

BRICK COLLECTIONS

NSW



EXPLORE OUR EXTENSIVE COLLECTION OF BRICKS.

With hundreds of brick colours, shapes, styles and textures, PGH Bricks™ can help you achieve the right look for your dream home.

PGH BRICKS & PAVERS™

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PGH BRICKS & PAVERS™

PGH Bricks & Pavers™ is one of Australia's largest clay brick manufacturers. It offers a broad range of bricks and pavers for residential, architectural and commercial applications on Australia's East coast.

PGH Bricks & Pavers™ is committed to service excellence and has manufacturing capabilities in South Australia, Victoria, New South Wales and Queensland.

PGH Bricks & Pavers™ has a long history and deep expertise in brick making excellence. The name first came into existence in 1958 when the building companies established by Maxwell Porter and David Galbraith (incorporated in 1899 and 1949 respectively) merged with Hanson Consolidated industries.

PGH Bricks & Pavers™ was then part acquired by CSR in 1989, marking CSR's first foray into the brick industry. In May 2015, CSR and Boral formed a joint venture, Boral CSR Bricks Pty Ltd, which combined

their brick operations along the east coast of Australia. This partnership brought together the best of Boral and CSR's brick offering under the one brand of PGH Bricks & Pavers™. In November 2016, CSR acquired Boral's interest in the joint venture. PGH Bricks & Pavers™ is now wholly owned by CSR.

See csr.com.au for more information.

COVER IMAGE
DARK AND STORMY: LIGHTNING

Good design and timeless style start from the outside.

Durable, strong, and timeless in style, bricks are a progressive material available in a myriad of colours, shapes, textures and sizes.

They also bridge the boundary between outdoor and indoor spaces, providing a stylish and seamless flow from the living room to your back garden.

The PGH Style Guide presents nine exterior palettes, providing you with everything you need to start your build journey with confidence.



ENDLESS STYLE FROM THE OUTSIDE IN

While bricks are a fundamental design element of a building's exterior, bringing them inside strengthens the connection between indoor and outdoor spaces, enlivening your home with texture, colour and interest

We invite you to explore the PGH Style Guide and take inspiration from nine new curated palettes, giving you the confidence to create a home that you will love forever.

VISIT OUR WEBSITE TO TAKE OUR STYLE
QUIZ & DOWNLOAD THE STYLE GUIDE
PGHBRICKS.COM.AU/STYLES

NEW NEUTRALS

ENHANCING & LIVEABLE



GREY ALL THE WAY

FRESH & FLEXIBLE



DARK & STORMY

RICH & CONFIDENT



BE INSPIRED

BE SURE | BE YOU

Not everyone can name their personal style, but most people recognise it when they see it! Whether you are building or renovating, the PGH Style Guide will help you identify your unique style and express it with confidence in your home, from the outside all the way in.

Not sure if you want a Hamptons at Home look? Perhaps some Painted Whites? Or something a little more Dark & Stormy? Building can be overwhelming, and it's difficult to know where to start with so many decisions to make.

Construction professionals agree that deciding on the style for your home's exterior can mean making design

decisions for your interior (like flooring, furnishings, fixtures and fittings) much easier.

You might find you're drawn to the minimal and organic style of New Neutrals, or a lover of a raw authentic warehouse look like Modern Industrial or interested in a dark and opulent statement like Luxury Noir.

Whichever you choose, bricks are the perfect building material for creating your ideal home, and our nine exterior palettes will inspire you to have confidence in the selections you make and find happiness in your build journey.

NATURAL HABITAT

TRANQUIL & AUTHENTIC



WARM EARTH

STRONG & WELCOMING



LUXURY NOIR

DEEP & DRAMATIC



MODERN INDUSTRIAL

RAW & URBAN



HAMPTONS AT HOME

LIGHT & EFFORTLESS



PAINTED WHITES

DISTINCTIVE & TEXTURAL



WHICH STYLE ARE YOU?

Take the Style Quiz today, explore your style and unlock the endless possibilities of building with brick.



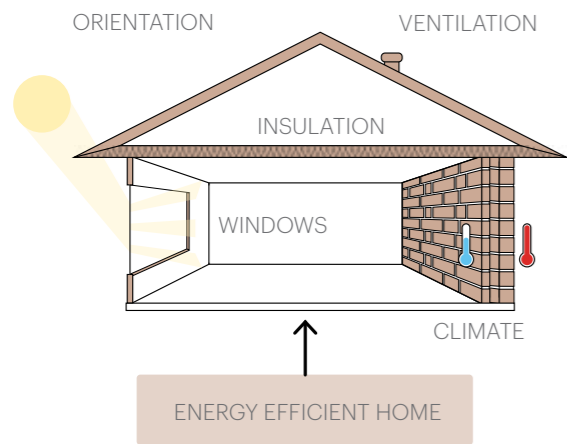
SCAN THE QR CODE TO TAKE THE QUIZ



ENERGY EFFICIENCY

Under NCC 2022, building in brick has never sounded better. This guide highlights the key changes and how to easily achieve 7-stars using clay brickwork.

7 STEPS to 7 STARS



ENERGY EFFICIENCY

7 stars for energy efficiency are now required under the new NCC.¹

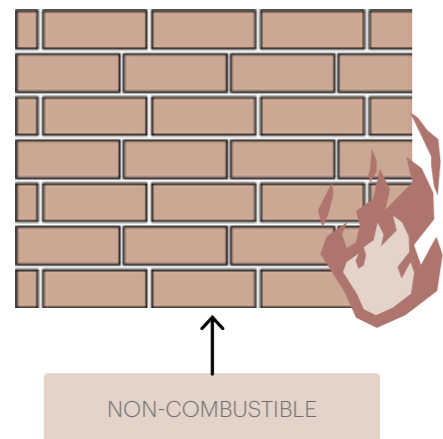


There are three main pathways to meeting these requirements:^{*}

1. Use a NatHERS house-rating software
2. Use the elemental provisions in Part 13.2 of the ABCB Housing Provisions
3. Verification using a Reference Building

7 stars with brickwork is easily achievable.

^{*}In NSW, BASIX must be used for residential builds.



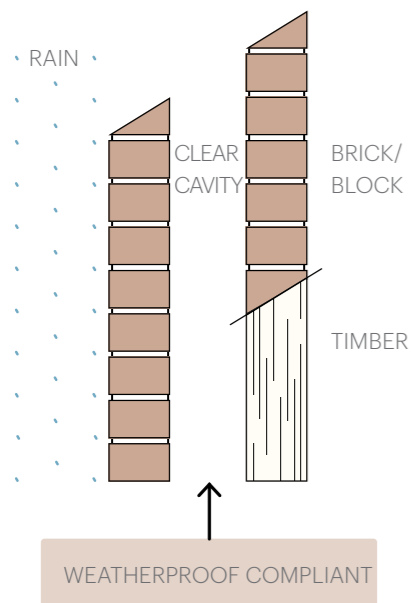
NON-COMBUSTIBILITY

Clay masonry is now deemed to be a non-combustible material in NCC 2022.²

This means that all provisions for non-combustible materials under the NCC automatically apply to masonry without the requirement for testing. Clay masonry can be used wherever a non-combustible building material is specified without testing.

Clay masonry works in ALL Bushfire Attack Levels (BALs), including BAL-FZ^{*}.

^{*}Where the minimum thickness of the wall is 90mm.



WEATHERPROOFING

AS 3700 can now be used as a deemed-to-satisfy (DTS) pathway for weatherproofing compliance under NCC 2022.³

This applies to **all building classes** covered by NCC Volumes One and Two. Verification reports and performance solutions are no longer required provided that AS 3700 guidance is followed.

Minimum clear cavity width:
 25 mm = (residential block veneer)
 35 mm = (residential cavity blockwork)
 40 mm = (all other builds)

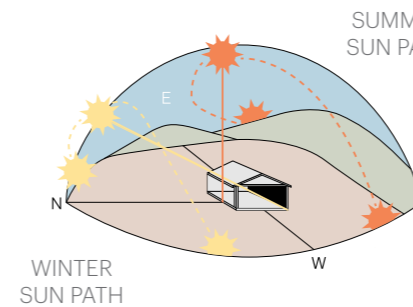
1. Adoption varies by state. Concessions apply for some homes (design dependent) in climate zones 1 & 2
2. NCC 2022 Volume One Part C2D10
3. NCC 2022 Volume One Part F3D5 NCC 2022 Volume Two Part H2D4

1. CLIMATE

Design your home to suit the climate you're in to maximise your own thermal comfort and passive lighting. Australia has 8 climate zones (NCC 2022) and 69 sub-zones (NatHERs). Knowing the climate you're building in can help determine how you could more efficiently heat, cool and light your home.

