



FAIRVIEW™

DEFINING ARCHITECTURE SINCE 1983



smartbric™

BRICK RAINSCREEN FAÇADE SYSTEM / MANUFACTURED BY FAIRVIEW

PRODUCT INFORMATION

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.



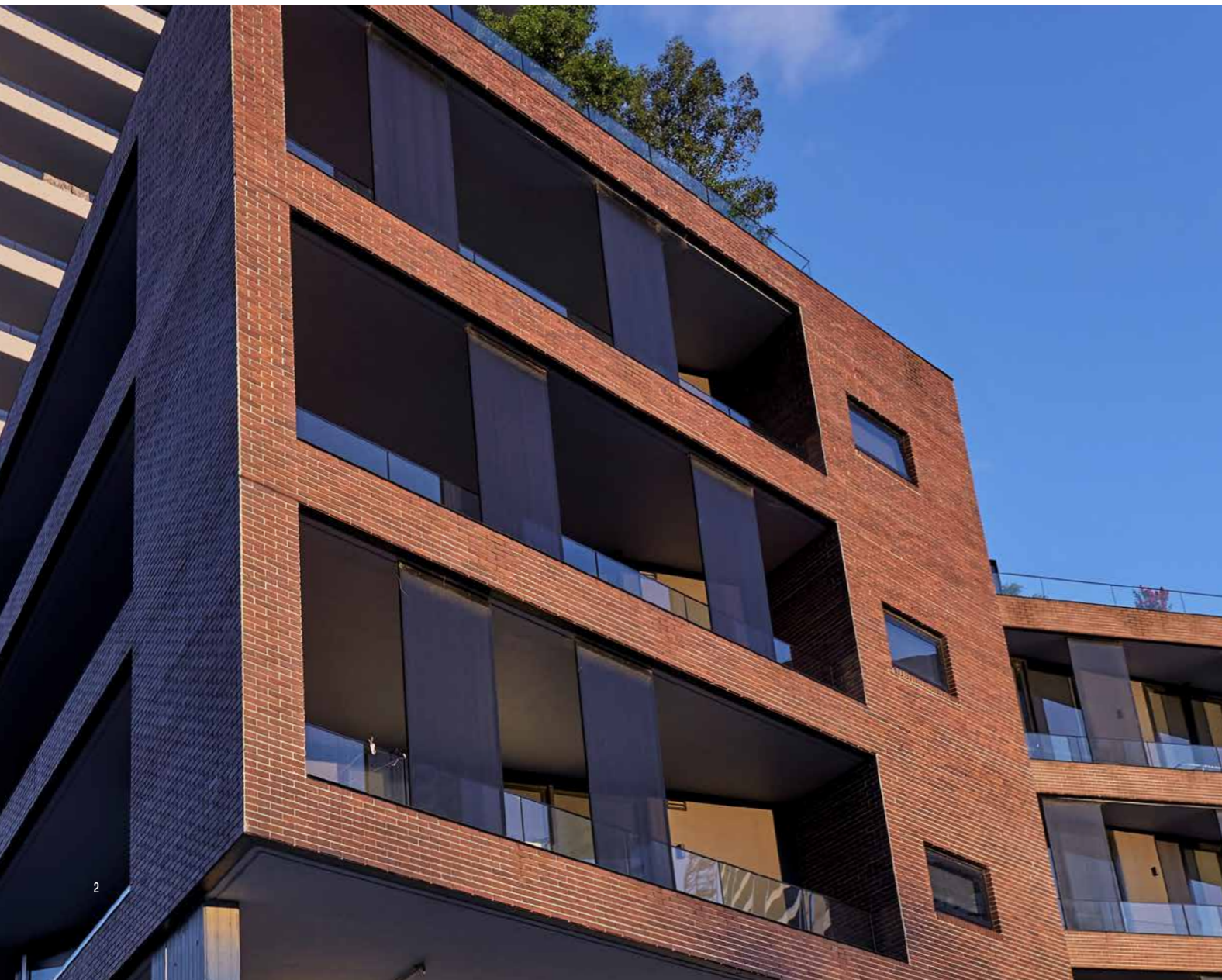
RAIL



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

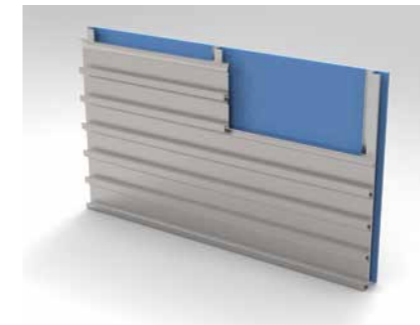
SMARTBRIC™ ECO-SYSTEM

- 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.

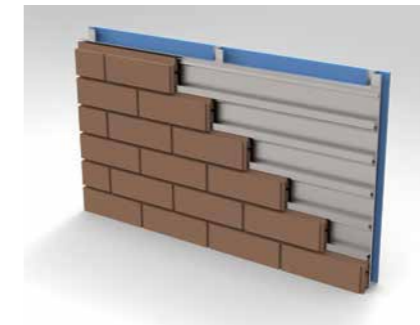


SIMPLE INSTALLATION

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



Step 1: Stack

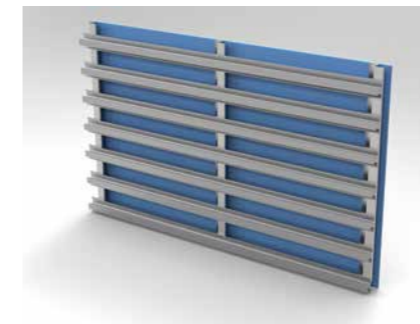


Step 2: In-fill

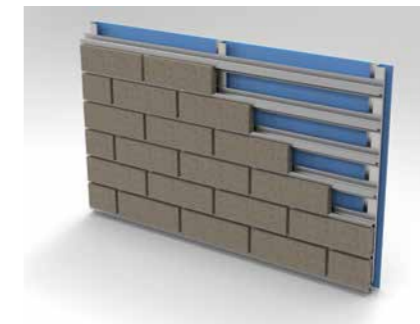


Step 3: Grout (Optional on Rapid System)

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.

PRODUCT BENEFITS



NON-COMBUSTIBLE

Smartbric units are made from vitrified clay or concrete and are inherently non-combustible. Each clay brick is individually tested during the firing process.



DESIGN FLEXIBILITY

Available in a range of striking colours and both traditional and contemporary brick finishings, the universal Smartbric Track and Rail System allows for a mix and match approach, which provides a highly customisable solution and aesthetic fluidity.



SUITED FOR ALL APPLICATIONS

Smartbric is an installation solution designed for application in interior residential projects, commercial fit-outs and exterior building facades.



EXPRESS INSTALLATION

Smartbric utilises a unique eco-system design of the sub-system which allows for a simple and intuitive installation for differing skill levels of builders, installers and tilers.



LOW MAINTENANCE

The Smartbric Rainscreen Façade System requires low to no maintenance, maintaining its aesthetic appearance for many decades. In the case of a necessary brick facing exchange or replacement, this is easy to do with Smartbric Rapid.



DURABILITY ASSURANCE

Smartbric's lifetime is extended due to the ventilated rainscreen's internal air cavity which remains dry and removes condensation, precipitation and atmospheric moisture in a natural way, keeping the material dry and improving durability.



RELIABLE

Trusted supplier with product in stock means you can be confident in your timeframes, with deadlines met and the Fairview service throughout the process.



ENVIRONMENTALLY FRIENDLY

Smartbric is developed in compliance with all requirements for environmental safety and is made from natural raw or high content recycled materials. The rainscreen system additionally favours both thermal control and energy saving of the building.



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 in colours from the Australian Made Clay Range, Local Concrete Masonry Range and Imported Range. Custom finishes are also available upon request.



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 Imported Range, with custom finishes also available upon request.

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





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SMARTBRIC™ / JULY 2023