



smartbric[®]

BRICK RAINSCREEN FAÇADE SYSTEM / MANUFACTURED BY FAIRVIEW

Design Inspiration eBook



FAIRVIEW™

DEFINING ARCHITECTURE SINCE 1989

Don't just be another brick in the wall

Be bold, with Smartbric Rainscreen Brick Façade System





About Smartbric

Smartbric by Fairview is an innovative ventilated rainscreen brick façade system which ingeniously incorporates the option of a grouted Classic brick facing or a modern Rapid mortar-less brick facing in combination with either a unique mounting track or universal rail option to deliver a versatile natural looking masonry façade solution.

The Smartbric Classic and Rapid brick listels are secured into position using dual locking mechanism capturing both the top and bottom of the listel (brick facing unit). Smartbric Classic is designed to be finished off using a mortar to deliver a flush finish brick look whereas the Smartbric Rapid is designed as a mortar-less system. The Rapid brick's recessed edges provide a shadow effect that replicated the look and character of brickwork with a raked joint. The Smartbric Rapid can also be grouted if desired.

Smartbric meets the necessary requirements of the National Construction Code (NCC) of Australia, is durable, weather resistant, non-combustible and structurally sound for its intended applications, being residential medium density buildings and fit outs.



*Architecture should yearn for
timelessness*

Make your mark with Smartbric Façade System



SMARTBRIC BRICK RAINSCREEN FAÇADE SYSTEM / MANUFACTURED BY FAIRVIEW

Key Benefits



LIGHTWEIGHT

Smartbric brick slips weigh just 50kg per square metre, only a quarter the weight of full bricks. As a self-supporting system, Smartbric helps to reduce foundation loads and minimises the need for shelf angles and lintels.



ENGINEERING COMPLIANCE & STRUCTURAL SPECIFICATIONS

The Smartbric rainscreen brick façade system has been tested and engineer-assessed to meet the requirements of NCC Volume One B1D4 and ABCB Housing Provisions 2.2.4, as well as NCC Volume One F3P1 and Volume Two H2P2 for weatherproofing. Additionally, the system has been tested to comply with relevant Australian standards, ensuring full compliance.



DESIGN FLEXIBILITY

Smartbric is available in a variety of traditional and contemporary brick finishes. When paired with the versatile Track and Rail mounting system, it allows for aesthetic flexibility and a customisable design approach. With the ability to be oriented horizontally, vertically, diagonally or even curved, Smartbric offers exceptional design freedom.



LOW MAINTENANCE

Smartbric requires minimal to no maintenance. Suitable for any application, Smartbric is the smart choice for cost effective façades that maintain their aesthetic appeal for decades.



SMARTBRIC BRICK RAINSCREEN FAÇADE SYSTEM / MANUFACTURED BY FAIRVIEW

Key Benefits



EXPRESS INSTALLATION

Smartbric features a unique eco-system design for its subsystem, enabling simple and intuitive installation for builders, installers and tilers of varying skill levels.



SUITED FOR ALL APPLICATIONS

Smartbric is ideal for use in interior residential projects, commercial fit-outs and exterior building façades. It is also an excellent choice for offsite construction, as it can be installed in modular units. This approach reduces the need for scaffolding, making the construction process more efficient.



