common applications for cants.



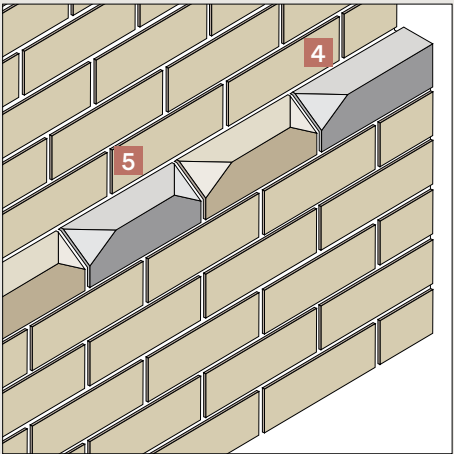
Applications



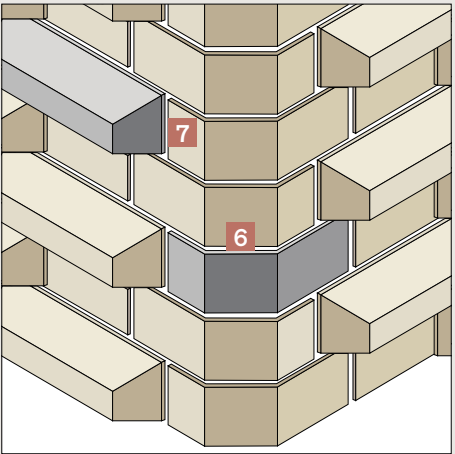
Single Cant (Standard Shape) (1).



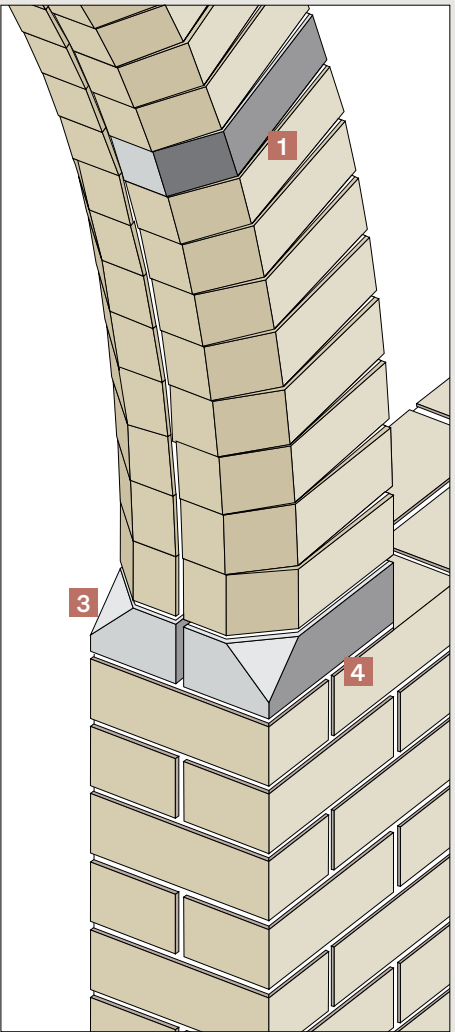
Single Cant (Standard Shape) (1) and Single Cant Stop Right (4).



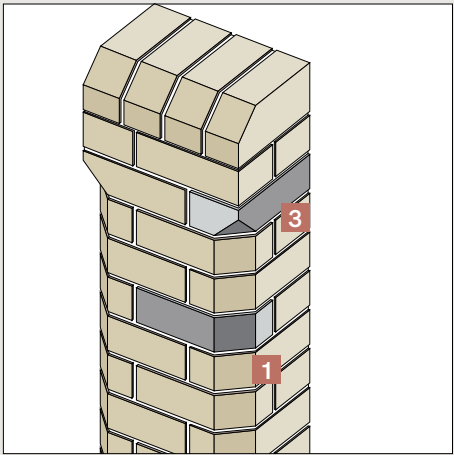
Double Cant Stop (5) and Single Cant Stop Right (4).