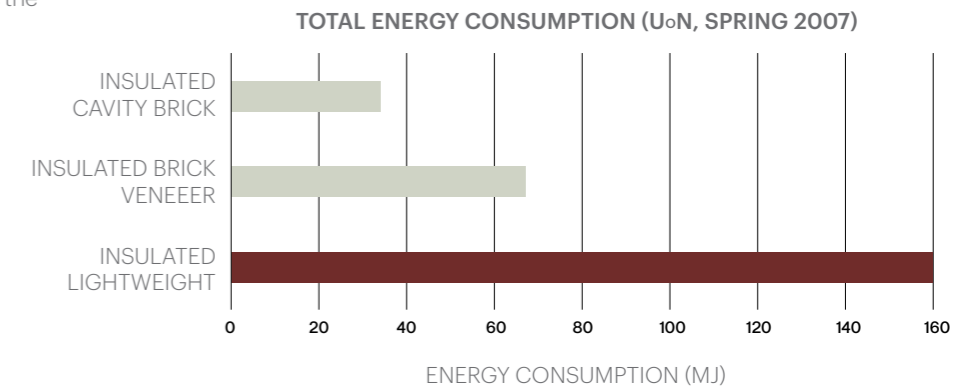
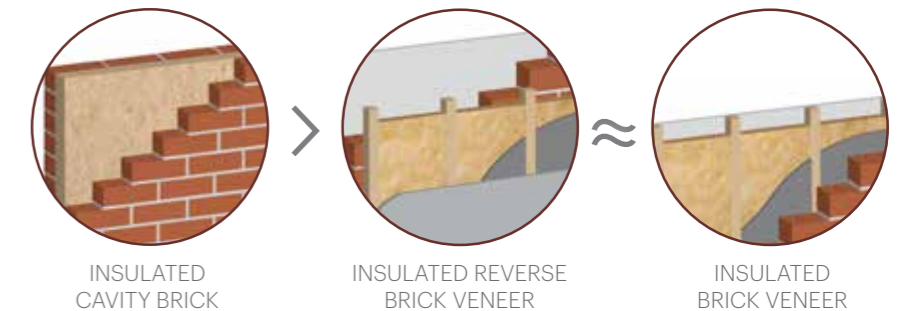
2. ORIENTATION - LIGHTING AND SHADING

You can orientate your home so that your most lived in areas are north facing. Doing so maximises the amount of sunlight entering these rooms. This will passively heat the room during winter and will create shading with awnings during summer. Orientation also helps determine which rooms get the best airflow. This is notably vital for homes in warm, humid climates as it passively cools and improves the air quality inside the house.



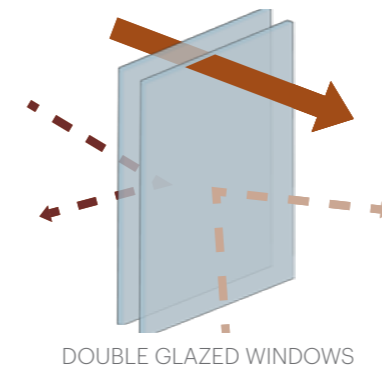
4. THERMAL MASS

Thermal mass refers to the construction system's ability to absorb, store and release heat. The aim is to increase thermal mass for a larger thermal lag, the rate at which the material releases heat, thereby stabilizing internal temperature by prolonging heat release. Heavyweight building materials, like bricks, have a higher thermal mass, allowing for a more thermally comfortable environment.



3. GLAZING, SKYLIGHTS AND WINDOWS

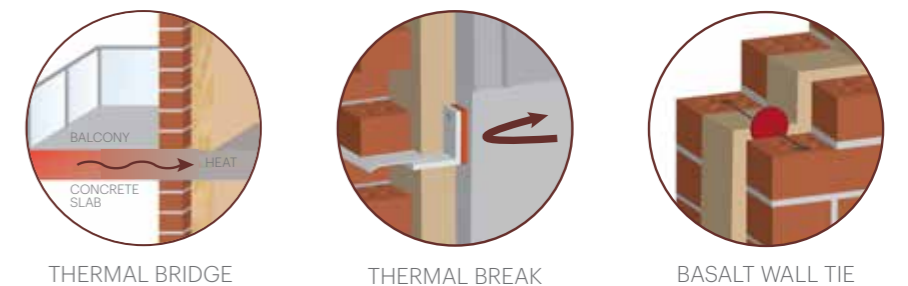
Skylights and windows are a great way to help passively light your home but they lack thermal mass, allowing for heat to transmit into your home. To help minimise this, opt for double or triple glazed glass or add furnishings, like curtains, to improve your glazing's thermal performance.



5. INSULATION AND THERMAL BRIDGES

Adding insulation provides extra thermal mass to your walls, increasing the construction system's overall thermal performance. Thermal bridges are pathways of heat transfer which negate the thermal performance of your wall. An example includes balconies, which can absorb outdoor heat and transfer it to internal slabs, raising internal temperatures.

To reduce thermal bridging in masonry walls, strategies include using alternative materials such as basalt wall ties, along with thermal breaks to disrupt heat transfer through the frame.

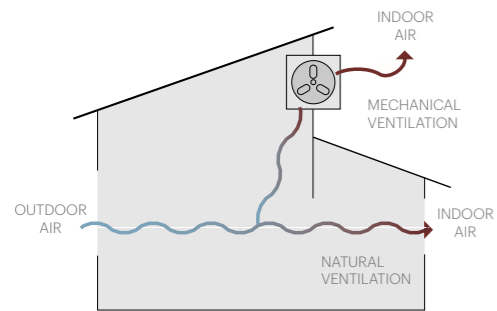


7 STEPS to 7 STARS

6. VENTILATION AND AIRTIGHTNESS

Airtightness is avoiding unwanted introduction of outside air or the loss of inside air to the outside. Improving airtightness improves the home's overall thermal performance by reducing fluctuations in the internal temperature. As airtightness improves, ventilation must improve to prevent condensation.

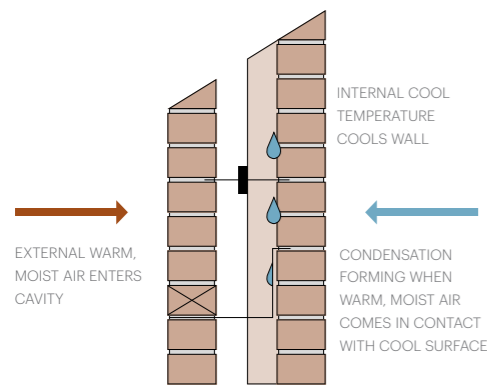
Ventilation is the intentional introduction of airflow. It is used to maintain good air quality and can assist with cooling the building. This can be done naturally (windows) or mechanically (fans).



VENTILATED AIR PATHWAYS

7. CONDENSATION

Condensation is when water vapour turns into liquid and occurs when humid air comes in contact with a cold surface. Condensation can lead to damp, mould and rot. To minimise this risk, proper ventilation and removal of thermal bridges is required.



HOW CONDENSATION FORMS IN CAVITY BRICK

DEEMED-TO-SATISFY PATHWAYS

There are three compliance pathways to meet the energy efficiency performance requirements. Option 1 is through your home's energy rating, by applying NCC 2022 Specification 42 to achieve an energy efficient home. Option 2 is to compare the new building to an existing reference building to verify that the performance requirements can be met. Option 3 involves satisfying all relevant Elemental Provisions in Section 13 of the ABCB Housing Provisions to achieve an energy efficient home.

1A. ENERGY RATING - NATIONWIDE HOUSE ENERGY RATING SCHEME (NATHERS)

NCC 2022 Specification 42, Part S42C2 (1)(a), prescribes a building must achieve an energy rating of greater than or equal to 7 stars, with the exception of some buildings in climate zones 1 and 2. It details that the house energy rating software used must be accredited under NatHERS.

