



DRY PRESSED BRICKS + PAVERS



BOWRAL BRICKS



EVERYTHING WE
DO IS IN PURSUIT OF
THE PERFECT BRICK



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^ Bowral Blue

Cover image Bowral Blue – Simmental Silver



^ Simmental Silver

ABOUT BOWRAL BRICKS

Our tradition, experience and financial strength has made Bowral Bricks the first choice for architects, builders, developers and home buyers. Our continued commitment to quality ensures Bowral dry pressed bricks will remain the benchmark for excellence for many years to come.

Bowral dry pressed bricks

Bowral dry pressed bricks are the premium product for your building project. Proven in tough Australian conditions for more than a century, dry pressed bricks are renowned for their long lasting quality.

Bowral dry pressed bricks are made to last using time-honoured techniques and modern technology. Choose the Bowral Bricks range for their unsurpassed quality that only one of Australia's largest and most experienced brick makers can offer.

Tradition of timeless quality

Bowral dry pressed bricks have been delivering timeless style and quality throughout the years, Bowral Bricks first began producing this ever-popular range in the early 1900's. Many decades later, Bowral Bricks continues to manufacture dry pressed bricks using traditional craftsmanship techniques at the Bowral manufacturing facility.

The premium building products

Bowral Bricks selects the finest quality clays and shales to create a clay mix, which is compacted into individual moulds at high pressure to produce solid and dimensionally accurate dry pressed bricks. With their solid appearance and square

arris, Bowral dry pressed bricks are suitable for face work, rendering, painting, bagging and are perfect for chasing requirements.

The nature of manufacturing provides them with extremely low moisture expansion, therefore offering a very stable building material. Modern technology helps meet nationwide demand for dry pressed bricks designed for today's residential and commercial building applications.

Unique colours for authentic appeal

Earthy terracotta tones. Creamy browns and beiges. Subtle golden shades. With such an extensive colour range available, Bowral Bricks are guaranteed to add a beautiful finish to your building project. The unique colour variations in each delivery of Bowral Bricks also ensures the authentic appeal that comes only with traditional manufacturing techniques.

Shapes to suit your building needs

Bowral dry pressed bricks are available in standard shapes as well as sculptured custom shapes, allowing you to add individuality to both the interior and exterior of your development. Endless design patterns and custom colours make Bowral dry pressed shapes the perfect solution to versatile building design.

Build on our award winning reputation for excellence

Bowral Bricks brings you more than 100 years brick making experience and an unrivalled investment in the brick making technology of tomorrow. Our continued commitment to quality ensures Bowral Bricks will remain the benchmark for excellence for many years to come. Winning the John Horbury Hunt Award for excellence in brickwork many times, emphasises the high standard and quality that is found when using Bowral dry pressed bricks.

Our tradition, experience and financial strength has made Bowral Bricks the first choice for architects, builders, developers and home buyers. For more information or to discuss an upcoming project, please call us on 13 BRICK (13 2742).



THE BENEFITS OF BRICK

When planning to build a sustainable home and a comfortable life, you have a lot to consider. With their complete range of cost, comfort and style benefits, bricks are the one and only choice.

Bricks lower your carbon footprint

Research has proven, and designers agree, that mass is an essential component in energy-saving passive designs. Bricks have what architects call “high thermal mass” which helps stabilise temperature fluctuations in buildings. When combined with the other passive design factors – orientation, ventilation and insulation – bricks high thermal mass will reduce dependence on artificial heating and cooling and lower your energy consumption.

Brick is energy efficient

For energy efficient warmth in winter and cool in summer, brick combines perfectly with passive building design to harness natural sources of energy. The natural density and thermal insulating qualities of clay moderate building temperature and reduce energy consumption rates, to provide year round comfort and savings.

Brick is low maintenance

Bricks don't need paint or other treatments to maintain aesthetics and durability. Even after 50

years they are still strong, reliable and relatively maintenance free, saving you on the cost and time required to upkeep your home, compared to lighter weight materials.