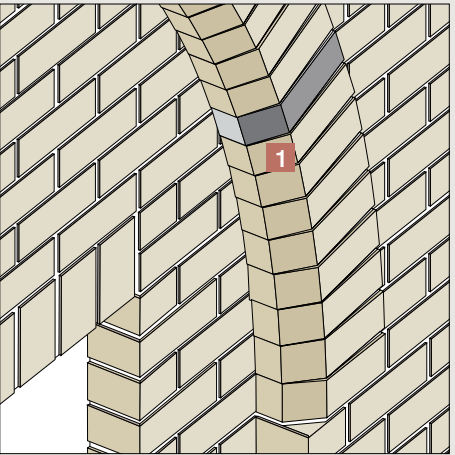
162 Single Cant (6) and Double Cant Return (7).



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).



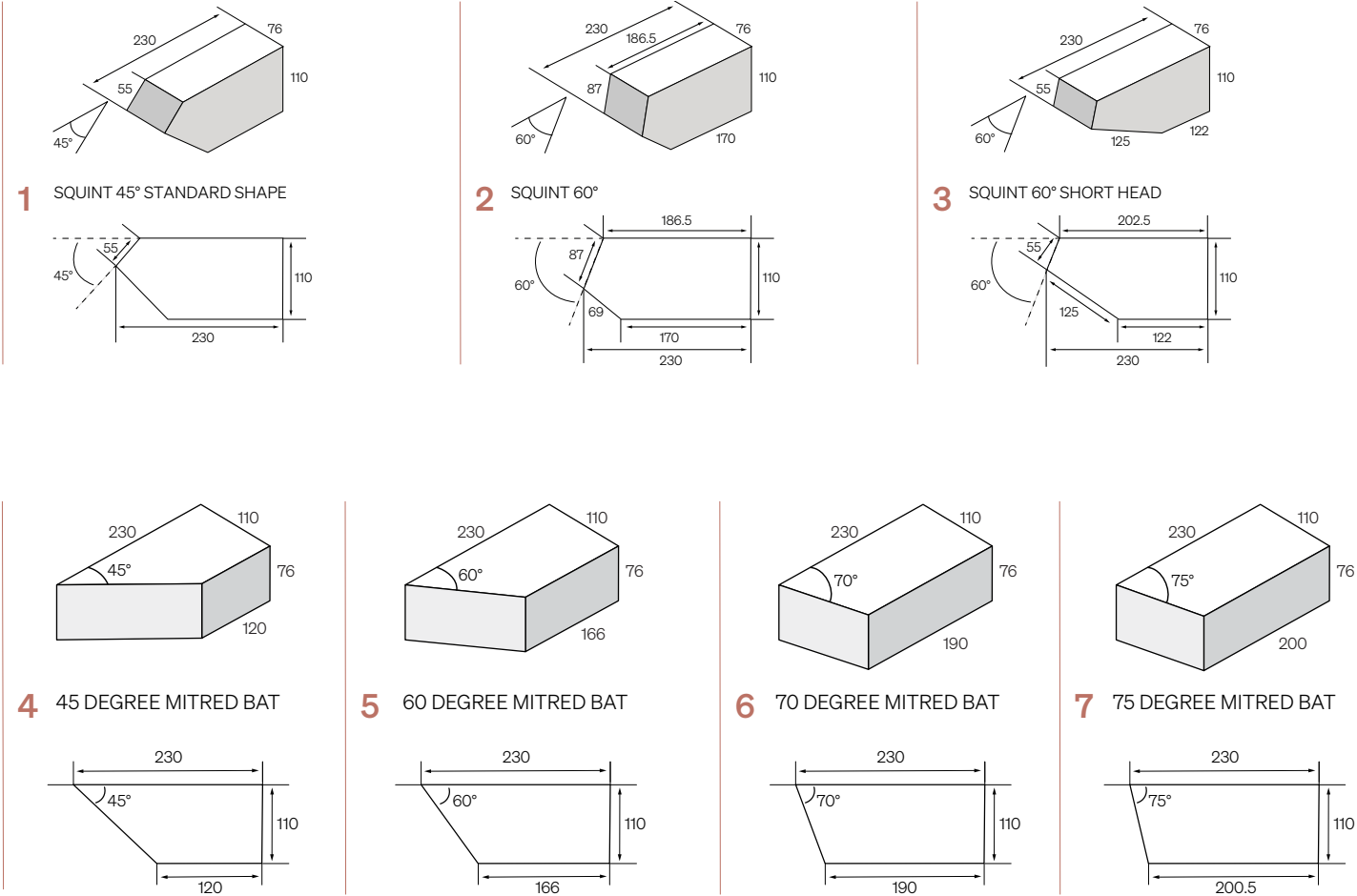
Single Cant (Standard Shape) (1).



