



FAIRVIEW™

DEFINING ARCHITECTURE SINCE 1983



PRODUCT INFORMATION



smartbric®

BRICK RAINSCREEN FAÇADE SYSTEM / MANUFACTURED BY FAIRVIEW

ABOUT SMARTBRIC®

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

The system has been tested to AS4284 and developed for quick, smart and simple installation by skilled tradesmen as well as traditional bricklayers. Made using vitrified clay, Smartbric® allows the designer to achieve a realistic brick look without the shortcomings or restraints of traditional brickwork when it comes to weight, limited space or where traditional brick construction is not economically viable.

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

PRODUCT FEATURES

Material	Brick Ventilated Rainscreen Façade System
Finish	Natural brick facings available in a range of local, imported and concrete finishes
Fixing System	Innovative universal mounting Track or Rail system
Application	Type A, B and C construction where non-combustible materials or brick appearance are required such as mixed-use developments, residential construction, commercial and shopfitting projects
Warranty	10-year warranty, subject to standard terms and conditions

SYSTEM COMPONENTS

BRICK FACINGS



CLASSIC

Smartbric Classic brick facings are designed to be grouted using a mortar to deliver a flush finish and traditional look.

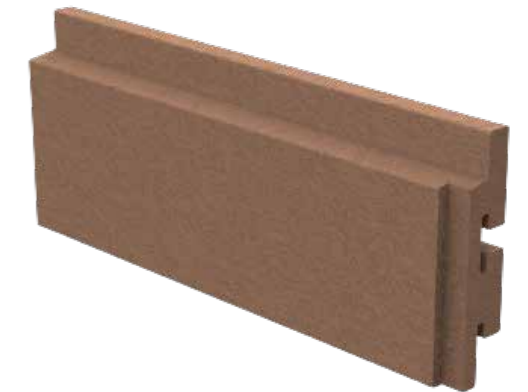
Available in three ranges: Local Clay, Imported or Concrete.



RAPID

Smartbric Rapid brick facings are 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.

Available only as imported clay brick facings.



FRAMING SYSTEM

A uniquely profiled Track and Rail mounting eco-system incorporating a dual locking mechanism to secure brick facings in position.



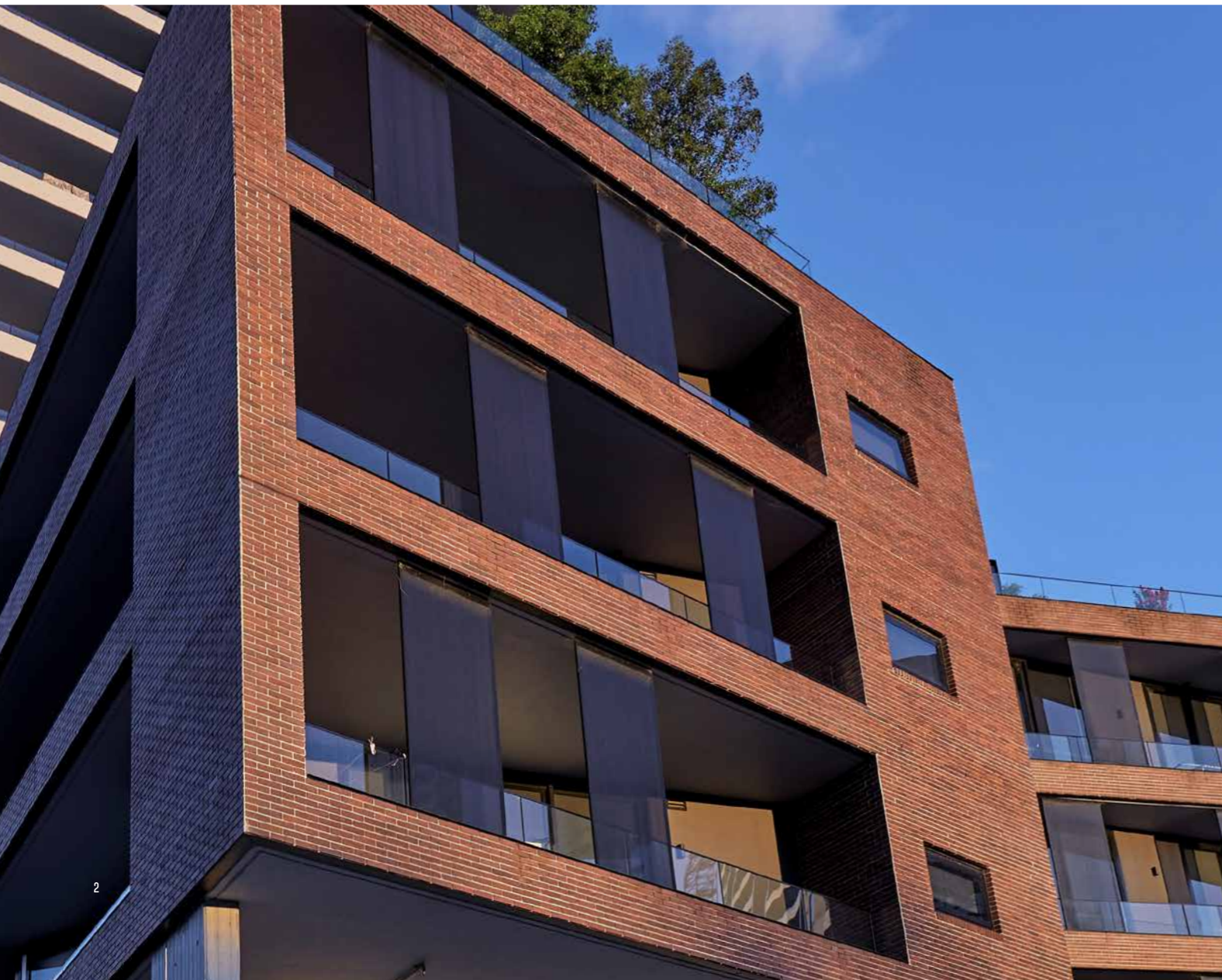
RAIL



TRACK



INTERCHANGEABLE TRACK AND RAIL



BACKING STRUCTURE/MOISTURE BARRIER

A weather defense system tested to AS4284 incorporating a proprietary S-batten for supports up to 600mm maximum centres.

