



clayton™

TERRACOTTA FAÇADE SYSTEM / MANUFACTURED BY FAIRVIEW

eBook

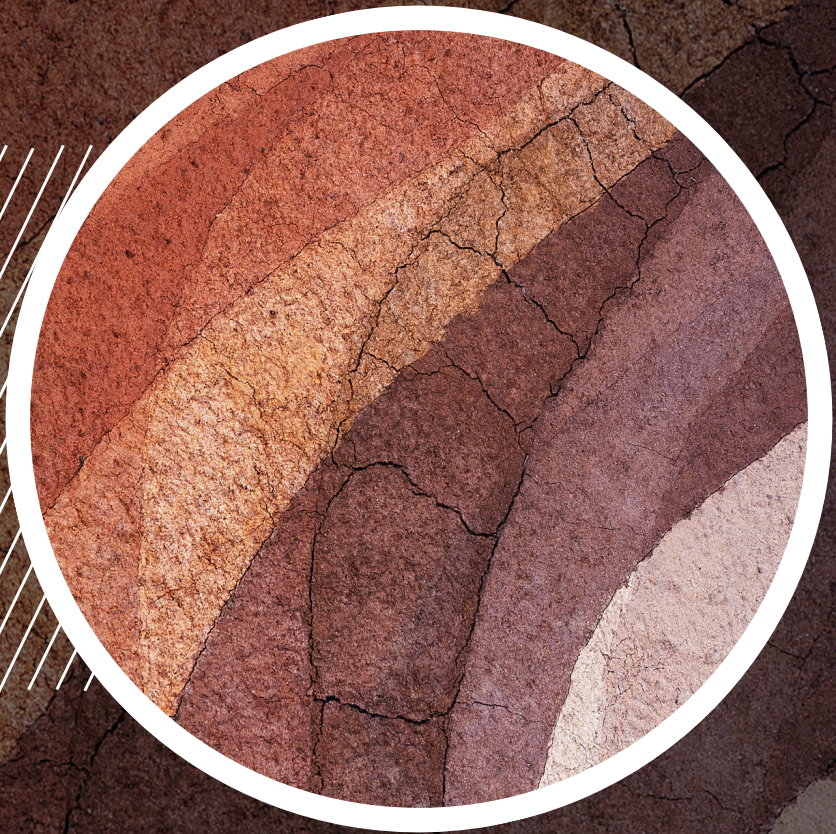


FAIRVIEW™

DEFINING ARCHITECTURE SINCE 1963

Natural Terracotta Facades

Fulfilling the biophilic design trend & sustainability goals





About Clayton

Manufactured from clay, sculptured into shape and then fired at high temperatures, terracotta cladding comes in a range of colours and textures that offer warmth and a tactile sensation that is not achievable with other building products.

The mass and density of the terracotta tiles combine to create higher thermal insulation, improved noise reduction, as well as UV and weather resistance that are far superior than other façade products.

Terracotta façades are a truly low maintenance building product that is aesthetically pleasing, eco-friendly and a sustainable alternative to achieving beautiful biophilic designs.

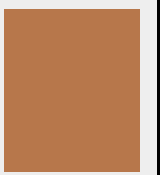
Clayton™ Terracotta Façade System combines the charm of terracotta with modern production techniques to offer a range of high performing façade products that meet design and building requirements.

MOODBOARD

Inspiration



SALMON PASTEL



FRENCH BEIGE



YELLOW CREAM





CLAYTON TERRACOTTA FAÇADES

Key Benefits



COLOURS

Incredibly versatile in colour, Clayton blends beautifully with palettes featuring both warm and cool shades. By blending different types of clay materials and controlling the firing temperature of the kiln, it is possible to produce a variety of natural fired colours. Pigments, oxides and glazes can be used in the clay to extend the range of colour options available to achieve any desired colour, tone or finish. A unique feature of terracotta is the result of the firing process during manufacturing which essentially locks the colour into the panel, ensuring your design will last for the life of the building.



TEXTURES & FINISHES

Available in different textures, this allows designers to play and experiment with the shadow effects on the structure. Clayton terracotta façades can be processed with a wide variety of surface texture treatments, including natural, sandblasted, wire struck, corrugated, grooved and linear. This feature of Clayton offers limitless design options for architects.



SHAPES & PROFILES

Terracotta cladding is no longer confined to a flat shape. Advances in production technology now means terracotta façades can take almost any shape, size and finish. The cladding can also be installed both horizontally or vertically, maximising the design flexibility for a project. Available as a façade or sunscreen system, Clayton offers unparalleled beauty, creativity and aesthetics to a building.

CLAYTON TERRACOTTA FAÇADES

Key Benefits



DURABLE & LONG LASTING

Terracotta as a natural material is robust and resistant to damage, helping to create a façade that will retain its appearance and have minimal impact on the environment due to reduced wastage and replacement rates. Its life expectancy far exceeds that of other cladding materials.



ENERGY SAVINGS & THERMAL BENEFITS

Clayton terracotta façades are able to withstand harsh weather conditions and protect the building to improve energy efficiency. Clayton is available as part of a rainscreen system, with a ventilated cavity to help keep a building's airflow and temperature regulated. Due to their higher thermal mass, materials such as terracotta reduce thermal transfer of heat to the rest of the building, and assist in maintaining the desired internal building temperatures.