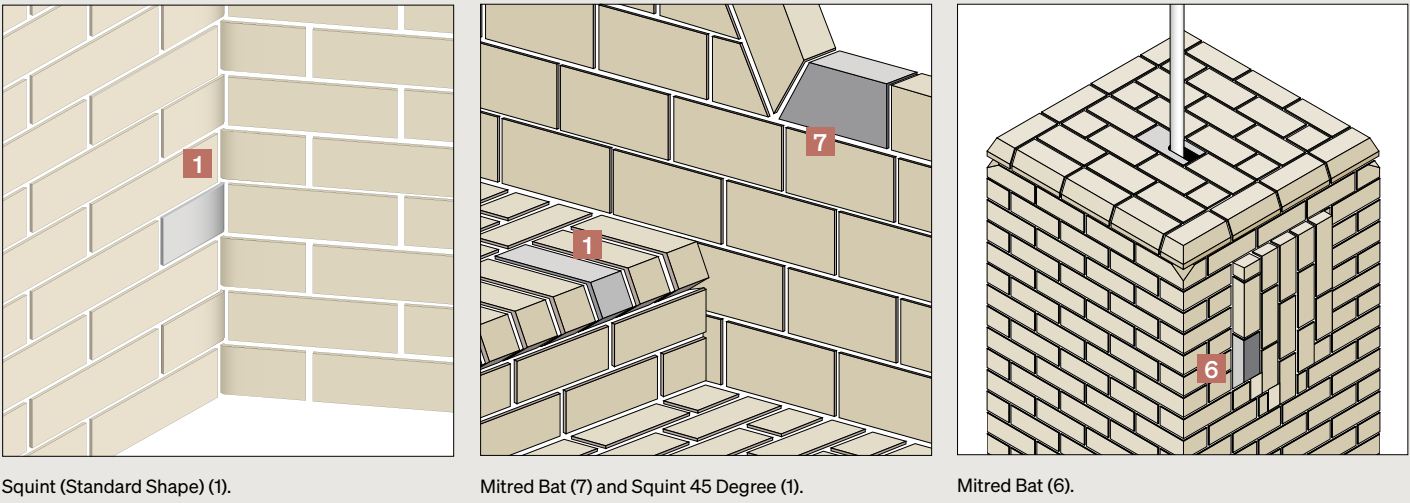
Featured on both pages:
Products: Bowral76 with Special Shapes in Bowral Blue
& Burlesque in Indulgent White with Special Shapes
Architect: Tzannes | Photographer: Ben Guthrie

Squints & Mitred Bats

Squint and Mitred Bat 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.



Applications



Squint (Standard Shape) (1).

Mitred Bat (7) and Squint 45 Degree (1).

Mitred Bat (6).

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).

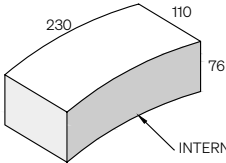
Double Bullnose with Plinth Short Internal Return (4) and Radial.

Single Plinth External Return (7).

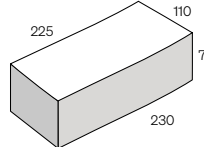


Radial & Transition Bricks

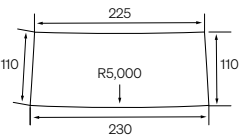
Radial bricks are used to achieve curved brickwork. Bowral Bricks offers a wide range of radii to provide greater potential for rounded forms. Transition bricks are provided to avoid poor quality junctions where curved brickwork meets straight walls. All radial shapes are available as standard 76mm height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



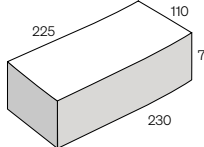
1 RADIAL STRETCHER
INTERNAL RADIUS 530 MM SS49
INTERNAL RADIUS 1700 MM SS38
INTERNAL RADIUS 2300 MM SS39