Brick is weatherproof

The most endearing quality of a brick home is its ability to withstand the test of time, even under the harshest environmental conditions. Forget about painting, sealing or other high cost finishes; brick is weatherproof and with virtually no maintenance, brick's cost effective, impeccable performance will last a lifetime.



100 YEAR BRICK GUARANTEE

Austral Bricks guarantees its brick for 100 years with a lifetime warranty on durability and colour fastness. That's right—we guarantee our bricks will last for at least a century.*

Brick is creative and colourful

For creative colour and design, think brick. From striking rich chocolate to glorious vintage red, creamy almond or golden light sand, even shiny metallic or smooth pastel palettes, the natural earthy tones of brick provide impressive and lasting colour contrast, perfect in any setting.

Brick is secure, an investment for life

As one of the world's most sought after and trustworthy sources of sustainable building materials, brick is renowned for its strength and secure investment potential. The quality construction, quiet calm and ageless appeal of a solid brick home will protect your family for generations to come.

Brick is sustainable

Made from organic minerals found in shale and local, naturally abundant sources of clay; brick's

long-lasting life cycle offers ongoing environmental and health benefits. Durable, re-usable, free from contaminants and naturally resistant to pests or fire, brick is safe to live in, making it the ultimate material in responsible and economical home building design.

Style and design

Bricks add distinct style to any type of home. Their natural colours and textures enable you to create striking façade contrasts or more traditional neutral colour tones.

By investing in new technology Austral Bricks® have been able to introduce new kiln firing techniques to produce bricks with a variety of surface finishes, exciting colours and different sizes. The result is a wonderful range of bricks for you to build a stylish, contemporary project.

Bricks are fully reusable

They are one of the very few materials that can be reused (not just recycled) with all their original qualities intact. And if they are consigned to landfill, bricks are chemically inert and can't pollute ground water or contaminate soil.

Bricks are all natural

They are made from clay and shale, two of our planet's most abundant minerals. No chemicals, no fillers, no environmental nasties.

Brick manufacturing is highly efficient

Austral Bricks' super-plants use the latest high-tech automated controls and a high efficiency kiln to achieve energy savings of thirty percent over previous technology. Our plants are also water self-sufficient, have low emissions and operate on zero waste.