COST EFFECTIVE & EASY INSTALLATION

Clayton terracotta façades come in easy-install systems for convenience, efficiency and the ability to install across large-scale façades with reduced labour, time and costs. The terracotta rainscreen cladding system does not use grout or sealants, therefore, reducing the need to maintain the joints. The surface of the Clayton terracotta façade is anti-static and therefore dust resistant. If the surface is dusty, it is easily washed off by rain. This self-cleaning function can reduce the cleaning and maintenance costs of Clayton, especially for high-rise buildings.



SAFE, ECO-FRIENDLY & SUSTAINABLE

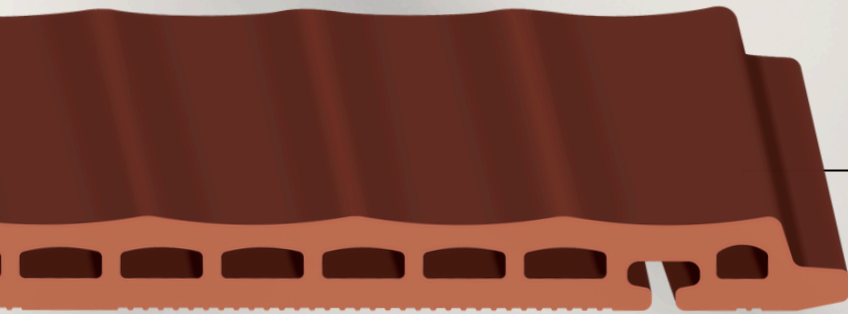
Terracotta is an environmentally friendly material made from 100% clay that can be easily recycled, repurposed into other uses or broken down quickly and put back into the Earth, reducing the amount of waste that ends up in landfill. Made from the earth's natural resources with minimal processing, natural cladding materials reduce energy consumption in manufacturing.

Clayton terracotta cladding is available in a range of profiles and surface textures designed to achieve impactful visual effects to any design.

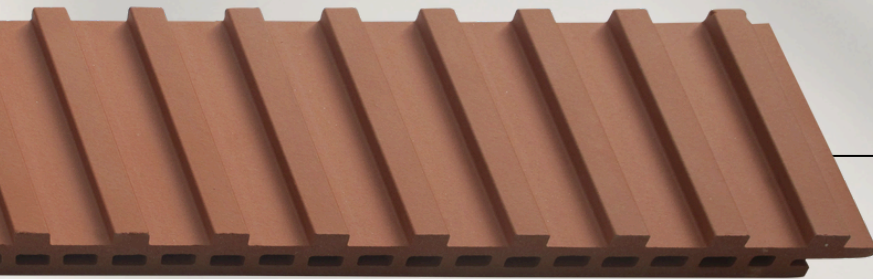
The three ranges include Standard, Specialist and Baguettes.