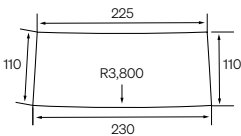
2 5000mm RADIAL



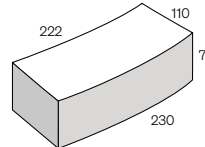
CONVEX FACE



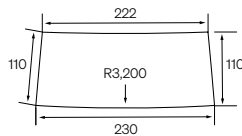
3 3800mm RADIAL



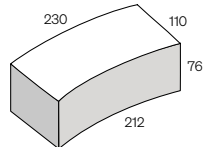
CONVEX FACE



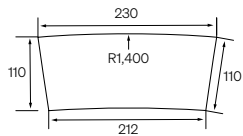
4 3200mm RADIAL



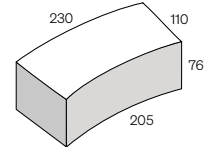
CONVEX FACE



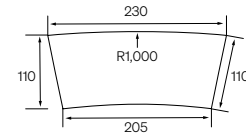
5 1400mm RADIAL



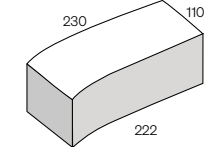
CONCAVE FACE



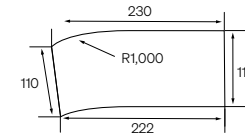
6 1000mm RADIAL



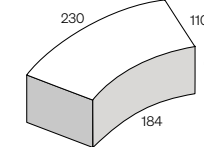
CONCAVE FACE



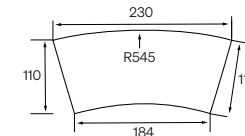
7 1000mm TRANSITION



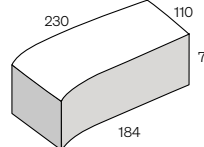
CONCAVE FACE



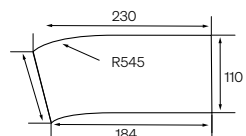
8 545mm RADIAL



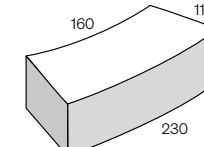
CONCAVE FACE



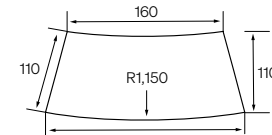
9 545mm TRANSITION



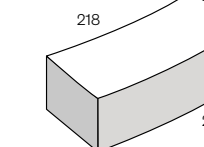
CONCAVE FACE



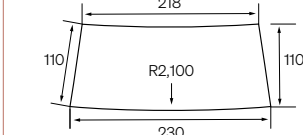
10 1150mm RADIAL



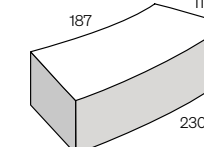
CONVEX FACE



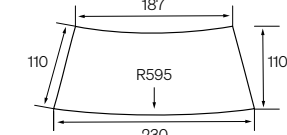
11 2100mm RADIAL



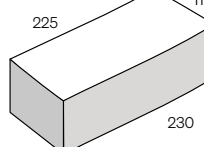
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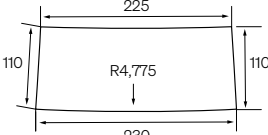
12 R595mm RADIAL



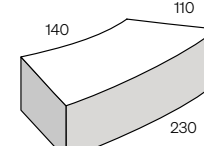
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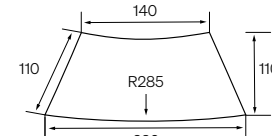
13 4775mm RADIAL



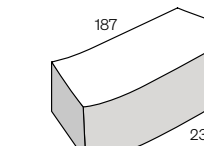
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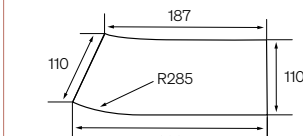
14 285mm RADIAL