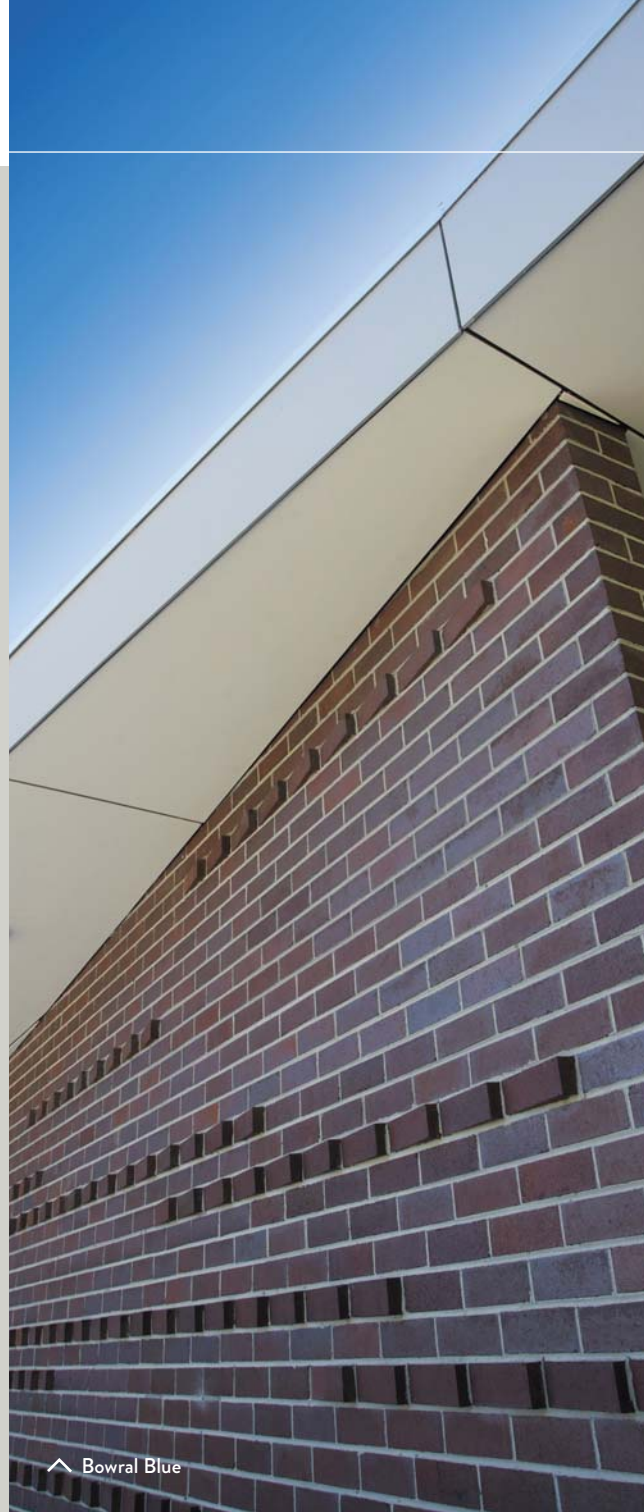
DRY PRESSED
FACE BRICKS

^ Brahman Granite

BOWRAL DRY PRESSED
STANDARD BRICK
RANGE IS ANYTHING
BUT ORDINARY.



^ Bowral Blue and Simmental Silver



^ Bowral Blue

Proven in the harshest conditions, these bricks offer exceptional structural integrity and longevity, giving you the perfect material for a building that's built to last.

Dimensions: 230 x 110 x 76mm



Brahman Granite



Renovation Gertrudis Brown



Gertrudis Brown



Bowral Blue



Simmental Silver

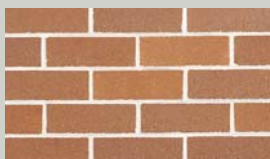
DRY PRESSED FACE BRICKS



Charolais Cream



Shorthorn Mix



Capitol Red



Murray Grey



Bowral Brown



Guernsey Tan



^ Murray Grey



^ Shorthorn Mix



Hereford Bronze



Limousin Gold



St. Pauls Cream



Charolais Cream

BOWRAL50



^ Gertrudis Brown



^ Bowral Blue

The sleek Bowral50 dry pressed bricks contain all of the outstanding qualities which have made the Bowral range timeless without exception.

The streamlined proportions of the Bowral50 offer architects and builders a greater range of versatility. The low profile Bowral50 was our response to contemporary design trends that mix materials and facade systems. Its sleek lines complement architectural features and highlight walls, whether rendered, weatherboard, bagging, corrugated iron or stone.

Dimensions: 230 x 110 x 50mm



BOWRAL300



^ Bowral Blue



When your project deserves something even more special, the low profile and extra length of the Bowral300 range answers your needs.