The house energy rating software monitors an hour-by-hour energy use, accounting for:

- Building size
- Materials
- Insulation levels
- Type and placement of windows
- Orientation
- Climate zone



To carry out the energy rating assessment, you will need:

- Full plans, sections, and elevations of the building
- Building materials, including the walling system and glazing types intended to be used

The four software tools accredited to conduct NatHERS ratings include:

- AccuRate
- BERS Pro
- HERO
- FirstRate5



1B. BASIX - BUILT SUSTAINABILITY INDEX

BASIX is a compulsory energy efficiency house rating tool used for all residential dwellings in NSW and it accepts the NatHERS software results. It's aimed to reduce greenhouse gases and deliver fair and effective water reductions.

BASIX identifies design features that will affect the likely level of thermal comfort, water use and energy use per household. Some features include location, building size, orientation, construction type, landscaping and fixtures.

In NSW, a BASIX certification is mandatory for the construction of:

- New houses, townhouses, villas
- Renovations with a cost greater than or equal to \$50k
- Conversions of an existing building from non-residential to residential



2. VERIFICATION USING A REFERENCE BUILDING

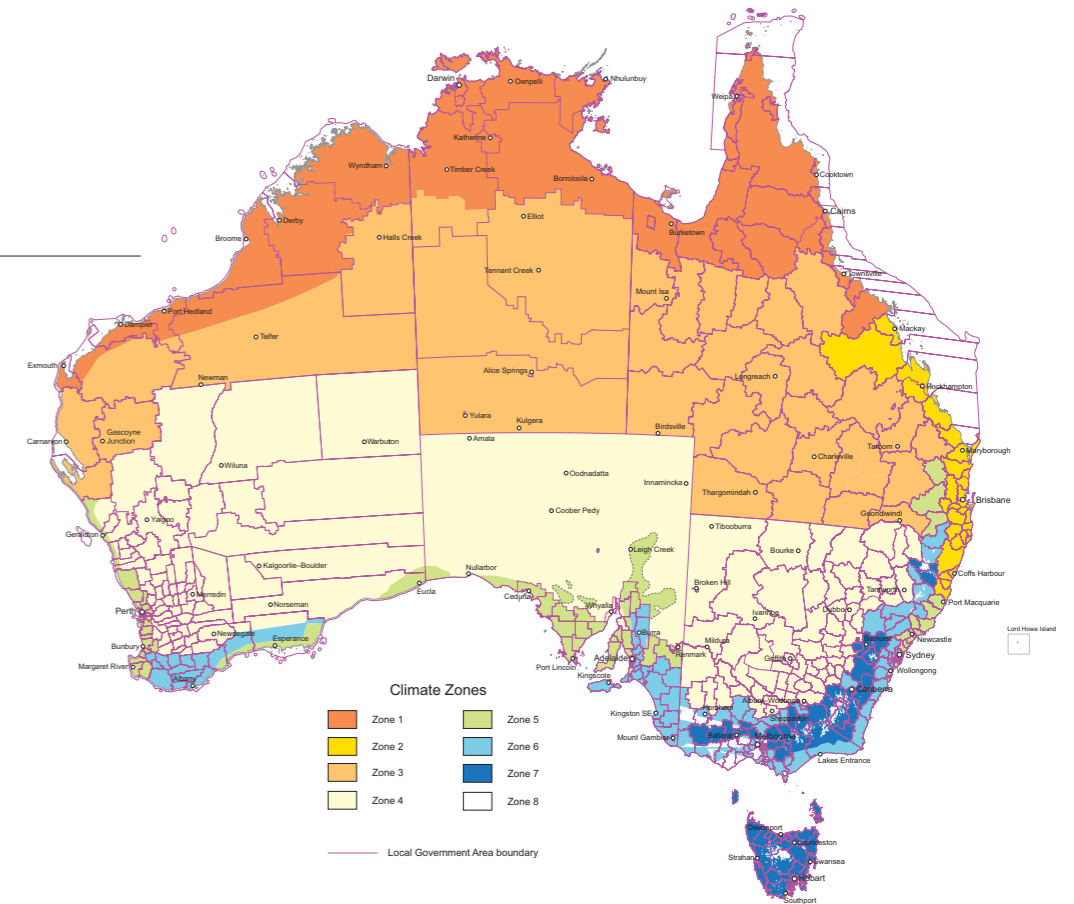
A proposed building can satisfy energy efficiency requirements if it complies with Section H6V2 of NCC 2022 Volume Two. Compared to the reference building, the proposed building must have:

- In climate zone 1, a smaller (or equal) cooling load
- In climate zone 8, a smaller (or equal) heating load
- In climate zones 2-7, a smaller (or equal) heating and cooling load

The proposed building must also comply with certain parts of Section 13 of the ABCB Housing Provisions (Refer to table).

3. ELEMENTAL PROVISIONS - ABCB HOUSING PROVISIONS STANDARD SECTION 13 & NCC REQUIREMENTS

NCC 2022 Volume Two Part H6D2 prescribes that the detailed provisions in Section 13 in the ABCB Housing Provisions be followed so that your home is Deemed-to-Satisfy with the energy efficiency performance requirements. (Refer to table).



Design Element	Elemental Provisions
Climate Zone	Australian climate zones are outlined in the NCC Volume 2 Definitions section. The definition also includes a list of specific locations and their climate zones.
Glazing and Shading	Use ABCB Housing Provisions Part 13.3 to satisfy the external glazing and shading thermal performance.
Construction Systems – Brick Masonry Walls	Use ABCB Housing Provisions Part 13.2 to satisfy the building fabric thermal performance. Part 13.2.5 provides the minimum R-values for each type of walling system in each climate zone.
Insulation	Use ABCB Housing Provisions Part 13.2 to satisfy the building fabric thermal performance. Part 13.2.2 and Table 13.2.5 provides the R-value and installation requirements for insulation.
Thermal Bridges	ABCB Housing Provisions Sections 13.2.5 (4) is used to account for thermal bridges in your chosen walling system.
Thermal Breaks	ABCB Housing Provisions Section 13.2.5 (5) is used to account for thermal breaks in your chosen walling system.
Ventilation and Airtightness	ABCB Housing Provisions Section 13.3.3 accounts for external glazing during summer and uses the percentage of ventilation opening area to calculate solar heat gain and Part 13.4 accounts for building sealing.
Condensation	Use ABCB Housing Provisions Part 10.8 for Condensation management provisions. Part 10.8.1 details condensation management for external wall construction.



MANHATTAN:
TRIBECA

OUR TOP TIPS FOR CHOOSING YOUR BRICK

Bricks are strong, durable and a popular choice for new home builders and renovators.

With such a broad range of great options available, choosing bricks may seem overwhelming. Here are our top tips to guide you in confidently choosing the right brick for your home.

1 Style of your house

The material that your house is built from also forms the foundation (literally) of its aesthetic appeal. The colour, shape, size and texture of the bricks you choose will influence the overall look and feel of your house. Before you make your final decision, it's worth gathering ideas online, from display homes, websites and magazines. When renovating, consider how new bricks will appear alongside existing materials.

Many homeowners find it helpful to pull together a "mood board" of images of the styles of homes they are drawn to. Simply save images (either physically or digitally) of favourite buildings, bricks, trims and even interior ideas. As your mood board develops, it will often become apparent which style of home best suits your aesthetic and lifestyle.

Need a bit of help getting started? Take the PGH Bricks Style Quiz and immerse yourself in the creative process of design and building and sharpen your focus. Whichever your preference, bricks are the perfect building material for creating your ideal home, and our nine exterior and interior palettes will inspire you to have confidence and find happiness in your build journey.

TAKE OUR QUIZ & DISCOVER YOUR STYLE
PGHBRICKS.COM.AU/STYLEQUIZ

2 Consider your location

Bricks are graded to suit different environmental conditions. The location of your home will determine which grade you need. If you live near the coast or have high-saline soil, you may benefit from exposure grade bricks (EXP) which have heightened resistance to salt attack. General purpose (GP) grade bricks are suited to all other building types and locations. Talk to your builder about any special environmental conditions you should be aware of.



MANHATTAN:
EAST HAMPTON



ALFRESCO:
ESPRESSO

3 How does it look

COLOUR & TEXTURE

One of the big current trends in exteriors, textural elements can add character, charm and individuality to a home. Brick textures range from a smooth finish, which has a consistent surface and ceramic-like appearance with straight edges, to a more artisan-style effect, with a dragged or ripped appearance for a weathered look.