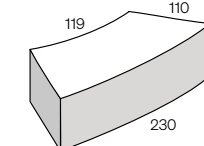
CONVEX FACE



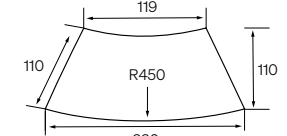
15 285mm TRANSITION



CONVEX FACE

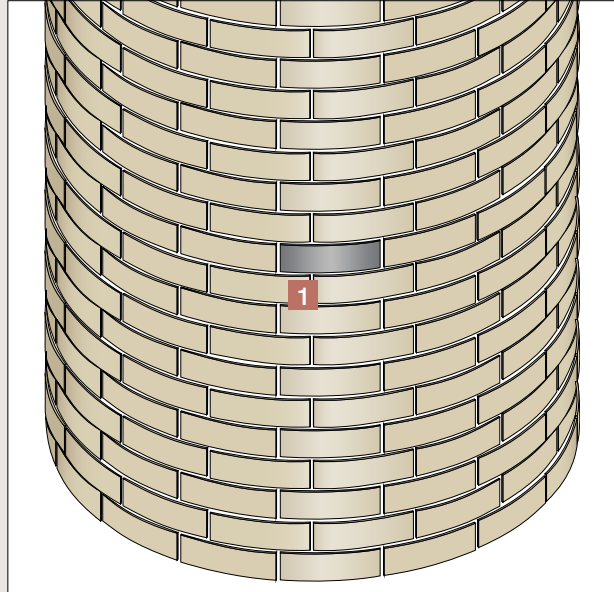


16 450mm RADIAL

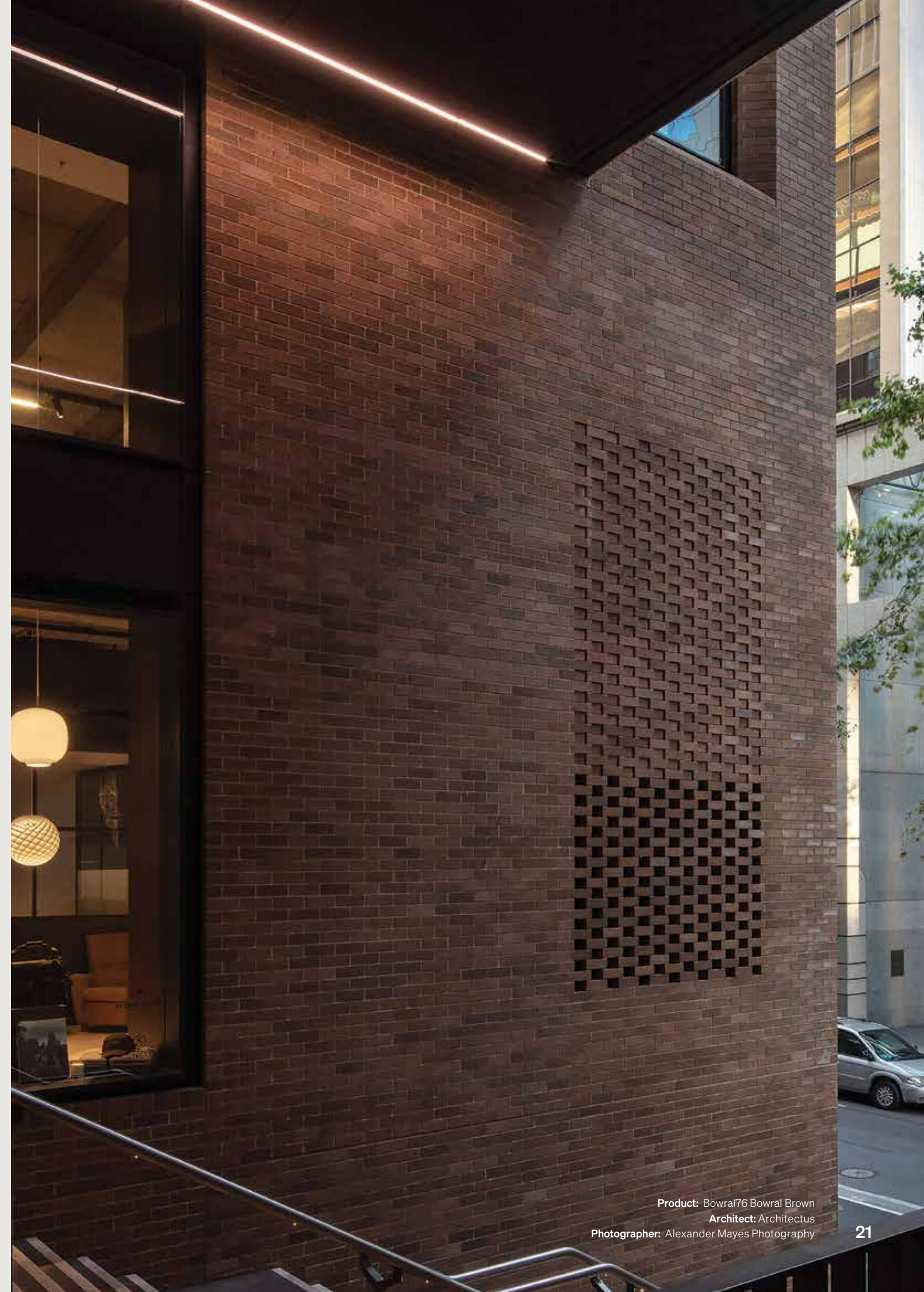


CONVEX FACE

Applications

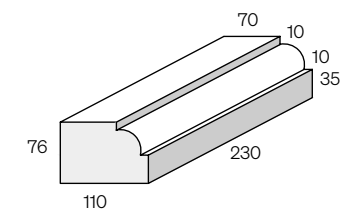


Radial Stretcher (1).

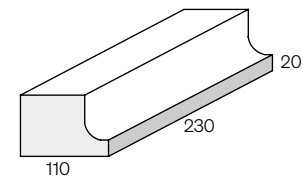


Sculptured

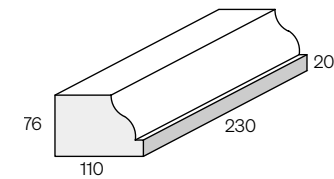
Sculptured shapes allow for unique details around wall edges, sills and capping.