Dimensions: 300 x 110 x 50mm
Note – This product is made to order



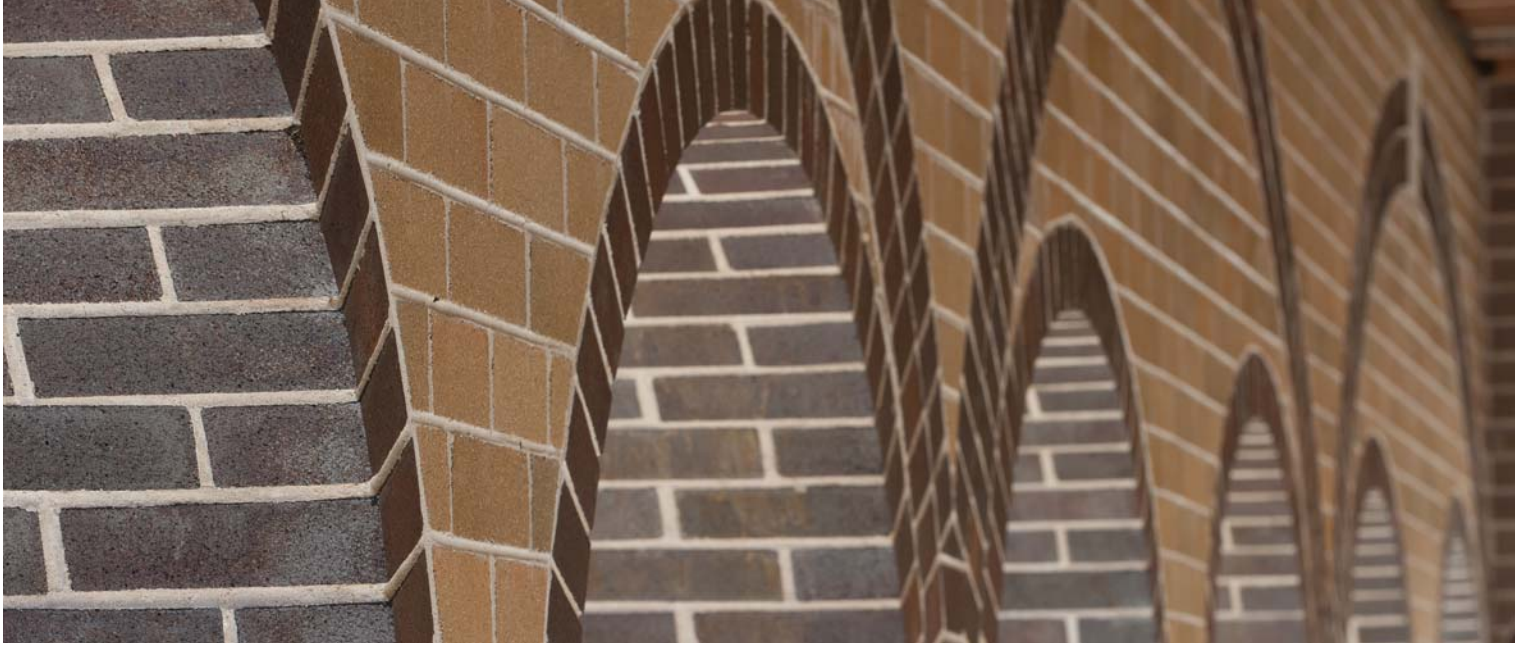
Bowral Blue



Gertrudis Brown



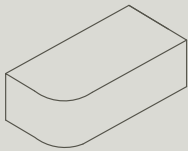
Charolais Cream



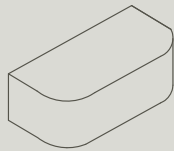
BOWRAL SHAPES

^ Limousin Gold and Bowral Blue

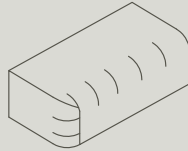
Bullnose Bricks



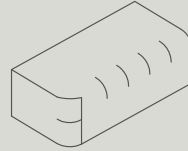
Single Bullnose



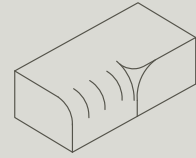
Double Bullnose



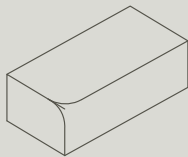
Single Bullnose
External Return Right



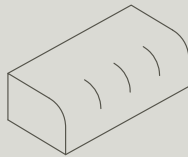
Double Bullnose
External Return



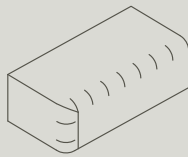
Single Bullnose Long
Internal Return Right