You can even get glazed bricks that have a shiny ceramic tile look for feature walls (perfect for the mid-century design trend).

SIZE

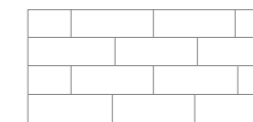
Bricks are also available in a range of dimensions. Decisions about size may depend on factors such as the proportions of the house, the purpose of the bricks and the visual effect you need.

4 How does it stack up

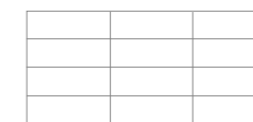
BOND PATTERNS

A bond is a pattern in which bricks are laid. The most commonly used bond is Stretcher bond, which consists of courses of full bricks where every course is offset half a brick from the course below. Stacked and Flemish are also popular bonds that can achieve alternative looks, or get creative with hit-and-miss brickwork to achieve screening and allow natural light to shine through your space.

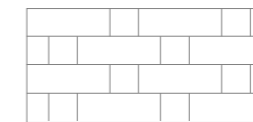
STRETCHER BOND



STACKED BOND



FLEMISH BOND



5 What holds it together

MORTAR COLOURS

An off-white mortar between darker coloured bricks will add contrast and highlight the shape of each brick, making the bricks the hero. However, matching the colour of the mortar with that of the brick will soften the brickwork and present a unified appearance. This is especially common with the use of lighter shades of bricks.

MORTAR JOINT FINISH

With the mortar joint, you can choose a round ironed, flush or struck finish, depending on whether you want to highlight or soften the effect of the brickwork. For instance, a raked joint will create shadowing for contrast and interest. A flush joint will minimise shadow with a flat, streamlined look.



HOW WE CAN HELP

We know that building and renovating can be a confusing and stressful experience. We want to ensure your experience is an enjoyable one, so we've provided a range of tools to help you along the journey.



VISUALISE YOUR DREAM SCHEME WITH IDESIGN BY CSR

iDesign by CSR enables you to mix and match PGH bricks and pavers with roof tiles and trims to help you visualise the exterior of your dream home. Using the latest 3D technology, you will be able to view your combination of colours and textures on a variety of home designs in 360 degrees, across your desktop, tablet, phone or VR device. It's a great place to start when visualising what colour and textures work well together. Use our predefined styles or create your own. There are countless combinations to be made!

VISIT PGH.CSRIDESIGN.COM.AU TODAY



VISIT ONE OF OUR PGH™ SELECTION CENTRES

Our PGH™ Selection Centres are a perfect place to experience the look and feel of our products and seek expert advice in helping you choose your facade selection.

Make an appointment to see one of our Colour Consultants who will be able to assist you through your brick selection process.

Given your facade is likely to be made up of 60% bricks, 30% roof and 10% gutter, we want to ensure you achieve the look you're after.

We even have specially designed selection tools to make the selection of your whole exterior scheme easier.







There is nothing like seeing colours and textures in real life. We have an array of bricks and pavers on display in our centres. When you've decided on your preferred brick, don't forget to ask for a sample to take home.

THE PGH™ WEBSITE: YOUR ONE STOP SHOP FOR INFORMATION AND INSPIRATION

The PGH™ website aims to educate, inspire and inform. Learn why bricks are a brilliant building material, get information on brick trends, be inspired by our photo gallery and see our extensive collection.

VISIT OUR WEBSITE PGHBRICKS.COM.AU

PRODUCT MATRIX LEGEND

-  Creams | Whites
-  Tans
-  Reds
-  Browns
-  Greys | Blacks
-  Blends

- ~ CT - Colour Through
- + SE - Surface Effects
- ^ SC - Surface Coloured

- SA - Solar Absorptance



LANG MURSTEN: LUND



LUND^



GEHL^



UTZON^



LARSEN^



ROSENBERG**

LANG MURSTEN

There are custom design projects that require a brick out of the ordinary, something unique and aesthetically beautiful that has the ability to take on the raw beauty and authenticity of a clay, sustainable and environmentally sound product to the next level.

The Lang Mursten selection of exquisitely crafted, long format Danish bricks. The perfect infusion of cutting-edge design and practical functionality, these soft moulded exclusive format bricks are for those on the lookout for a material that is truly extraordinary.



LANG MURSTEN: UTZON

LANG MURSTEN: UTZON

* Made to order. Minimum lead times will apply. | ^ SC - Surface Coloured

DRY PRESSED ARCHITECTURAL



Our Dry Pressed Architectural bricks represent luxury and style in Australian-made clay brick products.

Exquisitely produced using a time-honoured dry pressed method, this range presents with exceptional consistency of strength, dimensional accuracy and colour all the way through the brick. Produced under high compression, dry clay is pressed into individual moulds, which creates a magnificent, solid colour-through brick with sharp, clean and accurate edges.

Highly sought after and specified by architects, developers, builders and discerning home owners, the PGH™ Dry Pressed Architectural range is the choice for superior showpieces and builds in residential and commercial applications.

~ CT - Colour Through

Note: Extended lead times may apply - please contact your local PGH representative for further details.



BRADFIELD BRONZE™



MACQUARIE BLEND™



MONASH GREY™



TINTO CREAM™



SILVER SHADOW™



DRY PRESSED ARCHITECTURAL: SILVER SHADOW

Morada

At the forefront of contemporary design, the clean lines, divine colours and ultra-smooth textures of our Morada brick range set a new benchmark for building luxury.

Made in Spain from ultra-fine clay, we've now introduced five new colours to the Morada colour palette, to increase the design versatility of this stunning range even further.

Building on our existing and already flexible Morada colour palette, these colour-through bricks are now available in five unique new shades; Ares, Rojo, Cacao, Nero Satin and Nero Gloss.

Use as a stand-alone material in any luxury modern build to evoke strength, simplicity and style or alternatively, pair with other materials to create trendsetting contrasts in colour, texture and design.

The Morada Range is available in two different sizes; Standard, and the long, sleek design of Linear.



MORADA: BLANCO



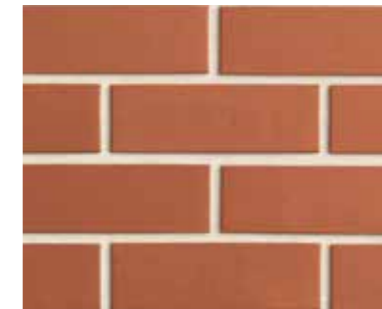
BLANCO[^] SA = 0.26



ARES[~]



CENIZA[~] SA = 0.63

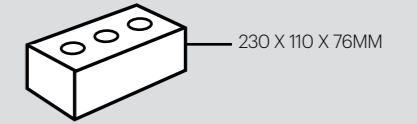


ROJO[~]



CACAO[~]

MORADA STANDARD



NERO[~] SA = 0.84



NERO GLOSS⁺ SA = 0.83



NERO SATIN⁺

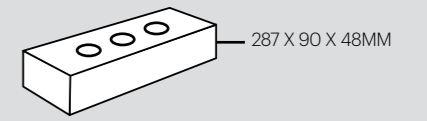


MORADA: NERO

[~] CT - Colour Through | [^] SC - Surface Coloured | ⁺ SE - Surface Effects

Morada

MORADA LINEAR



"The finest blends of European clays have been sourced to curate the Morada Collection of sophisticated neutrals with superior smooth and consistent finishes."



MORADA: CENIZA LINEAR

MORADA: NERO LINEAR



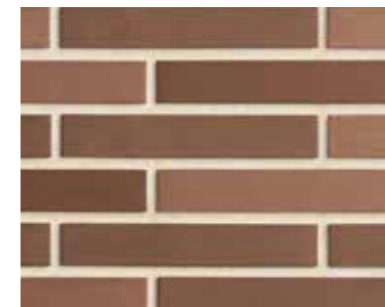
MORADA: BLANCO LINEAR



BLANCO[^] SA = 0.26



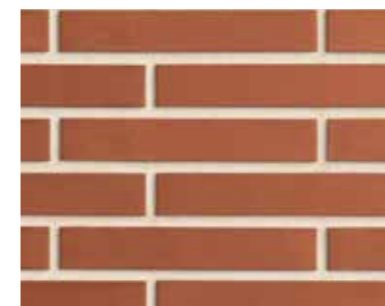
CENIZA[~] SA = 0.63



CACAO[~]



NERO[~] SA = 0.84



ROJO[~]



ARES[~]

[~] CT - Colour Through | [^] SC - Surface Coloured

MANHATTAN

INDUSTRIAL CHIC BRICKS

The Industrial Chic movement has fuelled the inspiration behind the creation of our bespoke, locally made Manhattan range of recycled-look and feel bricks.