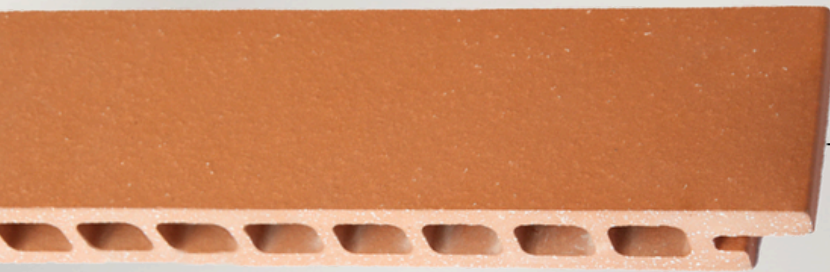
Standard Range



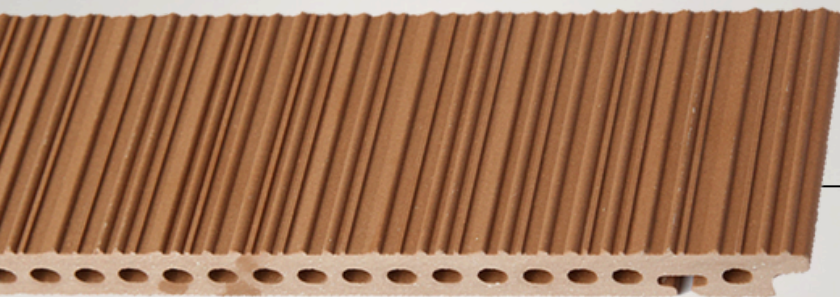
UNDULAR 18MM



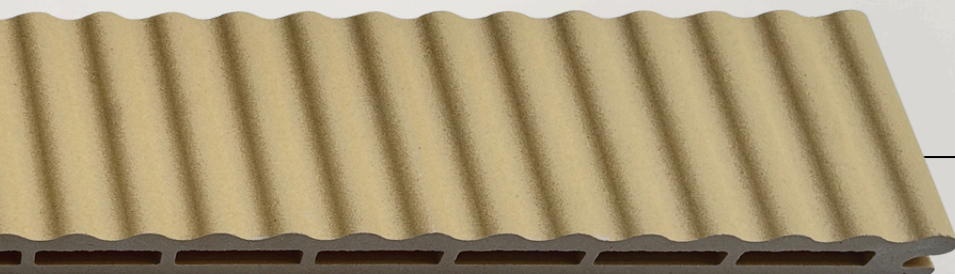
LINEO 30MM



TERRAIN 18MM|30MM

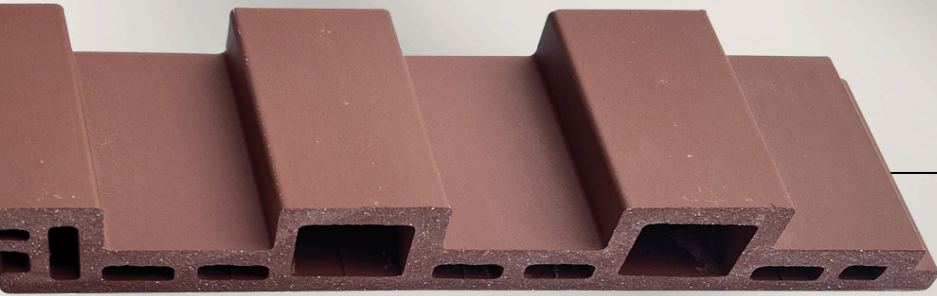


STRADIC 18MM|30MM

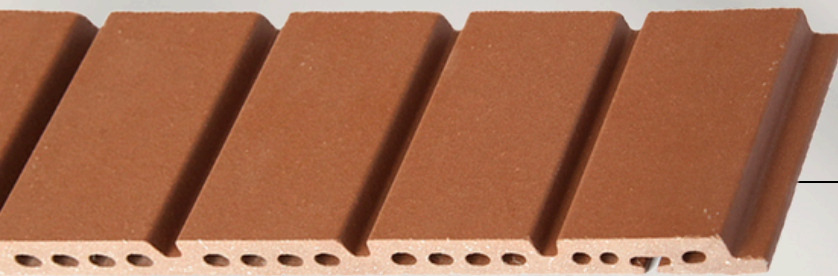


ALTIVO 20MM

Specialist Range



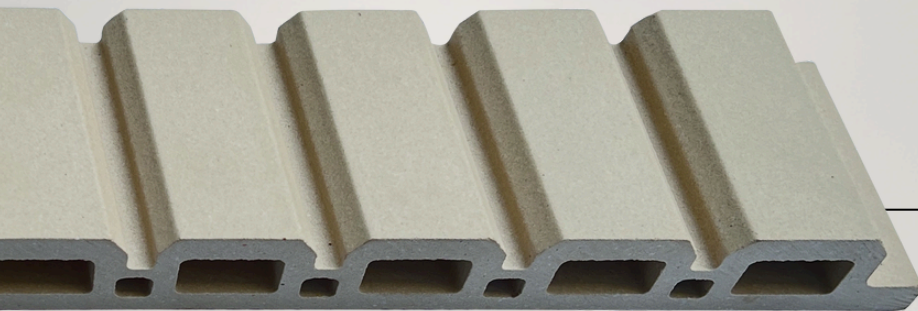
BATTEN 30MM



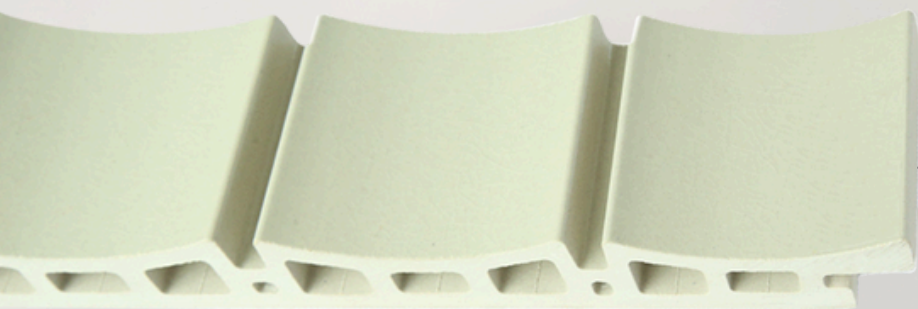
GROOVE 18MM|30MM



GROOVE WIDE 30MM

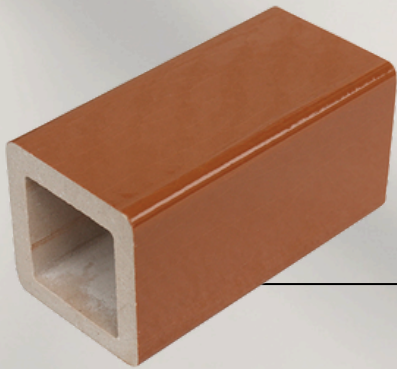


OCTAL 30MM

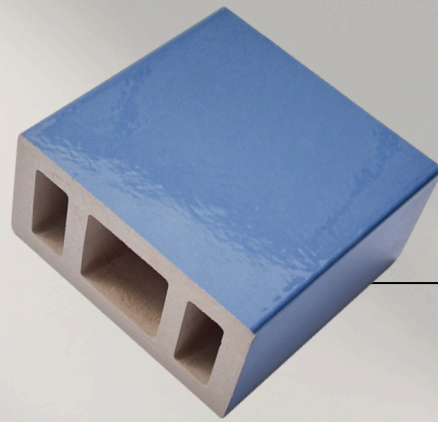


CONCAVE 30MM

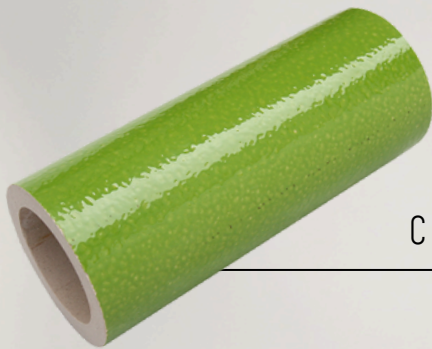