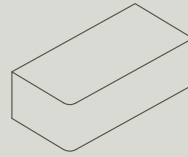
Single Bullnose
Internal Return Right



Bullnose Stretcher



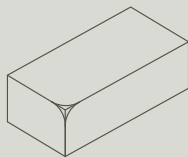
Single Baby Bullnose
Internal Return Right



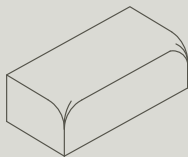
Baby Bullnose



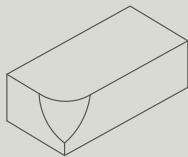
Single Full Bullnose



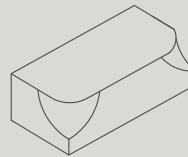
Bullnose HV Internal
Return Right



Double Bullnose
Internal Return

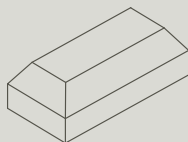


Single Bullnose
Stop Right

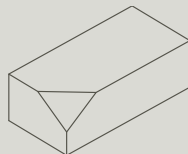


Double Bullnose Stop

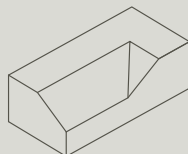
Plinth Bricks



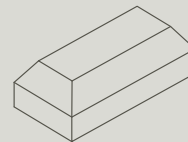
Double Plinth
External Return



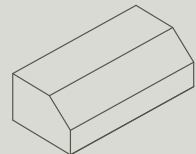
Short Splay Stop Right



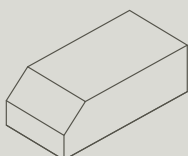
Long Internal Return



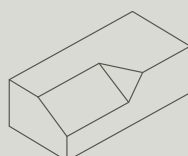
Single Plinth External
Right Return



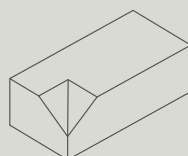
Plinth Stretcher



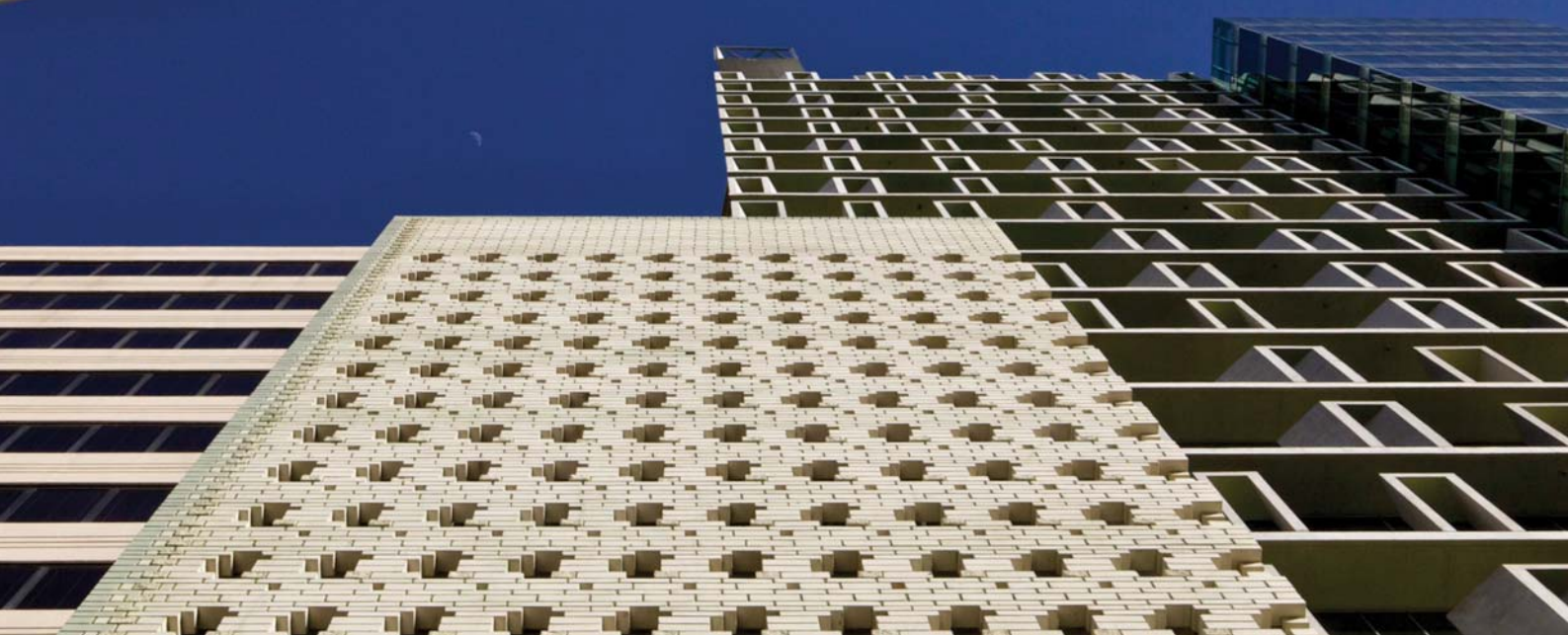
Plinth Header



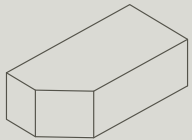
Long Splay Stop Right



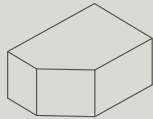
Short Internal
Return Right