The urban and raw Manhattan range is signified by bricks that have been purpose-made to take on the weathered and tumbled imperfections of intended knots, scratches and nicks and colour blending designed to bring to life an edgy, exposed brick wall look and feel.

The Manhattan range has been produced with today's modern technological advancements behind the crafted manufacturing process, ensuring these bricks deliver consistent strength, durability and longevity.

*Made in South Australia

^SC - Surface Coloured



CHELSEA**



TRIBECA**

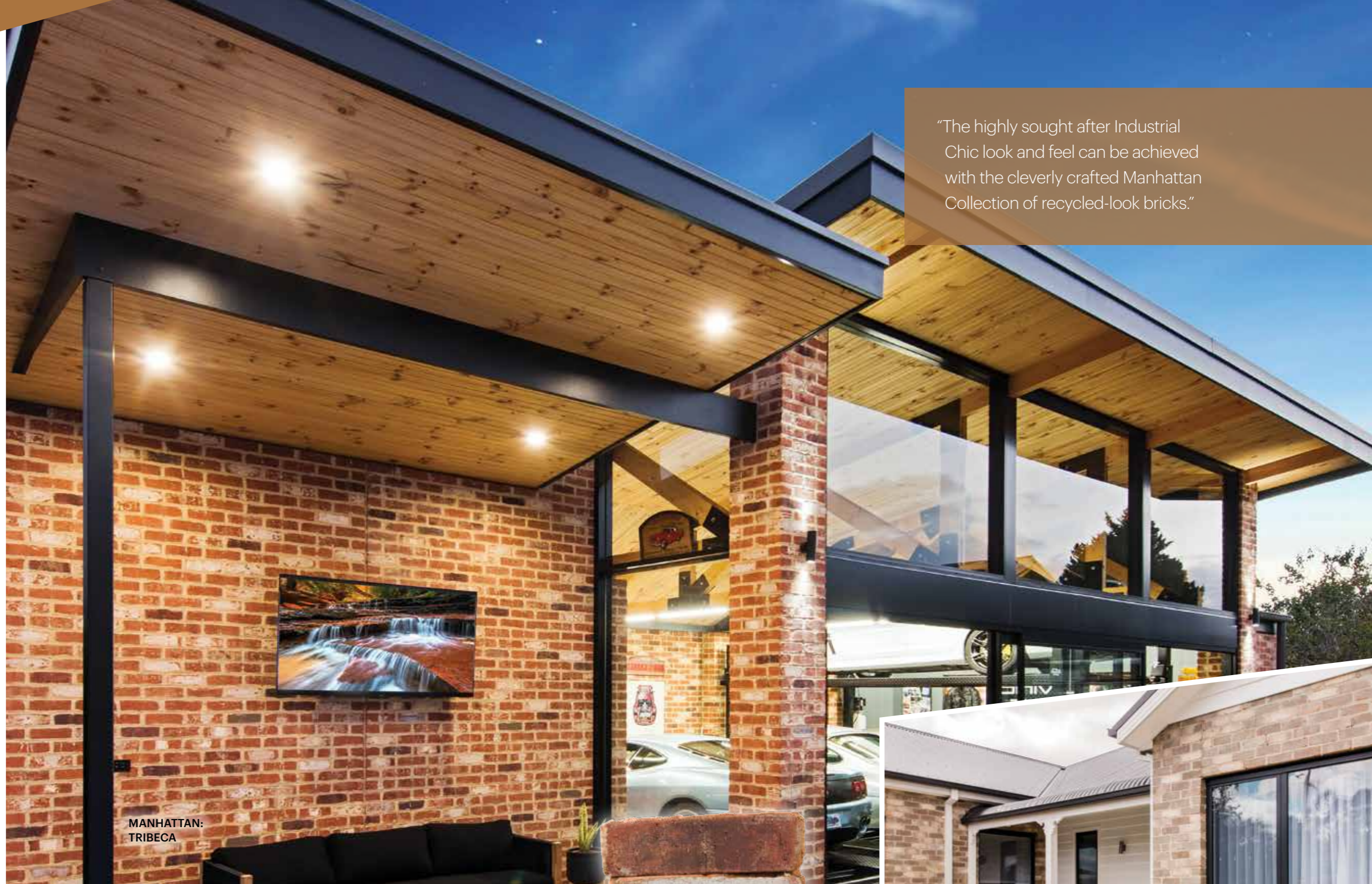
SA = 0.63 ■



EAST HAMPTON**



BROOKLYN**



MANHATTAN:
TRIBECA



MANHATTAN:
CHELSEA

"The highly sought after Industrial Chic look and feel can be achieved with the cleverly crafted Manhattan Collection of recycled-look bricks."

GLAZED

The Glazed range offers a striking selection of accent colours, perfect for interior and exterior features, or for those seeking to add character and flair to their overall design style.



SNOWDROP



MARIGOLD



ORCHID



POPPY



ASHEN



FICUS



GLAZED ASHEN

SHORELINE

The PGH™ Shoreline range is inspired by coastal themes, featuring mottled tones that evoke the natural beauty of the seaside.

These bricks are designed to create a rustic, weathered look that complement any modern, coastal, or traditional themed façade.



SHORELINE: OCEAN MIST



ELKHORN^*



OCEAN MIST
DOUBLE HEIGHT**



OCEAN MIST**



SEA FOSSIL^*

* Made in Queensland | ^ SC - Surface Coloured | +SE - Surface Effects



JINDERA RED^

^ SC - Surface Coloured

RIVERINA

Featuring a colour blended and tumbled design that nods to urban loft and warehouse living, the bright and authentic Riverina range establishes the perfect imperfection of the distinctive warm and sophisticated modern industrial style.

METALLIC

The PGH™ Metallic range are a clay extruded, wirecut brick finished with a subtle metallic sheen to achieve a more opulent effect. Often used as the dominant façade surface in many modern residential designs, this popular brick can be used to achieve a diverse spectrum of design look and feels.

^ SC - Surface Coloured



BLUE STEEL FLASH^
SA = 0.84-0.85



OLYMPUS^



MERCURY^



NICKEL FLASH^



MATTERHORN^



PEWTER^



APOLLO^



BLUE STEEL



BRONZE^

METALLIC: NICKEL FLASH



METALLIC: BLUE STEEL FLASH



OPALINE™

With clean lines, a beautiful smooth satin finish and colour shades of deeper undulation that are rich in character, these bricks can be used as a stand alone statement or in composite styles and designs to complement other textures.



TOURMALINE™



GARNET™



TIGER EYE™

^ SC - Surface Coloured

~ CT - Colour Through



OPALINE: GARNET

SMOOTH

Known for beautiful clean lines and smooth-face textures, the PGH™ Smooth range represents just that. As a popular choice with architects and designers, the smooth texture and sharp lines create a strong, clean aesthetic for residential and commercial building projects.

Available in a palette of inspirational Australian natural colours, selection options range from more matte colour choices like Pearl Grey to those with some character, building colour, depth and movement, such as Black & Tan.

PGH™ Smooths can be colour matched with bricks from the PGH™ Velour range to achieve tone and textural variation.