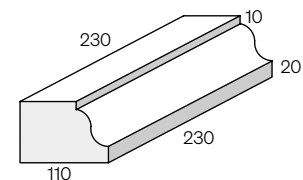
1 SCULPTURED PLINTH
OVOLO STRETCHER SS31



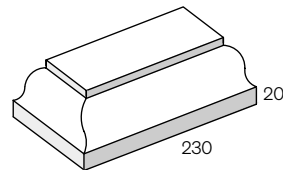
2 SCULPTURED PLINTH
SCOTIA STRETCHER SS32



3 SCULPTURED PLINTH
OGEE 1 STRETCHER SS33

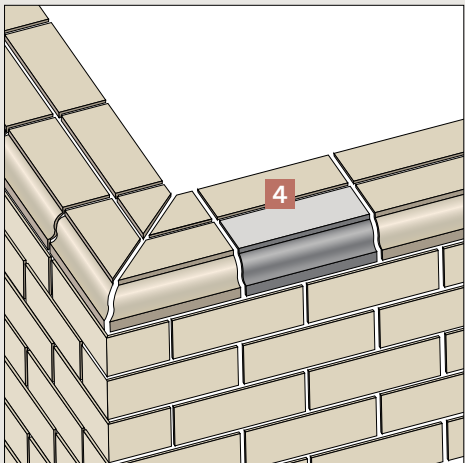


4 SCULPTURED PLINTH
OGEE 2 STRETCHER SS34

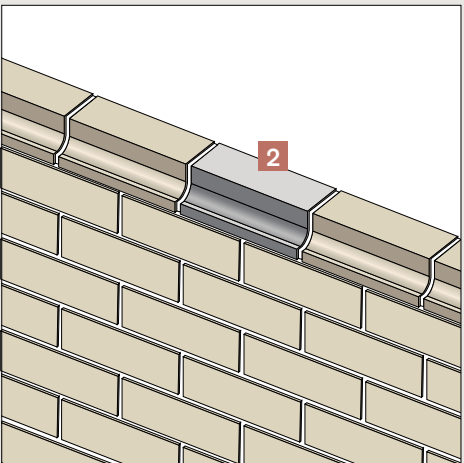


5 SCULPTURED PLINTH
DOUBLE RETURN

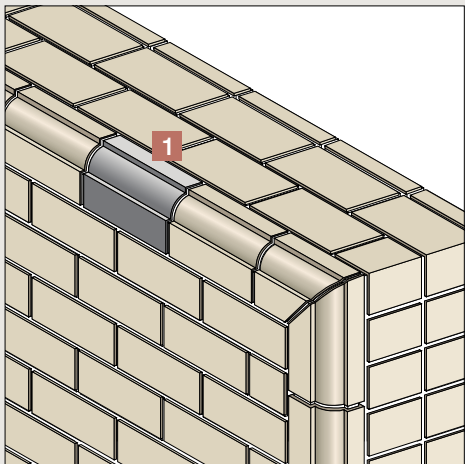
Applications



Sculptured Plinth Ogee 2 Stretcher (4).