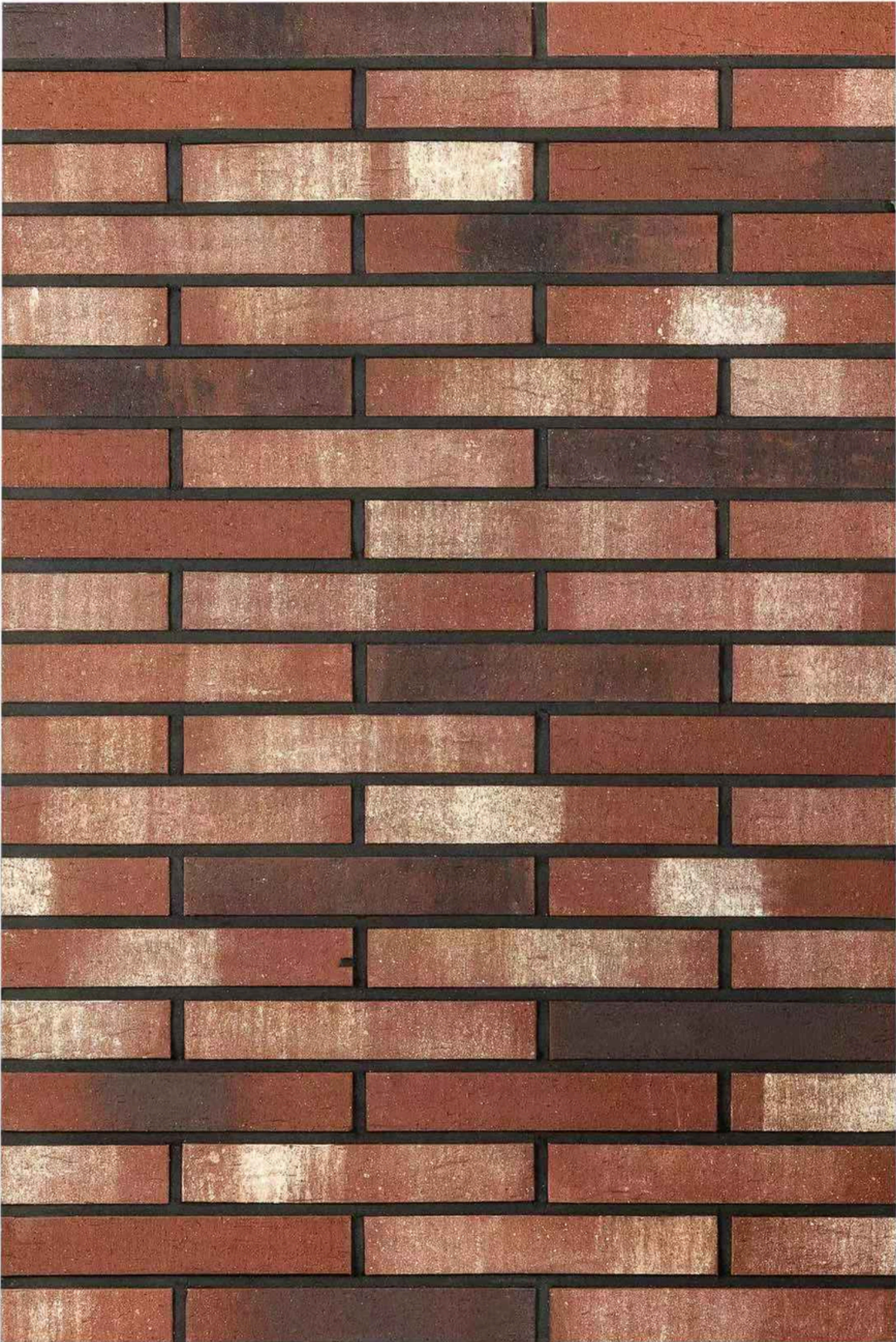
ENERGY SAVINGS & THERMAL BENEFITS

Smartbric's lifespan is enhanced by the ventilated rainscreen's internal air cavity, which stays dry and naturally expels condensation, precipitation and atmospheric moisture. This process helps keep the material dry, boosting its durability over time.



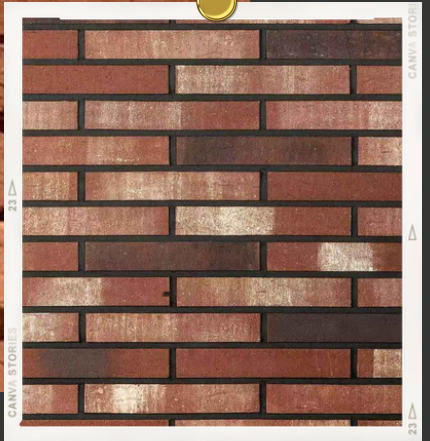
ECO-FRIENDLY & SUSTAINABLE

Smartbric is designed to meet all environmental safety standards and is made from natural raw materials or high-content recycled materials. The rainscreen system also supports thermal control and enhances the building's energy efficiency.



MOODBOARD

Inspiration



Modern Exterior Using Mixed Materials

BAYSIDE, VICTORIA



Smartbric's Natural Beauty

— EXTENSIVE RANGE OF COLOURS —

Smartbric brick facings and corners are available in a range of colours and styles, including Australian made bricks using locally sourced clay and traditional coal-fired downdraft kilns, extruded clay brick facings made using modern production methods to produce a high-quality vitrified product and concrete masonry bricks made using local raw materials and the latest pressing technology.

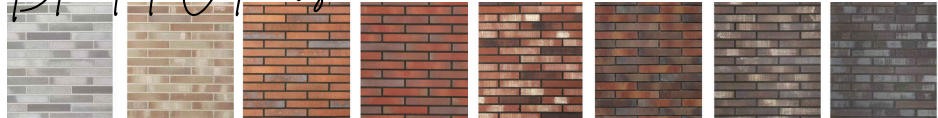
Standard Colours



Extruded clay brick facings available in a curated selection of colours, with custom colours and finishes available on request.

These bricks are produced using a modern extrusion process, which reduces energy consumption and waste, making them an eco-friendly choice.