CREAM™



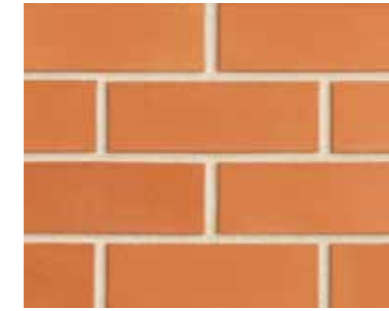
BLACK & TAN™
SA = 0.66 LIGHT, SA = 0.75 DARK



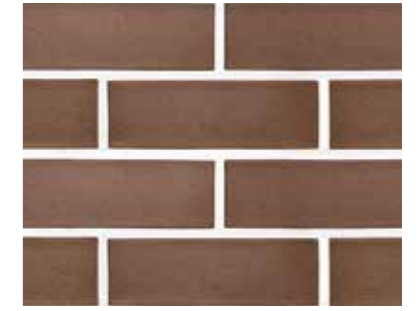
OAT™



PEARL GREY™



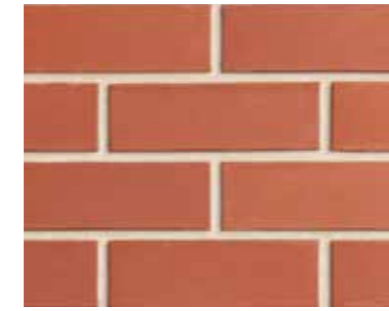
TERRACOTTA™



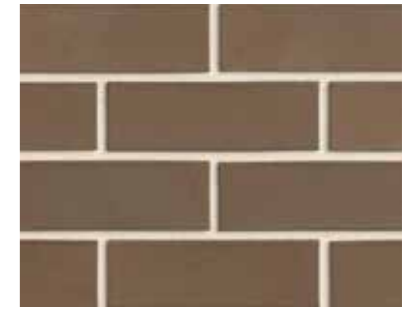
CHOC TAN™



SABLE GREY™



RED™



BROWN™



MINERAL™



VOLCANIC™



FLANNEL GREY™

* Made in QLD | ~ CT - Colour Through

VELOUR

With a naturals colour palette to match the Smooth range, the PGH Velour range delivers the addition of texture. When light hits the velour surface it creates wonderful depth variation.

This style of brick can often be used as a complement to be paired with different textures such as concrete, stone or timber.

VELOUR: VOLCANIC



VELOUR:
PEARL GREY



PEARL GREY[~]



CREAM[~]



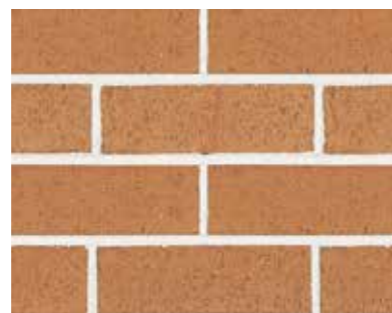
MINERAL[~]



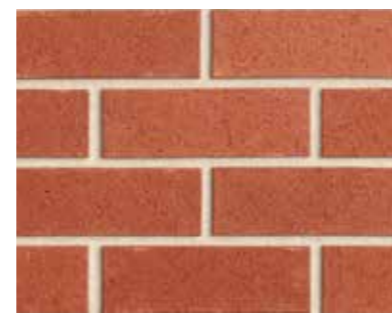
CHOC TAN[~]



CRUSHED GREY[~]



TERRACOTTA[~]



RED[~]



BROWN[~]



VOLCANIC[~]

[~] CT - Colour Through

COASTAL HAMPTONS

Coastal Hamptons conveys relaxed, welcoming style, showcasing the colours of the Australian coast and beach, wherever you are.

American in origin, yet quintessentially Australian, Coastal Hamptons is a relaxed yet luxurious trend, teaming white timber panelling, pitched ceilings and pale timber floors with neutral and ocean-inspired tones.

Bricks are also integral to achieving a timeless Coastal Hamptons style, bringing solidity and texture whilst complementing a soft, sophisticated colour scheme.



COASTAL HAMPTONS: MONTAUK
BUILDER: AUGUST HOMES

DISTINCTIVELY MELBOURNE

The Distinctively Melbourne range offers a truly Victorian look and feel to any home. With a uniquely 'aged' look, these bricks can be used on both inner city builds and to achieve a richer, more resplendent statement. Often the choice for more of a majestic design.



EAGLEMONT#~



HARTLANDS#~

Made In Victoria | ~ CT - Colour Through



WASHED WHITE**



MONTAUK**



COASTAL HAMPTONS:
MONTAUK

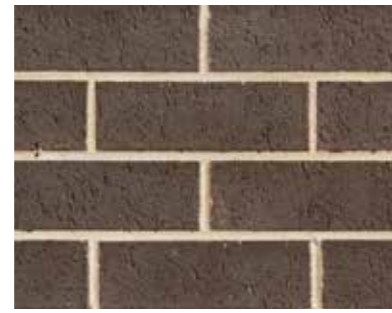


DISTINCTIVELY MELBOURNE: HARTLANDS
BUILDER: HILSTIN HOMES

* Made in QLD | ^ SC - Surface Coloured

ALFRESCO

Alfresco represents the epitome of fresh, modern classics. These are quintessential contemporary surface coloured bricks with a textured surface finish.



CHOCOLATTO[^]



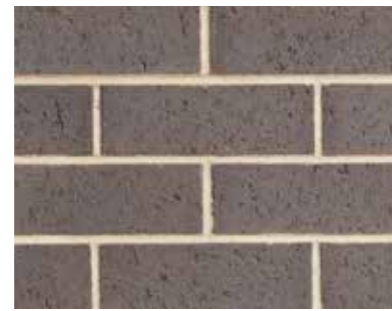
URBAN BLUE[^]



VINO[^]



ESPRESSO[^]



TRUFFLE[^]



ALFRESCO:
URBAN BLUE

[^] SC - Surface Coloured



SANDALWOOD[^]



ELDERBERRY[^]



SAGE[^]



JUNIPER[^]



BOTANICALS: JUNIPER & SANDALWOOD

BOTANICALS

Our Botanicals brick range allows you to bring the holistic peace, reflection and inherent beauty of natural flora to your home, while using a material that's both strong and sustainable.

Four gorgeously earthy and natural colours make up the new range. These colours can be used on their own or combined with other colours and materials to create a harmonious, organic palette for your home's facade.

[^] SC - Surface Coloured

LIFESTYLE

Designed to present a light, textured appeal, these surface coloured bricks offer a fresh, simple style and finish.



PERISHER^^

* Made in QLD. | ^ SC - Surface Coloured

NATURALS

This range of light surface coloured bricks would have to be one of the most popular on the east coast. Naturals® offer a subtle and soft, more restrained look and feel to an external facade or a more interesting texture to an internal surface.



FROST^^



MOON DUST^^

* Made in QLD. | ^ SC - Surface Coloured



HIGHLANDS

The Highlands range is an Australian classic with a truly unique appearance. Blackheath has a deep, rich texture and colour with veins of blue and dark brown running through the face of the brick. Leura offers the complementary red mix alternative.

HIGHLANDS: BLACKHEATH



BLACKHEATH#+



LAWSON#+



LEURA#+

Flashing (dark markings) is a common feature with this collection | + SE - Surface Effects

FOUNDATIONS

With a stylish stable of four core colours in a fine textured finish, the Foundations range is simple and understated.



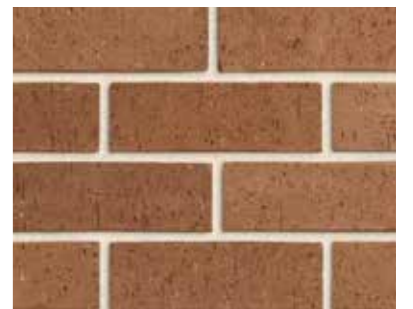
STONE^^



SILICA^^



PILBARA^^



GRAVEL^^

~ CT - Colour Through

DARK AND STORMY

The deep, confident shades of our Dark and Stormy range offer a dramatic impact to any facade.

Dark and Stormy is available in five sumptuously moody shades: Monsoon, Thunder, Whirlwind, Zephyr and Lightning.

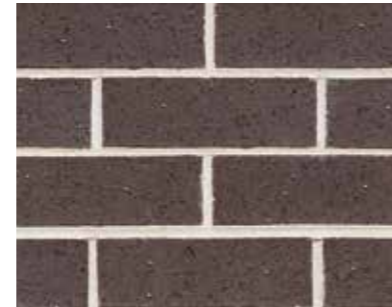
This textured range is striking yet versatile, making it the perfect modern palette for imparting impact to any home.