Baguette Range



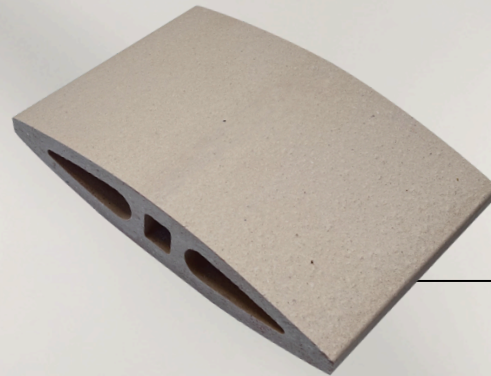
SQUARE



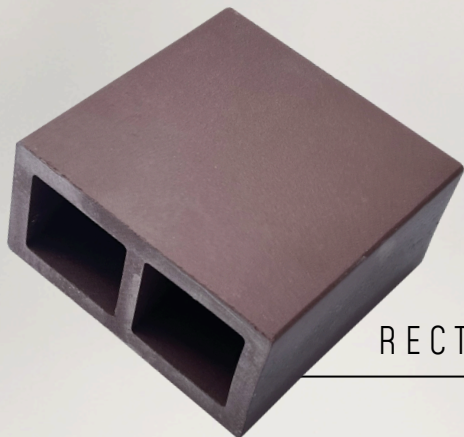
LOUVER



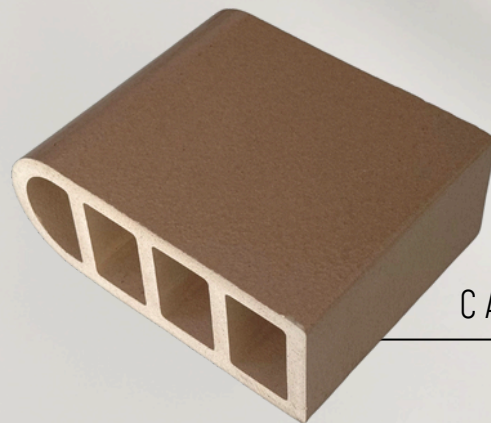
CIRCULAR



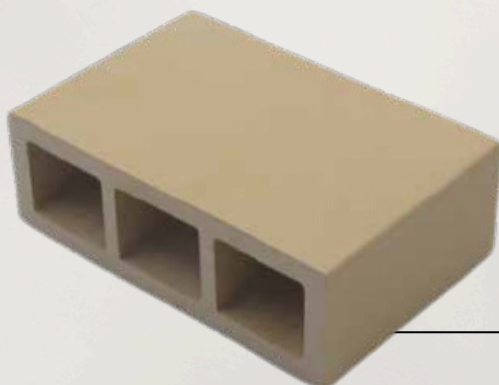
LAMERA



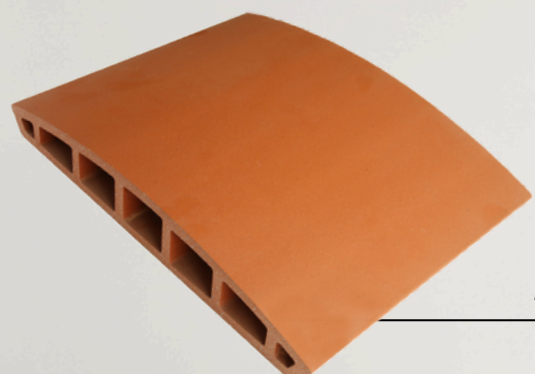
RECTANGULAR



CAMBERED



RECTANGULAR
WIDE

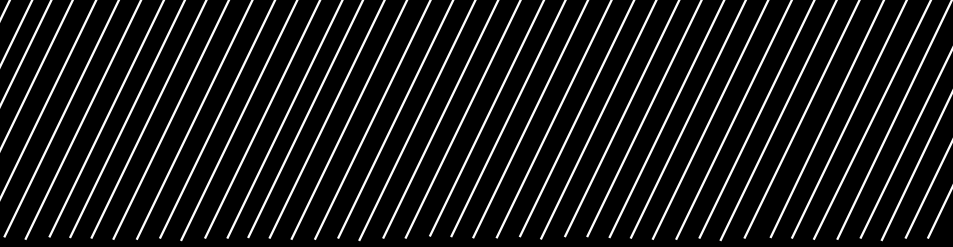


ARC



Terracotta Baguettes

Adds colour, depth and form, while also being an effective sunshade or screen



Standard Colours



Clayton terracotta façades deliver

biophilic design

and energy efficiencies for projects.