Sculptured Plinth Scotia Stretcher (2).



Sculptured Plinth Ovolo Stretcher (1).

Customised Solutions

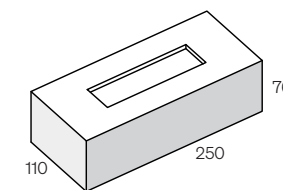
The team at Bowral Bricks enjoy the challenge of working with you to bring your design to life. Shapes can be customised to suit your project. These are some examples of designs that have come from specific project requirements and are now readily available.



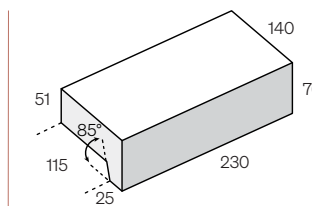
These custom shape bricks were made by Bowral Bricks for use on the Dr Chau Chak Wing Building at the University of Technology, Sydney.

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

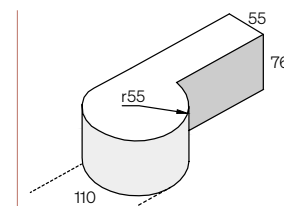
Below: A specially-engineered wall tie keys into the rebate and anchors the bricks to the inner steel wall, restraining the brickwork until the mortar hardens.



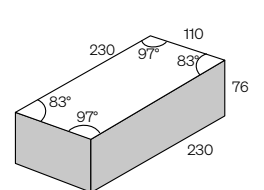
1 250MM LENGTH BRICK



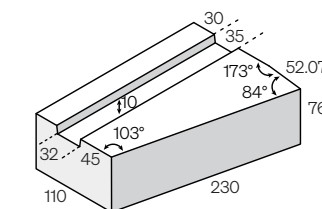
2 L SHAPE



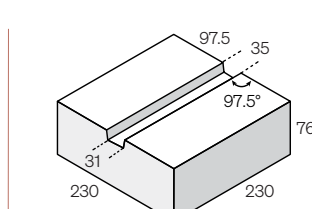
3 PISTOL SS48



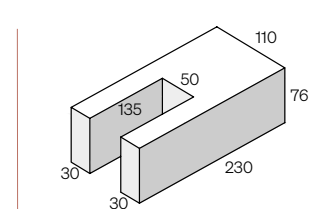
4 TRAPEZOID BRICK



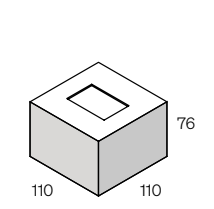
5 K SHAPE



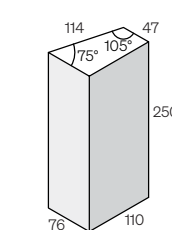
6 DOUBLE WIDTH SHAPE



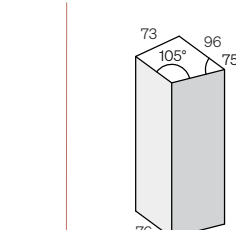
7 CONDUIT SS54



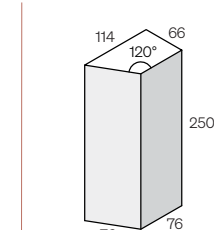
8 HALF BAT



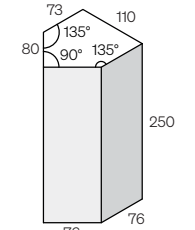
9 SP 5



10 SP 9



11 SP 17



12 SP 18

Gehry Partners are renowned for their inventive use of materials and challenging construction requirements and this project was no exception. The Dr Chau Chak Wing Building at the University of Technology in Sydney demonstrates how an inspirational, curvaceous façade design with complex folds can be achieved through the use of Bowral Bricks Customised Shapes.





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.

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

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.

colour, giving a very even wall colour. Please confirm with your bricklayer what their mortar colour 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



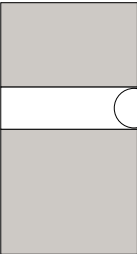
Oak



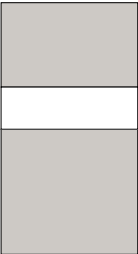
Gumnut

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 Absorptance 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.