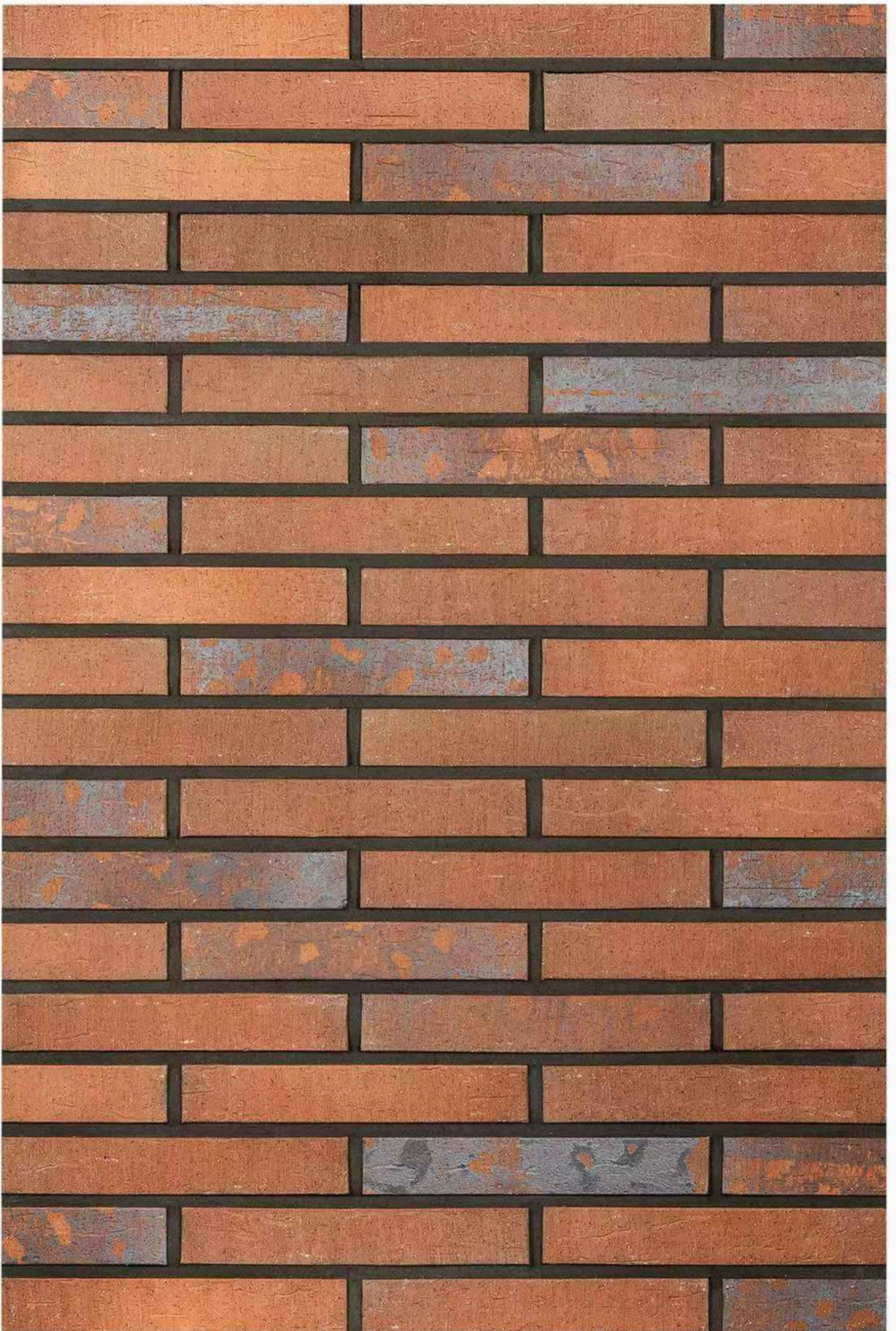
Blended Colours



The Smartbric blended collection is an inspired range of blended brick options, crafted to recreate the warmth and character of timeless, textured brickwork.

[CLICK HERE](#)

See the Smartbric Colour Chart for the full list of colours and finishes.





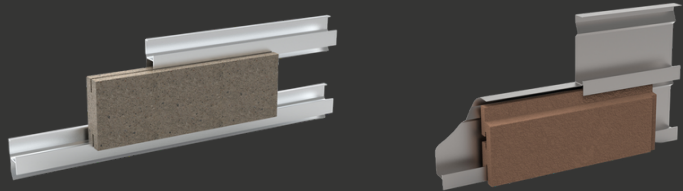
Smartbric's Unique Eco-System

The Smartbric brick façade system has been tested to AS 4284 and developed for quick, smart and simple installation by skilled tradesmen rather than only a traditionally specialised bricklayer.

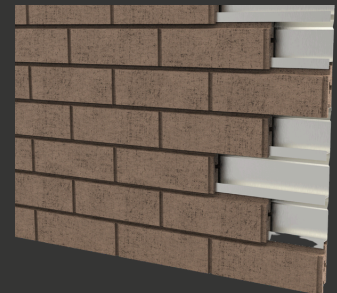
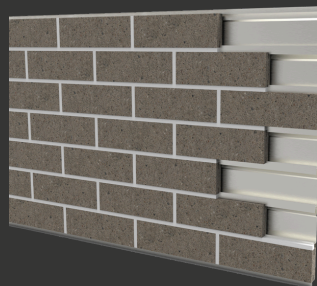
Made using either vitrified clay or concrete masonry, Smartbric allows the designer to achieve a realistic brick look without the shortcomings of traditional brickwork when it comes to weight, limited space or where traditional brick construction is not economically viable.

The Smartbric Track and Rail Eco-System complies with the relevant requirements of the NCC.

Having a universal track and rail option allows for a mix and match, customisable approach using a system geometry that forms an interchangeable ecosystem.



The choice between a grouted or mortarless shadow look provides design flexibility and aesthetic fluidity.



Strong, Sealed and Sustainable

*Design with confidence using Smartbric
Rainscreen Brick Façade System*



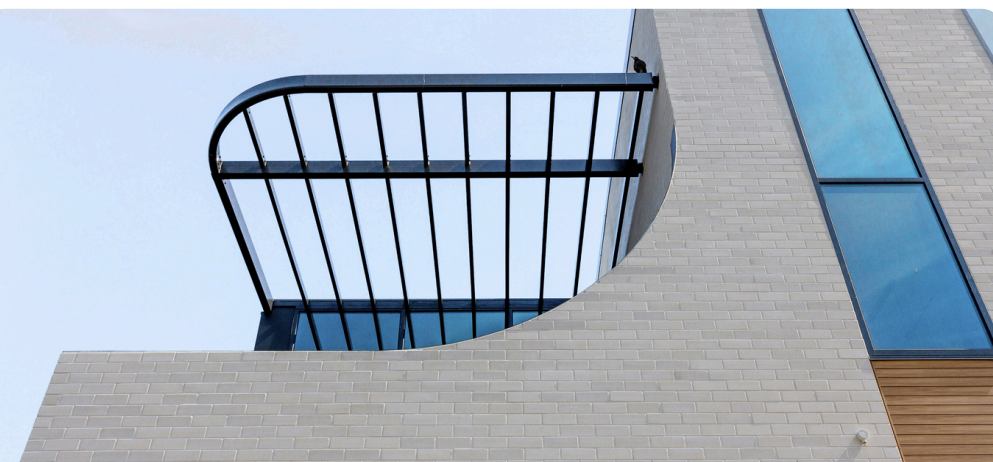
CASE STUDY: CLYDE HEALTH HUB, VIC

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The Clyde Health Hub located at 1 Morison Road in Clyde, VIC, is an extension of an existing medical centre, consisting of consultancy rooms with one tenancy and level one consisting of pathology and dental rooms.