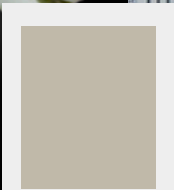
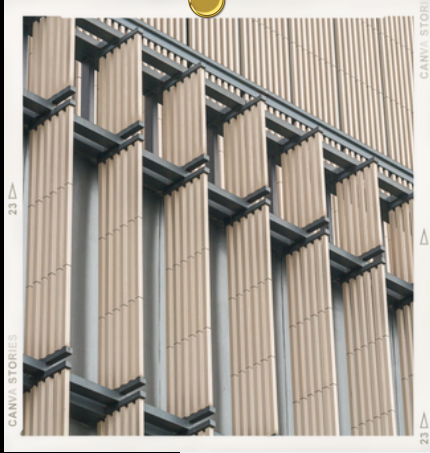
[EXPLORE THE CLAYTON COLOUR RANGE](#)

[CLICK HERE](#)

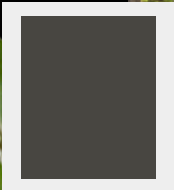


MOODBOARD

Inspiration

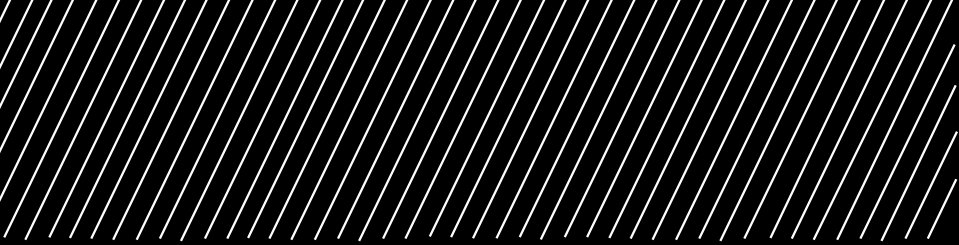


SILVER GREY

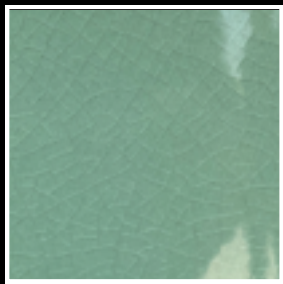


VOLCANO GREY





Specialised Finishes



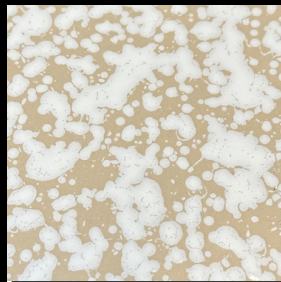
Glazed Broken Glass



Glazed Spots



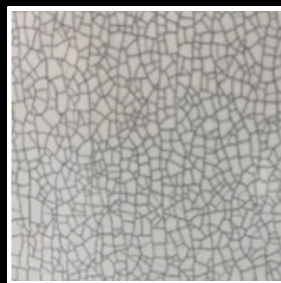
Sanded Concrete



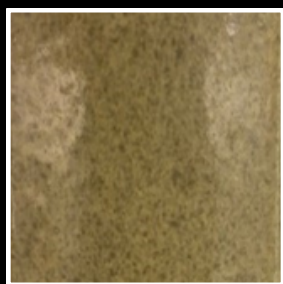
Glazed Blizzard



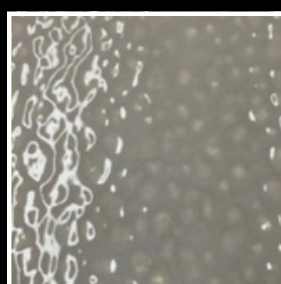
Chromatic Rainbow



Glazed Fracture



Glazed Mottled



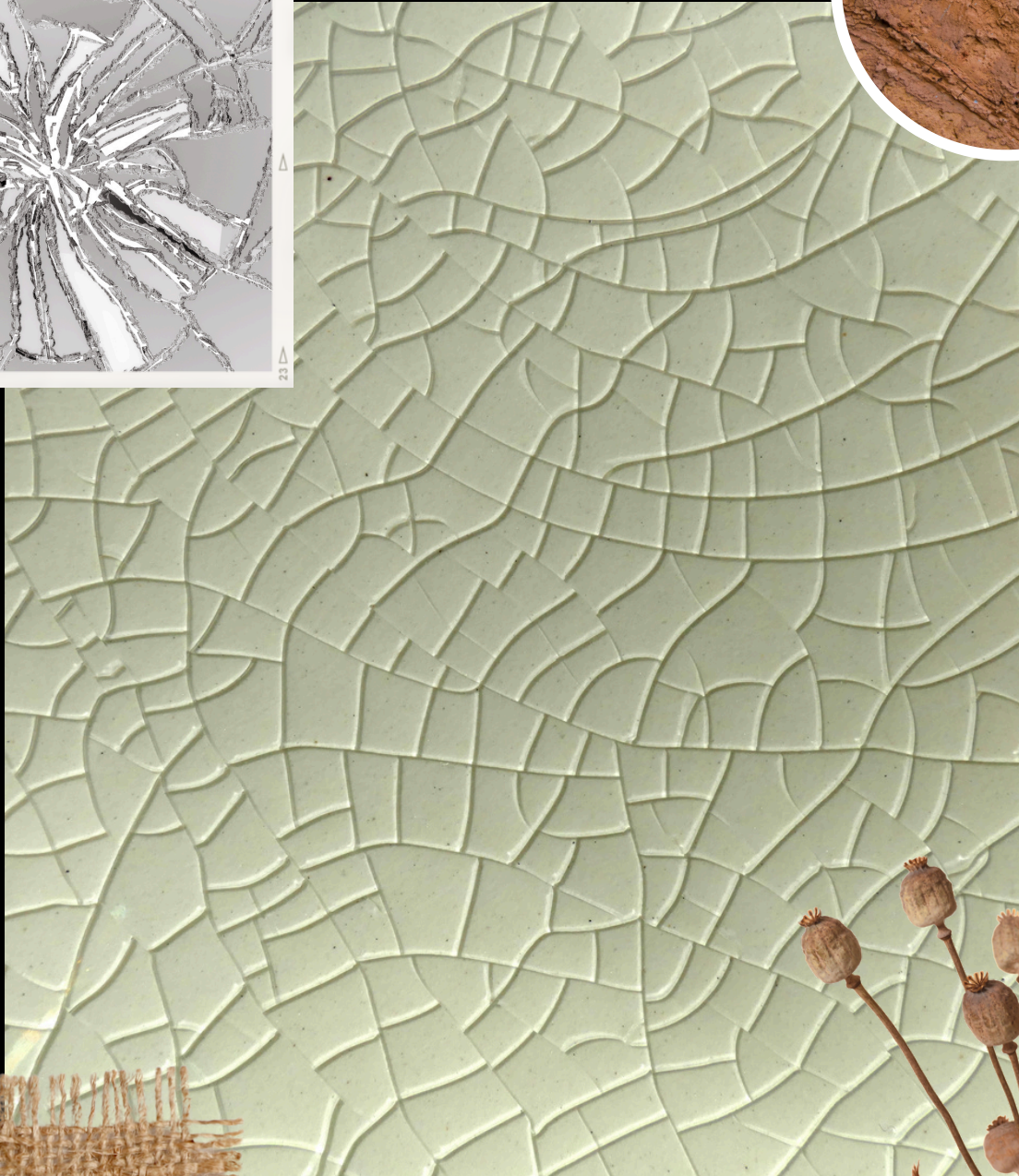
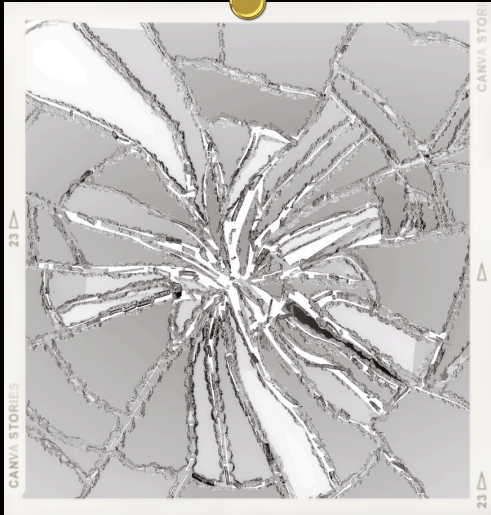
Glazed Textured