- 35mm S-Section Batten
- Flexible Weatherseal membrane and Accessories

MORTAR

Brick grouting for decorating and sealing between bricks to provide weatherproofing and an authentic look and feel of brick work.



POLYMER MODIFIED REDI-MIX MORTAR - 10L

Smartbric® Redi-Mix provides an authentic mortar pointing look without the shortcomings or restraints of traditional mortars. The polymer modified formulation ensures consistency, ease of use and good workability.

Smartbric® Redi-Mix polymer modified flexible mortar was developed and tested as a pointing mortar for the Smartbric® ventilated rainscreen Brick Façade System. Tested to AS4284-2008: Testing of building facades, the pre-mixed polymer modified mortar provides excellent bond and weather exposure performance.



SMARTBRIC® ADD-MIX - 4L

Smartbric® Add-Mix is a concentrated mortar plasticizer powder additive for cement-based mortars and provides improved workability and water-retention characteristics for mortars to be used with the Smartbric® Rainscreen Masonry Façade System. Add-Mix replaces the need to use air entraining additive (AEA), hydrated lime (plaster lime), water retention additives in cement-based mortars.

FINISHING TRIM

Decorative aluminium extrusions for detailing trim and to accentuate the design quality of the finish.

- External Corner Trim
- Internal Corner Trim
- J-Section Cover Mould

*where corners are available

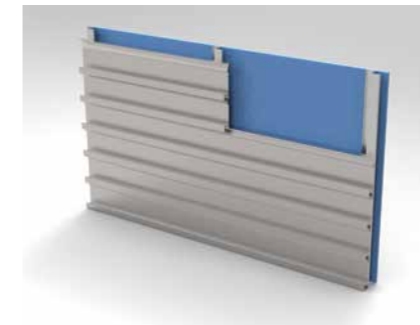
SMARTBRIC® ECO-SYSTEM

- A universal track and rail option allows a mix and match approach using a system geometry that forms an eco-system:
 - This can provide a highly customizable solution
 - Provides design flexibility and aesthetic fluidity
- Ecosystem can accommodate both a fix brick facing arrangement and a removable (replaceable) brick facing arrangement via a:
 - Fixed system whereby the units cannot be removed (as noted above – mechanically or by mortar)
 - Removable and replacement system (using a lift, tilt and pull technique)
- Universal track and rail arrangement provides flexibility to increase utility and function by means of profiling units to fit the profile.
- A suitably profiled extrusion, roll-formed or folded or routed component can be fitted to rail/track to provide trim option.
- Generally installed horizontally, but can also be installed vertically or at an inclination.
- Individual modules can be locked into position by:
 - Mortar (wet system)
 - Mechanical means (using rail or spacers and joiners) – dry system
- Individual units can also be secured into position in a manner that allow for removal and replacement without compromising performance as a façade system.

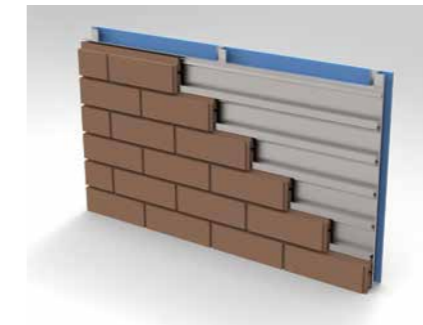


SIMPLE INSTALLATION

Fixed gauge profiled steel track with commercial 25mm Classic brick facing or Rapid brick facing:



Step 1: Stack

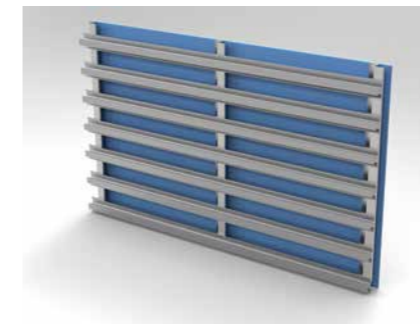


Step 2: In-fill

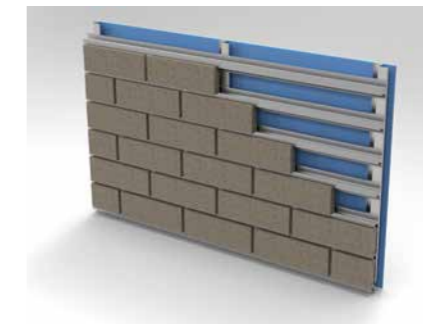


Step 3: Grout (Optional on Rapid System)

Variable gauge profiled aluminium rail with commercial 25mm Classic brick facing or Rapid brick facing:



Step 1: Stack



Step 2: In-fill



Step 3: Grout (Optional on Rapid System)

See the Smartbric Installation Manual for the full installation methods.

KEY FEATURES



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.



EXPRESS INSTALLATION

Smartbric features a unique eco-system design for its sub-system, 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.



FINISH

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

Smartbric Classic facings are designed to be grouted using a mortar to deliver a flush finish and traditional look. These facings can be ordered from the core range of extruded brick colours and also from a wide variety of local Australian clay and concrete bricks within the non-core range.



Smartbric Rapid facings are 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. These facings can be ordered in colours from the core range, with custom finishes also available upon request.

See the Smartbric Colour Chart for the full range of colours.





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