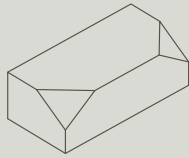
Cant Bricks



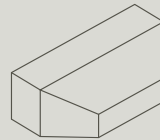
Single Cant



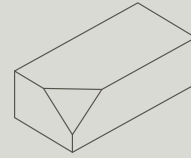
162 Single Cant



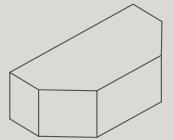
Double Cant Stop



Double Cant Return

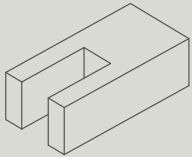


Single Cant Stop Right

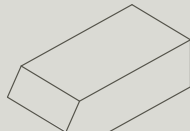


Double Cant

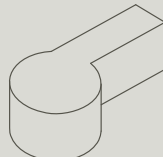
Squint and Miscellaneous Bricks



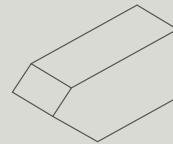
Conduit



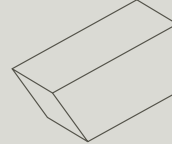
Squint 60 Degrees



Pistol

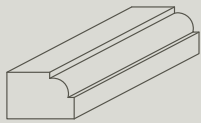


Squint

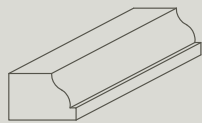


Mitred Bat

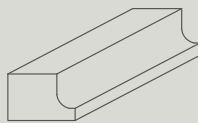
Sculptured Plinth Bricks



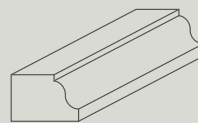
Ovolo Stretches



Ogee 1 Stretcher

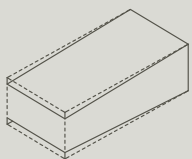


Scotia Stretcher

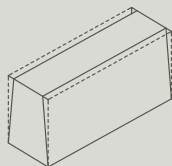


Ogee 2 Stretcher

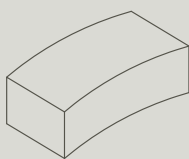
Culvert and Radial Bricks



Culvert Stretcher



Culvert Header



Radial Header

LONDON PAVERS



^ Chestnut and Silver Sand



^ Brahman Granite



^ Maple

Traditional but classy.