Coarse Terrazzo

MOODBOARD

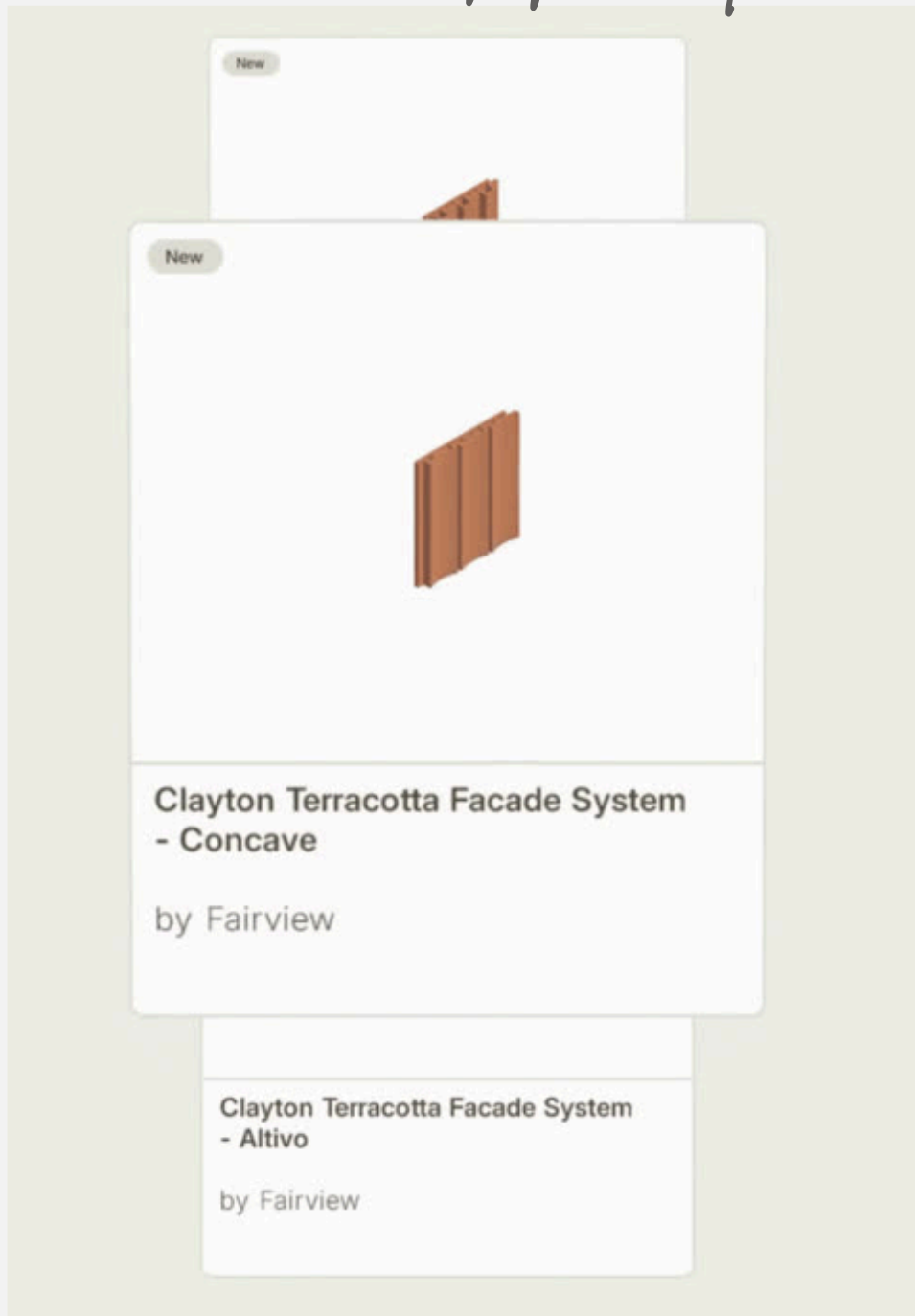
Inspiration



Glazed Broken Glass



Download our *BIM files*



view files >>

Colour that never fades

A unique feature of terracotta façades is that the colour never fades.

This is thanks to the firing process which vitrifies the tile and locks the colour into the tile, meaning the tile won't change colour over its lifetime.



THE REASON WHY TERRACOTTA IS BEING SPECIFIED IN COMMERCIAL FAÇADE DESIGN

Architectural design is ever-changing, with every new building façade design representing the spirit of its age. As we enter a new era in architectural trends, new styles have emerged focusing on sustainability, a return to nature and biophilic design, and unique, out-of-the-box designs that mark buildings as lasting monuments.

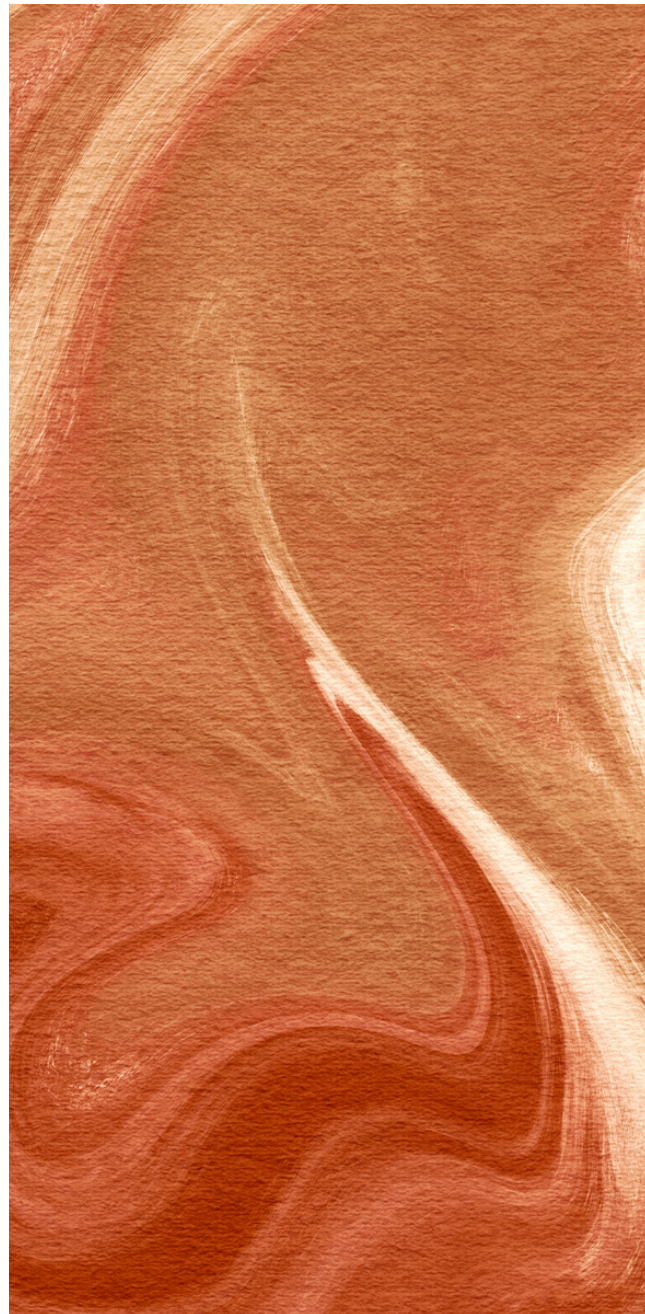
Architects can find biophilic inspiration from the multitude of natural materials and finishes that, rather than refine away the surface irregularities, highlight the organic elements to further enhance the urban experience.

Heralding a return to classic styles but with a modern twist, terracotta tiles bring natural colours and textures to façades, as well as sustainability and longevity, in keeping with today's sustainable design principles.

Fairview's range of terracotta tiles, Clayton, allows for a wide range of artistic styles, with a range of earthy tones to meet design specifications and create an on-trend, yet distinctly unique façade.

Biophilic building design, with its emphasis on rekindling our connection with nature, is transforming the architecture landscape. The incorporation of biophilic façades, sustainable cladding materials, and the ethos of wellbeing, create spaces that inspire and nurture. As we journey into a future that places greater emphasis on sustainable living, the principles of biophilic architecture remain steadfast.

To embark on your own journey towards biophilic design and sustainable cladding, consider reaching out to a cladding specialist at Fairview. Let's work together to create spaces that stand as architectural marvels while also being in synchronicity with the world around us.