The project features 750sqm of the Smartbric ventilated rainscreen façade Track system with Classic brick facings in the colour Salt.

The decision to opt for Smartbric was motivated by its lightweight nature, one of many key benefits of working with our innovative brick façade system.



”

PROJECT
Clyde Health Hub, VIC

PRODUCT
Smartbric Classic facings
in the colour Salt

OWNER
Clyde Village Pty Ltd

BUILDER
Aspekt Construction Group

INSTALLER
Stanmore Ceramics

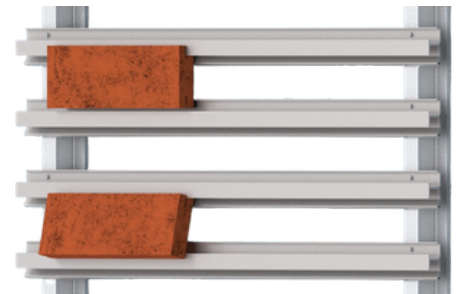


Smartbric

COMPONENTS OVERVIEW

Smartbric facings are manufactured in standard sizes to reflect the common Australian brick size of 230mm x 76mm. Brick facings are designed to be cut on onsite using a conventional wet saw to suit the specific measurements that the job requires.

Smartbric Classic brick units and Smartbric Rapid brick units are both designed to be installed onto the Smartbric cold-formed galvanized metal Track or Smartbric extruded aluminium Rail.



Classic

BRICK FACING

- Smartbric Classic brick is designed to be grouted using a mortar to deliver a flush finish and traditional look.
- Smartbric Classic brick system requires grouting with either a cement-based mortar with Smartbric Add-Mix (plasticizer powder additive) or Smartbric Redi-Mixed polymer modified mortar.
- Adaptable for local brick stock.

Rapid

BRICK FACING

- Smartbric Rapid is designed as a mortar-less system where the brick's recessed edges provide a shadow effect that replicates the look and character of brickwork with a raked joint.
- Grouting isn't required for Smartbric Rapid's brick system but is optional if desired for design purposes.
- Delivers speed and efficiency in installation.
- Removable and replaceable facings.

Track & Rail

MOUNTING SYSTEM

- Track and Rail mounting ecosystem is unique in that it incorporates a dual locking mechanism to secure brick facings in position - available with fixed or variable gauges.
- The Smartbric Track is manufactured from Grade G2 Z275 coated steel with a BMT of 0.55mm, for greater durability and design flexibility.
- Galvanised steel track for speed of installation.
- Aluminium rail is equipped for more corrosive environments and intricate detailing.



Designing With Brick

When specifying brickwork, various criteria should be considered depending on factors such as the intended application, environmental exposure and the aesthetic effect required.

Brick has unlimited design possibilities, dramatically increases a project's value, and outperforms every other building material from maintenance and an investment viewpoint. But did you realise there's more than just a brick's colour to decide on?

1. Choose a colour scheme

Do you want colours that complement or contrast? Sometimes, you can achieve both.