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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.

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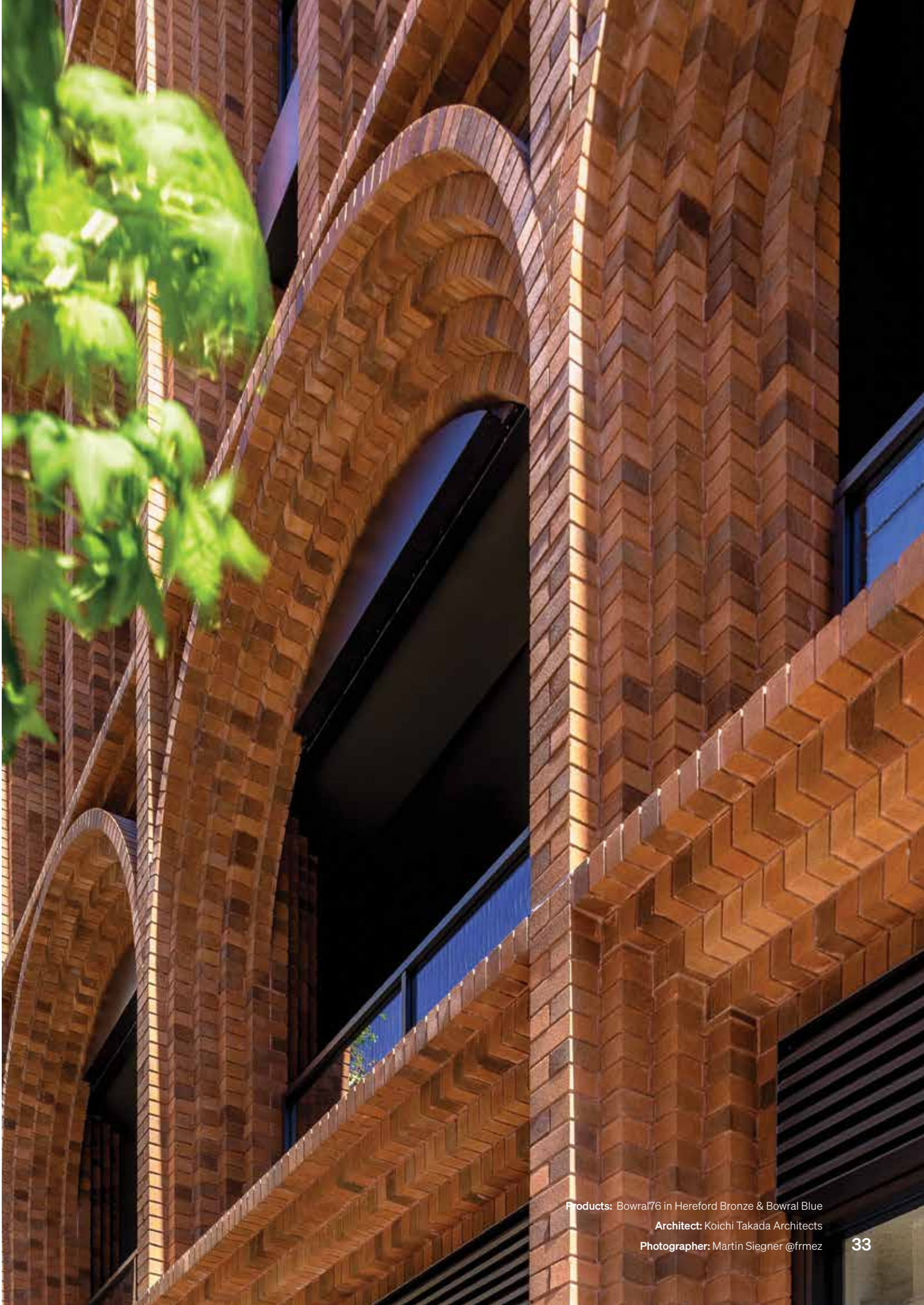


NORTH AMERICA



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Products: Bowral76 in Hereford Bronze & Bowral Blue
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02/2022

Products: Bowral76 in Gertrudis Brown
Architect: Walter Brooke

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BOWRAL BRICKS