Make your outdoors a little greater. Bowral dry pressed pavers offer the quality and durability of our dry pressed bricks, to transform your outdoor courtyard or landscaping. This very versatile paving solution comes in an extensive colour palette, for endless design possibilities.

Dimensions: 240 x 114 x 65mm



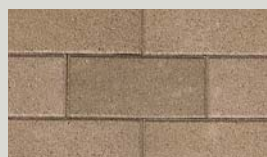
Chestnut



Brahman Granite



Maple



Regency Grey



Silver Sand

HAMLET PAVERS



^ Blue



Architecturally inspired.

The Hamlet paver collection will set your project apart. Whether they be used indoors or out, this special sized paver produced in the renowned Bowral colours is in a class of its own.

Dimensions: 230 x 76 x 55mm



Blue



Sepia



Ash



CLEANING + LAYING TECHNIQUES

^ Bowral Blue

These recommendations are to provide a best practice guide to Bowral bricks during the construction and cleaning processes, which, when followed will reduce common problems.

Brick construction

Good workmanship and correct storage of bricks during construction will ensure that a number of potential stains are avoided.

Storage

Ensure bricks are stored appropriately (either on pallets or on plastic sheeting), to prevent bricks absorbing ground salts and excessive water, which may cause issues when laid.

Bricklaying

Care should be taken to help keep the wall free of mortar dags and smears. During laying these should be cut off with a trowel. On completion, mortar smears on the work face should be removed by dry brushing. The cleaner the bricklayer leaves the wall the easier the cleaning task will be. Do not sponge the joints of the brickwork.

Moisture

Cover the brickwork at the end of each day, especially when rain is expected. Additionally, ensure all bricks stored on site are not exposed to rain. Failure to prevent moisture from entering the brickwork during construction may result in efflorescence and other leaching issues.

Copings, sills, weathering

Storm water should be shed so as to clear the masonry immediately below. Copings and sills should project at least 10 mm beyond the wall face at the underside of the sill or coping. Where down pipes have not been installed water from the guttering should be diverted away from the brickwork.

Brick cleaning techniques

The use of the correct cleaning methods will prevent further problems arising.

Clean as you go

Cleaning as you go is the best method for ensuring good brickwork. Mortar smears are best cleaned when fresh.

Safety precautions

The manufacturer's instructions and safety precautions should always be followed when using acids and other proprietary cleaning chemicals.

Wet the wall

The brickwork must be thoroughly wetted before any acid solution is applied and kept wet ahead of the acid application. Work a small area at a time and where possible avoid cleaning in direct sunlight.

The wall should be kept wet to prevent the acid from being absorbed by the brickwork which can cause staining.

Acid concentration

Hydrochloric acid is used for cleaning mortar smear by dissolving the cement component of the mortar. The recommended maximum strength for Bowral Blue bricks is 1 part acid to 20 parts water.

Hydrochloric acid should not be used for any other cleaning of brickwork and may result in further staining if used inappropriately.

Acid application

Apply the acid solution and leave to stand on the wall to allow the chemical action to occur, this could take up to 3 to 6 minutes.

Hose off

It is extremely important to thoroughly hose off the wall as the work proceeds. If the acid is left on the wall too long it can be absorbed into the brickwork and may cause staining.

Subsequent acid application

After a day or two the brickwork should be treated with Noskum at half strength. Wet the wall thoroughly prior to Noskum, leave for five minutes then rinse well with water.

High pressure cleaning

The following should be adhered to:

- Low pressure – max 7000kPa (approx 1000psi)
- Use a wide fan spray nozzle (> 15°)
- Distance of 500mm from the wall
- Use 'runs' of approximately 1m in width
- Keep the gun moving constantly
- Turbo head attachments should not be used

Warning: If the mortar joints or the bricks are being damaged, either the pressure is too high or the water jet is too close to the wall.