2. Select your texture

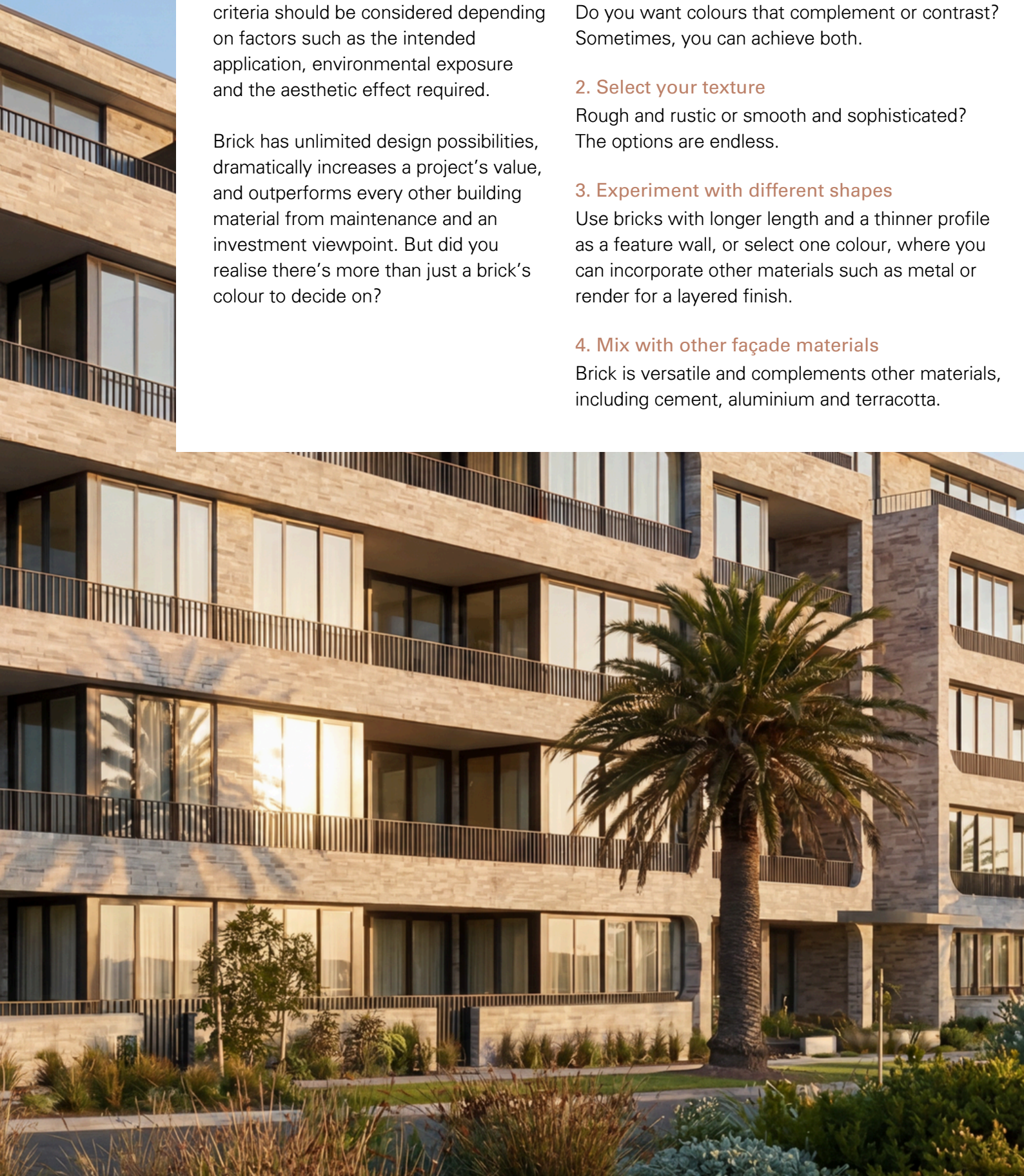
Rough and rustic or smooth and sophisticated? The options are endless.

3. Experiment with different shapes

Use bricks with longer length and a thinner profile as a feature wall, or select one colour, where you can incorporate other materials such as metal or render for a layered finish.

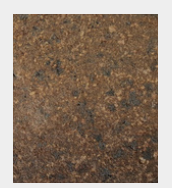
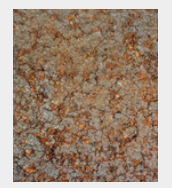
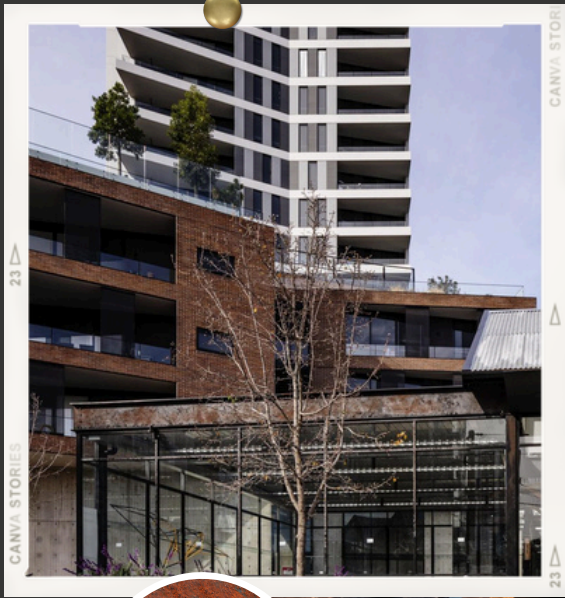
4. Mix with other façade materials

Brick is versatile and complements other materials, including cement, aluminium and terracotta.



MOODBOARD

Inspiration



"Brick creates a vintage aesthetic... produces a distinctive style... has personality and often holds a story."

SMARTBRIC IS SUITABLE FOR EXTERIOR AND INTERIOR APPLICATIONS AS WELL AS NEW BUILDINGS AND RENOVATIONS.

Smartbric's Universal System

STACK | IN-FILL | GROUT... OR DON'T.