DARK AND STORMY: THUNDER



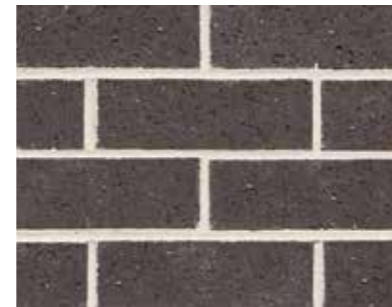
MONSOON[^]



THUNDER[^]



WHIRLWIND[^]



ZEPHYR[^]



LIGHTNING[^]

[^] SC - Surface Coloured

DESERT

The Desert range has a number of colours and a lightly textured face. The range carries a textured fleck within the colour palette in each brick, creating some extra depth and interest.



DESERT: GIBSON



SINAI⁺

⁺ SE - Surface Effects



REDGUM⁺



GIBSON⁺

SIMPLY HAMPTONS

With the Simply Hamptons brick range, you can look forward to the weight of each day being gently lifted the moment you reach home. Inspired by the low key luxury of the Hamptons, this fresh, crisp and classic colour palette has been designed to infuse any home with a warm and welcoming air.

Combine the three artfully restrained colours for subtle contrasts and smooth gradients, or let each one breathe on its own.

Our Simply Hamptons brick range is perfect for creating stylish and functional light-filled spaces with the flexibility, beauty and durability of brick, perfect for Australia.



SIMPLY HAMPTONS: BREEZE



SIMPLY HAMPTONS: FRESH WHITE



FRESH WHITE^



SCULPTED GREY^



BREEZE^

^ SC - Surface Coloured

ELEMENTS

These bricks have small stones rolled across the surface creating a speckled face finish. There are four core colours.



ELEMENTS: GRAPHITE



JAROSITE™



DORSET™



HAMPSHIRE™



GRAPHITE™



SURREY™



KENT™

~ CT - Colour Through



RUBELITE™



FOSSIL™

~ CT - Colour Through

TOWNHOUSE

One of the more traditional ranges with glass flecks in four colours.

REVIVE

Classic authenticity allows retro red brick extensions or renovations to be executed.



REVIVE: RED TEXTURE



RED TEXTURE™

~ CT - Colour Through

Get the natural stone look

PGH Stone is our collection of manufactured stone veneer products that offer a great alternative to wall tiles and other forms of cladding, where a unique, natural stone look and feel is the desired finish. Suitable for internal and external use, PGH Stone provides a personal touch to your home, or adds character to commercial settings.

Cast from moulds created using actual stone pieces, PGH Stone displays the same textures, colours and patterns found in real stone masonry. Available in a selection of natural-looking stone finishes and formats, there will be a product to suit many different project needs. Give your residential or commercial project a beautiful, natural, tactile feature with PGH Stone.

PGH Stone is manufactured sustainably

The manufacturer of PGH Stone commits to sustainability by reducing waste and conserving resources during production. It recycles the wastewater from its manufacturing process and crushes imperfectly manufactured products to repurpose the material.

Benefits of PGH Stone

PGH Stone is made in Australia, does not require painting or coating and can be used indoors or outdoors. It is backed by CSR, has minimal maintenance long-term and comes with a **manufacturer's warranty of 15 years.**

PGH Stone product colour variations

Our hand-crafted products are made with reconstituted sandstone utilising naturally occurring aggregates, therefore no guarantee can be given that PGH Stone hand crafted at different times will be identical in colour shade.



NATURAL FIELDSTONE:
WHITEHAVEN



RUGGED LEDGESTONE:
RUSSETT

CLASSIC LEDGESTONE:
GILDED SAND



NATURAL
FIELDSTONE:
SLIVER PEAK



WITHOUT MORTAR

CLASSIC LEDGESTONE

A typical rectangular appearance that is easy to install



NATURAL FIELDSTONE

A rough and irregular texture allowing for a variety of unique looks



RUGGED LEDGESTONE

A larger and more rounded appearance, resembling real field stones



WITH MORTAR

CLASSIC LEDGESTONE

A typical rectangular appearance that is easy to install



NATURAL FIELDSTONE

A rough and irregular texture allowing for a variety of unique looks



RUGGED LEDGESTONE

A larger and more rounded appearance, resembling real field stones



Capping Stones are available to suit all products and colours.

PGH STONE comes in 3 separate formats, and 5 natural colour options.



WHY CHOOSE BRICKS?



SOLID INVESTMENT

Building with bricks equals virtually no ongoing maintenance costs, as well as energy bill savings. When it's time to sell, brick rates well because it's trusted over newer cladding materials that haven't stood the test of time.



ENERGY EFFICIENT

Brick insulates in a way most materials do not. By following good design principles and combining bricks with insulation, your home may keep warmer in winter and cooler in summer, so you'll love coming home.



CREATIVE COLOUR & CHOICE

With our diverse range of sizes, shapes and textures, and over 180 colours, we have a brick to meet your needs. With smart design, blending of brick types and diverse bricklaying techniques, the options with bricks are truly endless.



STRONG & SAFE

Bricks won't twist or warp, rot or decay, erode or dent. They are resistant to the extremes of the Australian climate and being non-combustible, they don't assist the spread of fire.



LOW MAINTENANCE

Bricks require virtually no upkeep or repairs, avoiding ongoing costs. Remember, render will need to be repainted over time, an important fact to consider when looking at the 'whole-of-life' cost of your home.



SOUND REDUCTION

The density of brick makes for a quiet home, with dramatically reduced external sound, such as aircraft, road traffic and noisy neighbours. Brick can also reduce noise transfer within the home when used on internal walls.

MORADA: BLANCO LINEAR

GENERAL

Bricklaying and brick cleaning are separate but closely related activities. How cleanly the bricks are laid affects how easy it is to clean them later. Put simply, cleaner brickwork upfront leads to a smoother cleaning process. This guide outlines best practices for achieving optimal outcomes in both brick laying and cleaning.

SCHEDULING FOR BRICK CLEANING

Mortar must be hardened prior to cleaning. It is generally best to schedule cleaning at least seven days after brickwork is completed. In some cases, it may be possible to clean earlier; however, effects on the masonry and influencing factors such as weather conditions and the type of brick and mortar should be carefully considered. If cleaning with water only (no chemicals added), cleaning may begin 24 to 36 hours after completion of brickwork.

For pressure cleaning, brick cleaners should be on site between 1 and 3 weeks after construction.

Builders and building supervisors need to avoid waiting too long between the completion of the masonry and cleaning. After one month, mortar smears and splatters left on brickwork become increasingly difficult to remove. It is good practice to schedule the brick cleaning service within the recommended time frames.

5 BRICKLAYING TIPS

- 1. RAIN PROOF**
 During construction, the top of the brick stack shall be covered to prevent rainwater entering the brickwork. This reduces the potential for future staining.
- 2. MORTAR CONSISTENCY**
 Mortar Additives - Lime shall be used in place of plasticisers to improve workability and durability without reducing the strength of mortar in accordance with AS3700 Table 11.1
 Mortar Batching - To ensure that the correct proportion of materials has been used, batching shall be carried out using buckets instead of shovels.
- 3. CLEAN AS YOU GO**
 The more cleanly the bricklayer constructs the wall, the less difficult the cleaning task will be. By carefully laying the brickwork, it is possible to remove excess mortar from the joints before it stains the brick face. Such technique requires a certain degree of skill but will produce optimal results.
- 4. TOOLING AND DRY BRUSHING**
 After 5-10 minutes of the bricks/blocks being laid, the mortar will have sufficiently hardened, enabling excess mortar to be easily removed by tooling the mortar joints.
 Dry brushing should then be used on the brick face to remove any hardened mortar stains. A few vigorous brushes during this time will make the subsequent brick cleaning task less difficult.
- 5. DRY SPONGING**
 Never wet sponge the brick face as it will soften the mortar again, making it more difficult to remove. Dry sponging will remove most of the remaining mortar stains leaving the wall better prepared for future cleaning.



RECOMMENDATIONS

10 DO'S

1. Clean as you lay the bricks.
2. Fully saturate the wall before applying solutions.
3. Wash off solution completely after cleaning.
4. Use clean water to clean the wall.
5. Set the solution on the wall for a set duration.
6. Point the hose at 15 degrees to the wall.
7. Use fanning action.
8. Test a small area before cleaning.
9. Protect adjacent materials.
10. Use a fan jet attachment.

10 DON'TS

1. Leave excessive mortar on brick face.
2. Apply solution when wall suction remains.
3. Leave solution on the wall.
4. Use contaminated or recycled water.
5. Leave the solution for too long.
6. Point the hose straight to the wall.
7. Focus on one point for too long.
8. Judge based on experience.
9. Leave adjacent materials unprotected.
10. Use turbo or rotary head attachments.