NOTE: These recommendations follow the Think Brick Australia Brick Cleaning Manual (<http://www.thinkbrick.com.au>)



TECHNICAL DETAILS

^ Capitol Red, Simmental Silver and Bowral Blue

The following table outlines all technical specifications for each Bowral brick product.

Product	Brick Dimensions	Units Per Square Metre	Characteristic Unconfined Compressive Strength	Characteristic Expansion (ε factor)	Durability Class	Solar Absorption Rating
Dry Pressed Face Bricks						
Bowral Blue	230mm L x 110mm W x 76mm H	50	>20MPa	<0.5mm/m	EXP	Dark
Bowral Brown	230mm L x 110mm W x 76mm H	50	>12MPa	<0.5mm/m	EXP	Medium
Brahman Granite	230mm L x 110mm W x 76mm H	50	>15MPa	<0.5mm/m	EXP	Dark
Capitol Red	230mm L x 110mm W x 76mm H	50	>8MPa	<0.5mm/m	EXP	Dark
Charolais Cream	230mm L x 110mm W x 76mm H	50	>12MPa	<0.5mm/m	EXP	Light
Gertrudis Brown	230mm L x 110mm W x 76mm H	50	>12MPa	<0.5mm/m	EXP	Dark
Guernsey Tan	230mm L x 110mm W x 76mm H	50	>10MPa	<1.0mm/m	EXP	Medium
Hereford Bronze	230mm L x 110mm W x 76mm H	50	>12MPa	<0.5mm/m	EXP	Medium
Limousin Gold	230mm L x 110mm W x 76mm H	50	>8MPa	<0.5mm/m	EXP	Medium
Murray Grey	230mm L x 110mm W x 76mm H	50	>12MPa	<0.5mm/m	EXP	Dark
Renovation Gertrudis Brown	230mm L x 110mm W x 76mm H	50	>12MPa	<0.5mm/m	EXP	Dark
Shorthorn Mix	230mm L x 110mm W x 76mm H	50	>12MPa	<0.6mm/m	EXP	Medium
Simmental Silver	230mm L x 110mm W x 76mm H	50	>12MPa	<1.0mm/m	EXP	Medium
St Pauls Cream	230mm L x 110mm W x 76mm H	50	>10MPa	<0.5mm/m	EXP	Light
Bowral50						
Bowral Blue	230mm L x 110mm W x 76mm H	69.5	>20MPa	<0.5mm/m	EXP	Dark
Bowral Brown	230mm L x 110mm W x 76mm H	69.5	>12MPa	<0.5mm/m	EXP	Medium
Capitol Red	230mm L x 110mm W x 50mm H	69.5	>12MPa	<0.5mm/m	EXP	Dark
Charolais Cream	230mm L x 110mm W x 50mm H	69.5	>12MPa	<0.5mm/m	EXP	Light
Gertrudis Brown	230mm L x 110mm W x 50mm H	69.5	>12MPa	<0.5mm/m	EXP	Dark
Limousin Gold	230mm L x 110mm W x 50mm H	69.5	>12MPa	<0.5mm/m	EXP	Medium
Murray Grey	230mm L x 110mm W x 50mm H	69.5	>15MPa	<0.5mm/m	EXP	Dark
Shorthorn Mix	230mm L x 110mm W x 50mm H	69.5	>15MPa	<0.5mm/m	EXP	Medium
Simmental Silver	230mm L x 110mm W x 50mm H	69.5	>12MPa	<0.5mm/m	EXP	Medium

Brickworks Design Centres

Sales and Selection

Albion Park
45 Princes Highway
Albion Park NSW 2527

Beresfield
2 Yangan Drive
Beresfield NSW 2322

Bowral
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Bowral NSW 2576

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MD Brick
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ACT
Canberra
7 Lithgow Street
Fyshwick ACT 2609

Brickworks Design Studio

Sales, Selection, Functions and Events

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