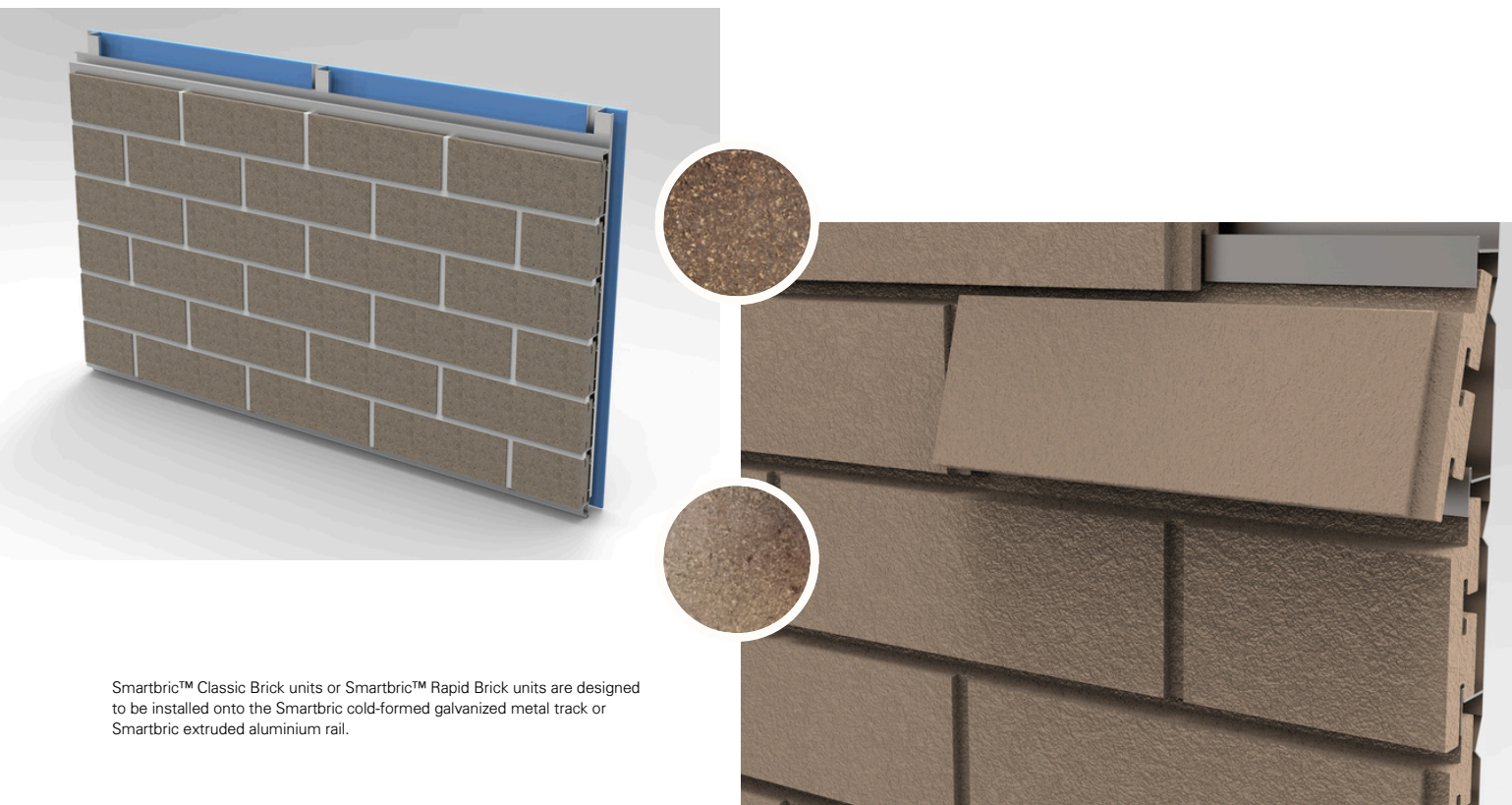
Smartbric brings the beauty of traditional brick façades together with the functionality and ease of a brick slip installation.

Eliminating the need for traditional adhesive and mortar, but creating a much easier and less labour intensive install that can be completed in a fraction of the time.

The Smartbric Track and Rail System comprises of the following components:

1. Brick Facings – Made from genuine brick cuttings or specially manufactured fired clay.
2. Framing System – A uniquely profiled track and rail mounting eco-system.
3. Backing Structure – A weather defense system tested to AS4284.
4. Mortar – Brick grouting for decorating and sealing between bricks.
5. Finishing Trim – Decorative aluminium extrusions for detailing trim.

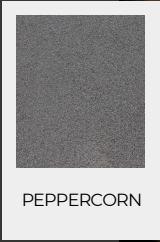
SMARTBRIC. THE ART OF SMART



Smartbric™ Classic Brick units or Smartbric™ Rapid Brick units are designed to be installed onto the Smartbric cold-formed galvanized metal track or Smartbric extruded aluminium rail.

MOODBOARD

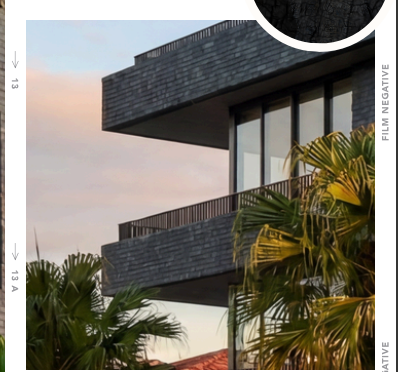
Inspiration



PEPPERCORN



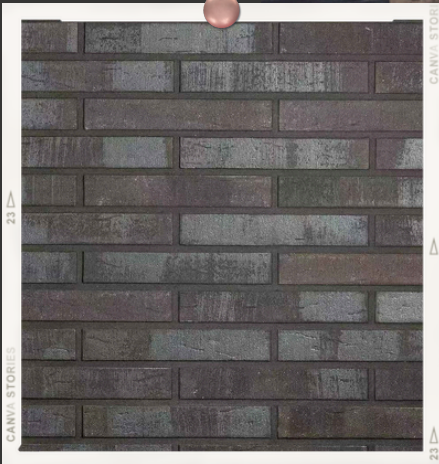
WROUGHT IRON



FILM NEGATIVE



FILM NEGATIVE



CANVA STORES

CANVA STORES

CANVA STORES

Sophisticated & Timeless



*It's not what you look at that matters,
it's what you see*

Create an experience with Smartbric Façade System



WHICH *Brick* WOULD YOU CHOOSE?

Bricks are a mainstay in architecture, giving prestige and elegance to any building project.

For many people, Australia’s harsh weather conditions that are a natural part of the climate make choosing a low maintenance brick alternative a much more attractive and cost-effective option for their projects.

As aesthetically pleasing as brick may be, a brick alternative such as Smartbric’s universal eco-system, offers greater durability and flexibility, making it the perfect design alternative for projects.