PROCESS

SATURATE THE WALL

The entire wall area needs to be thoroughly saturated, exhausting the bricks suction capability before any application of chemicals. The recommended chemical strengths are based on fully saturated walls and failure to comply with this requirement stains developing and imperfections on the walls

APPLY CHEMICAL SOLUTION

Apply the chemical solution and let it stand for 1-5 minutes, unless advised otherwise for shorter application times. Prolonged standing may result in secondary staining. For dark-colored bricks, mix 1 part hydrochloric acid with 10 parts water.

For light-colored bricks, mix 1 part hydrochloric acid with 20 parts water. Always add acid to water to prevent spattering. Alternatively, consider using a proprietary green acid solution for a more environmentally friendly option, as they are gaining popularity for being less harmful than hydrochloric acid.

HOSE OFF

To guarantee the elimination of chemicals from the brickwork, it's crucial to thoroughly hose down the wall with water, ensuring complete washing. Avoid letting the chemical solution dry on the wall surface. Typically, treat an area of 2 to 6 square metres at a time.

NEUTRALISE

Following the acid wash, administer a neutralising solution comprising 65 grams of sodium bicarbonate per liter of water. This step should be completed within one hour of the acid treatment.

Allow the solution to remain on the wall surface. Monitor the pH levels of both the wall and the water runoff at intervals to ensure they revert to neutral (pH 6.5 - 7.5). Clear runoff observed at the wall's base indicates thorough cleaning.



Image: High pressure water cleaning.

PROCEDURE

- 1. Saturate** the area thoroughly cleaning the wall with water.
- 2. Remove** excess surface mortar with hand tools like a wooden paddle, brick, or chisel before applying water. Water or chemicals alone cannot remove large, hardened mortar particles.
- 3. Once more, saturate** the wall thoroughly with clean water.
- 4. Apply** appropriate cleaning solution when the suction of brick is exhausted.
- 5. Allow** the chemical solution to react for a controlled period.
- 6. Wash** the wall with high pressure water from top to bottom. The maximum pressure should range between 1000 psi to 1200 psi, and the spray angle should be 15 degrees along with a fanning action. The jet should be 500 mm away from the wall and never closer than 300 mm, and the width of a run is usually 1 - 1.2 m. See the image to the left.
- 7. Repeat** the washing process if necessary. Follow steps 3 to 6.
- 8. Rinse** loose sand and dirt from the eaves, walls, and windows. Check the need for further cleaning when the wall is dry.
- 9. Neutralise** the area. While rinsing, observe the runoff's appearance. Clear runoff at the wall's base signals sufficient rinsing. Additionally, periodically test the pH of the wall surface and runoff water using pH paper to ensure both return to neutral (pH 6.5 to 7.5). Further rinsing is necessary if the pH deviates beyond these ranges in either direction.








PRECAUTIONS

FOR BRICK CLEANING

- Turbo or rotary head attachments are to be avoided as they can damage the brickwork.
- A small area should be test cleaned for the cleaning method proposed; normally the bottom corner or other less noticeable areas are used for the test.
- Adjacent materials must be masked or otherwise protected as recommended by manufacturers.
- Vanadium stains need to be identified prior to chemical application to avoid the brick turning black from chemical reaction.
- High pressure jetting is strictly prohibited as it causes damage to the operator and surroundings of the wall.
- Never use a straight water jet as it damages the brick face.

FOR STAIN REMOVAL

- Phosphoric acid is suitable for small areas/ amounts only. Excessive use may cause staining, necessitating the application of hydrofluoric acid for removal.
- Hydrofluoric acid has the capacity to etch glass and pose serious harm. Inhalation or skin contact can be fatal. Always use suitable PPE.
- Agitating cleaning chemicals or acids with a stiff nylon brush can aid in removing severe or stubborn stains.

Stain	Appearance	Description	Common Cause	Solution	Solution Strength
Efflorescence		A powdery deposit of salts which are usually white, but can be yellow, green or brown.	Soluble salts are transported to the surface of the brickwork by water	Dry brushing and damp cloth if efflorescence persists, use phosphoric acid or a proprietary green acid.	1 part Phosphoric Acid : 15 parts Water 1 part Green Acid : 10 parts Water
Iron Oxide Stain (Acid Burn)		A yellow, orange to brown rust-like stain	Unsaturated wall; overly concentrated acid; impatient practice	Phosphoric Acid Oxalic Acid	1 part Phosphoric Acid : 6 parts Water 20-40g Oxalic Acid: 1L Water
Calcium (Carbonate)		Insoluble white vertical deposits, thickens over time	The setting reaction of portland cement with carbon dioxide from the air	Hydrochloric Acid Phosphoric Acid	1 part Hydrochloric Acid : 10-20 parts water (dependent on brick colour) 1 part Phosphoric Acid : 8 parts Water
Calcium (Silicate)		Insoluble thin milky film, invisible when wet	Reaction of clay from the mortar with calcium; silica residues from the cement	Hydrofluoric Acid Proprietary Green Acid	1 part Hydrofluoric Acid : 4 parts Water 1 part Green Acid : 2 Parts Water
Vanadium Stains		A yellow-green discoloration	The vanadium salts naturally present in most clay materials used to produce light coloured bricks	Sodium Hypochlorite (found in bleach or pool chlorine) Potassium or Sodium Hydroxide Oxalic Acid	150g Potassium or Sodium Hydroxide : 1L Water 20-40g Oxalic Acid: 1 L Hot Water
Manganese Stains		A dark blue-brown discoloration	Grey or brown coloured bricks with the addition of manganese during manufacture	Acetic Acid (80% or stronger) and Hydrogen Peroxide (30-35% strength) Phosphoric Acid	1 part Acetic Acid: 1 part Hydrogen Peroxide : 6 parts Water 1 part Phosphoric Acid : 3 parts Water
Petroting Stain		Light refracting with many colors, mainly purple with blues and browns	A very thin layer of silica formed on brick	Degreasing Agent, agitation may be required	1 Part Degreasing Agent : 10 Parts Water

CONTACT

PGH™ BRANCH DIRECTORY

Selecting PGH™ bricks has never been easier. At our large network of Selection Centres we offer many services such as colour scheming, product selection and technical advice. Make an appointment today.

PGH™ BRICKS ALBION PARK RAIL

49 Durgadin Drive, Albion Park Rail, NSW 2527
02 4233 3200

PGH™ BRICKS BERESFIELD

Corner of Canavan & Parish Drive, Beresfield, NSW 2322
02 4949 0600

PGH™ BRICKS FORSTER

68 Kularoo Drive, Forster, NSW 2428
02 5556 2900

CSR DESIGN CENTRE, HUME

33 Couranga Cresnet, Hume, ACT 2428
02 6202 2400

PGH™ BRICKS LISAROW

910-912 Pacific Highway, Lisarow, NSW 2250
02 4328 0900

PGH™ BRICKS PORT MACQUARIE

Corner Jambali & Belah Roads, Port Macquarie, NSW 2444
02 5524 1800

PGH™ BRICKS SCHOFIELDS

75 Townson Road, Schofields, NSW 2762
02 9852 6807

If you are unable to visit one of our Selection Centres, visit our website to find a distributor near you, pghbricks.com.au, email nswcustomerservice@csr.com.au, call us for details on 13 15 79.

STAY IN TOUCH



DISCLAIMER & WARNING

DISCLAIMER: Information in this brochure is general only and is not a recommendation to use any of our products. Always obtain specialist advice to ensure our products, and their intended use, meet your requirements. If product images are shown, colours are represented as accurately as possible but we recommend checking your chosen product against a sample (or in a selection centre) before purchasing as printed and digital representations may affect colour tones and finishes. In addition, products (including from batch to batch) and samples may vary regarding colour and surface finish due to manufacturing processes and raw materials used. For further information please contact our Customer Service Centre on 13 15 79.

WARNING: Bricks and PGH Stone contain crystalline silica. Cutting or grinding these products creates dust, which may be hazardous and should not be inhaled. Please ensure that when cutting or grinding, an approved mask (respirator) is worn. For more information visit: www.pghbricks.com.au/product-info/working-safely-pgh

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