Our Australian made architectural range of traditional bricks are ideally suited to Federation style buildings, upscale commercial buildings, and restoration projects whilst our imported contemporary range offers a chic and stylish alternative.



	BRICK	SMARTBRIC
Strong Material	☆☆☆☆	☆☆☆☆☆
Lightweight and Flexible in Design	☆	☆☆☆☆☆
Weatherproof and Thermal Movement Resistance	☆☆☆☆☆	☆☆☆☆
Electrical and Heat Resistance	☆☆☆☆☆	☆☆☆
Low Maintenance	☆☆☆☆☆	☆☆☆☆☆
Quick and Easy Installation	☆☆	☆☆☆☆☆
Individual and Easy Match Options	☆☆☆	☆☆☆☆☆
Beauty that Lasts	☆☆☆☆☆	☆☆☆☆☆

Smartbric clay brick facings are available in a range of extruded contemporary brick facings made using modern and efficient production methods to produce a high-quality vitrified product.

Also available, is a local premium pressed concrete masonry bricks range made using local raw materials and the latest pressing technology to produce a brick that is perfect in shape, consistency, and durability. Its bespoke mix provides finely texture surface with high quality oxide pigments for vibrant long-lasting and vibrant colours perfect for modern design.

Smartbric bricks are durable, long-lasting and are made from highest-quality dry pressed and extruded bricks, designed to meet stringent building standards to guarantee consistent size, shape and texture across a range of applications.

“

Brad Watts | Shape Australia

We choose Fairview's products because of their level of quality control and their commitment to ensuring that each panel that enters their warehouse, passes their strict quality control process.

”

TESTIMONIAL



ACHIEVING BIOPHILIC DESIGN WITH BRICK-LIKE CLADDING

Biophilic design is about connecting people and nature within our built environments and communities.

The demands of the modern world have forced us to find a sense of calmness and comfort in our home environment, which could partially explain why we are seeing a significant increase in the use of natural and earthy construction materials.

Architects can find biophilic inspiration from the multitude of natural materials and finishes that, rather than refine away the surface irregularities, highlight the organic elements to further enhance the urban experience.

Biophilic design weaves the patterns and forms of nature into the built environment to strengthen the human-nature connection. Architects incorporate nature into a space with the want to positively impact people's mood and at times their health with the design technique used particularly in hospitals, schools, and office spaces.

There are many ways to introduce biophilic design into a space, but with many bricks made from clay, being a natural resource that has been used since the beginning of time, it makes sense to design with a material that's durable in all seasons.

Brick creates a sense of timeless, earthy and natural aesthetics. Brickwork is a material that combines history, nature and humanising a space. In doing so, brick is known to stimulate the parasympathetic system and calm you, minimising stress and promoting focus.

"I entered architecture with the commitment to connect people and nature through the buildings we spend 90% of our time in."

Amanda Sturgeon | CEO, International Living Future Institute



WHY BIOPHILIC ARCHITECTURE?

The growing trend in biophilic design is two-fold, intent is to improve quality of life by reconnecting humans with nature using the built environment - shifting the urban landscape from a steel and cement scenario to a greener one, where the integration of greenery, light, water and all sorts of natural elements in design positively affects people's perception of space and the time spent in it.

Finding the balance between aesthetics and function is the key challenge when it comes to architecture, and irrespective of project scale, type, or function, there are now many natural cladding products available to pioneer the progression towards the future of built environments.



“By using more natural materials, we strive to build links that connect us physically and emotionally, rather than just digitally to our world.”

SMARTBRIC CAN FULFIL YOUR BIOPHILIC DESIGN INTENTIONS

Engineered for rain, hail or shine, bricks are one of the most widely used building materials in residential buildings. Loved by both owners and designers, bricks come in an extensive range of colours, shapes and styles, versatile for an endless variety of façade designs.

Proven to last a lifetime, bricks are suitable for chic, classic and contemporary styles. Made to withstand the harsh Australian climate, most brick products can last for countless years.

Known for its high-performing durability, excellent quality and low maintenance features, bricks can retain their colour for a lifetime. As a cost-effective solution that delivers on both functionality and form, bricks are a low maintenance choice when designing a façade.

Encompassing the same features as the traditional 'old faithful' brick, Smartbric extends the benefits for builders and installers by using an installation system in their projects that will allow for quick time estimates, costs, and building requirements and installation by a skilled tradesman.

Smartbric is a traditional material with a modern soul. Using an innovative universal mounting track and rail eco-system, the highly customisable system allows the mix and match of colours, and provides design flexibility.

EXPLORE THE SMARTBRIC RANGE.

[CLICK HERE](#)



Fairview re-introduces our beloved brick, same material, colour and texture with a new, modern and artful soul. Smartbric. It's the same brick you've always loved but rethought to meet modern and futuristic building needs.

HOW TO SPECIFY BRICKSLIP STYLE CLADDING.

What is a Brickslip?

A building's façade can feature an array of materials such as timber, masonry, terracotta, metal, steel and aluminum. The design and performance characteristics of these materials vary significantly, and your choice of cladding should be based on a careful assessment of the project's climate conditions, as well as the aesthetic design intent.

Brick slip cladding is used to replicate the appearance of traditional clay brick walls, both internally and externally. The system is not structural, and primarily an aesthetic alternative, while still offering many of the same advantages.

Strength, sophistication and simplicity are hallmark benefits of brickslip cladding that make fabrication and installation significantly easier.

Smartbric, the lightweight brickslip system for faster brick cladding. The innovative, high performance brick facings create a durable brick-look façades that acts as a rainscreen and maximises installation efficiency.

RILEY GILLIES | SMARTBRIC SPECIALIST
FAIRVIEW

Why Smartbric?

Smartbric's universal Track and Rail System is one-of-a-kind here in Australia. The Ventilated Rainscreen System can be used across all class A, B & C developments. Smartbric unleashes new and creative design possibilities not achievable with conventional brickwork.

Designers and builders are striving to find alternative solutions that sustain natural resources and provide greater biophilic presence, while simplifying the installation process.

- Genuine Brick - without weight, space and boundary limitations faced in modern day construction.
- Design flexibility - aesthetic flexibility and a customisable design approach.
- Leading technical support - Smartbric is supported with some of the industry's leading technical content and customer support.

What Look to Choose.

For standard colours that suit your design brief, select from our core range of extruded bricks. If this doesn't quite hit the mark, you can look at your own customised colour.

The natural textures of brick are present in Smartbric as they are simply cut or extruded brick facings, allowing you to achieve the traditional and timeless look of brick.

The choice between our range of grouts, or a mortarless shadow look provides design flexibility.

Specifying Smartbric

1) Brick Facings

- 25mm thick compared to a 110mm traditional brick.
- Classic facing and matching corners - grouted.
- Rapid facing - Shadow (mortarless) brick look without the expense of pointing.

2) Framing System

- Option of a rail or track to hold brick facings (and corners) in position.
- Rails - allow for variable brick height.
- Track system – interlocking strips whereby strip height serves as an in-built spacer.

3) Mortar

- Grout between bricks to provide weatherproofing and the authentic brick look.
- Conventional mortar with Smartbric Add-Mix plasticizer.
- Smartbric Redi-Mix polymer modified pre-mixed grouting compound.

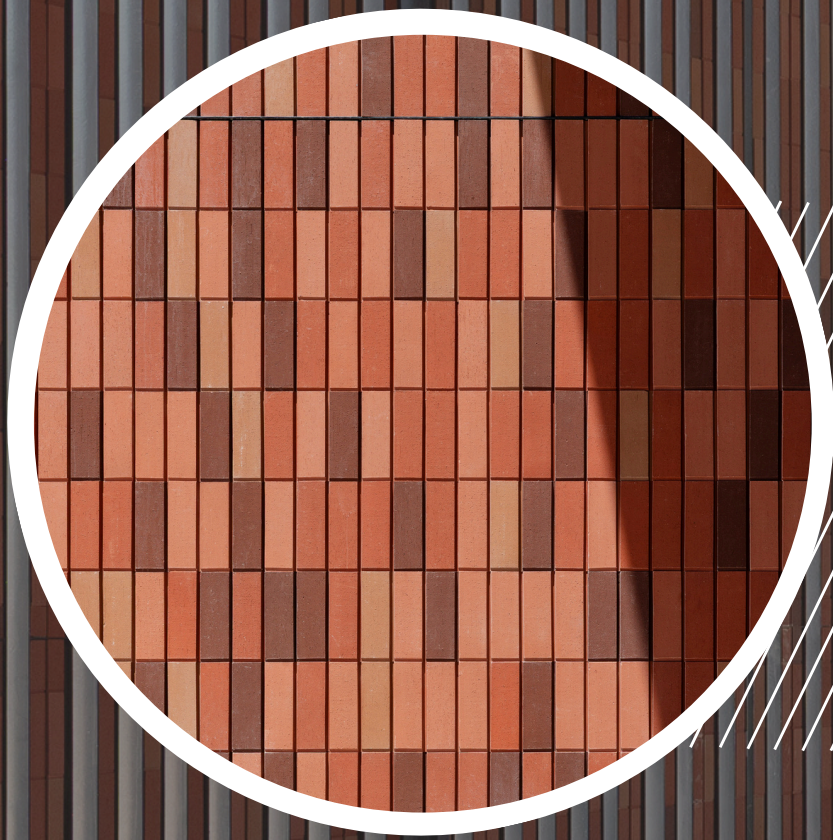
With Smartbric's Universal System, you can add the variation of colour and profiles as another design layer and can achieve something that is bold and authentic.

REQUEST A SAMPLE

CLICK HERE



SMARTBRIC IS THE FUTURE OF BRICK WALLS, WITH A REVOLUTIONARY NEW SYSTEM THAT MAKES INSTALLATION QUICKER AND EASIER. THE BRICK TILE VENEERS SLOT INTO A CLEVERLY DESIGNED TRACK AND RAIL SYSTEM FOR SECURE, YET SIMPLE INSTALLATION AND A CLASSIC BRICK LOOK FAÇADE.



*Architecture starts when you carefully
put two bricks together*

Get started, with Smartbric Rainscreen Brick Façade System



SMARTBRIC PAVES A NEW FUTURE FOR THE CLASSIC BRICK WALL.

Fairview has been a trusted provider of quality cladding to architects, builders and installers for over 30 years. We have listened to our customers and are revolutionising cladding for large-scale buildings with Smartbric's innovative ventilated rainscreen brick façade system.

The smarter way to build brick walls, Smartbric by Fairview is the innovative new solution to brick wall cladding. Combining limitless design flexibility and a more versatile installation solution to traditional bricks, Smartbric is the ideal choice for designers and builders.

REQUEST A SAMPLE
[CLICK HERE](#)





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FAIRVIEW™

DEFINING ARCHITECTURE SINCE 1868