Natural Terracotta Cladding

Clay extracted from the Earth and to the Earth it returns

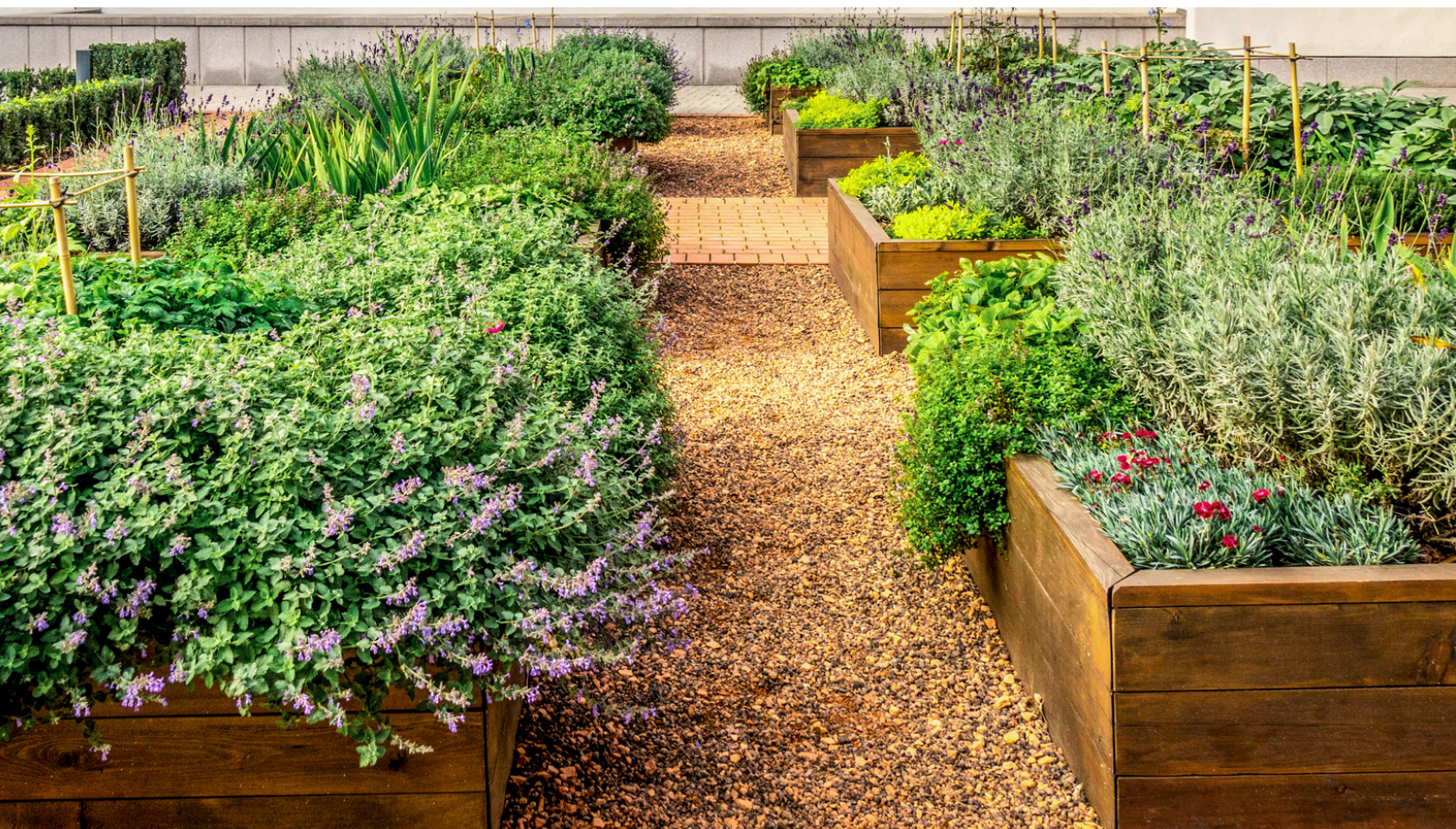


Terracotta's **CIRCULAR LIFE**

Terracotta façades are designed and manufactured with a design life exceeding 50 years. Because of this, terracotta cladding can ensure a long and reliable protection to your building, while also maintaining the natural beauty of textured natural products.

At the end of its life on a building, terracotta can be crushed to stones that are normally used as a road base or in landscaping, extending the usable life of terracotta for many more years.

Crushed terracotta offers a great alternative for landscaping. Offering an ecofriendly yet durable material that can withstand the elements.



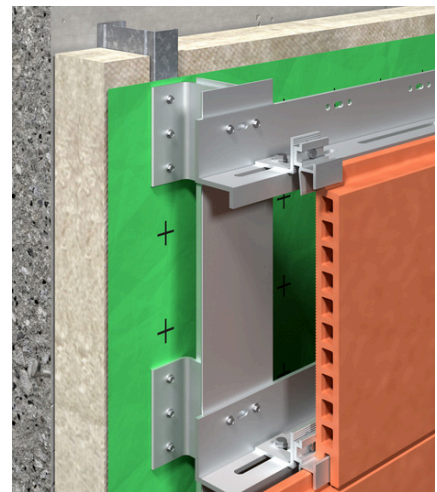


CLAYTON'S *fixing* SYSTEM

Clayton offers three installation methods, including:

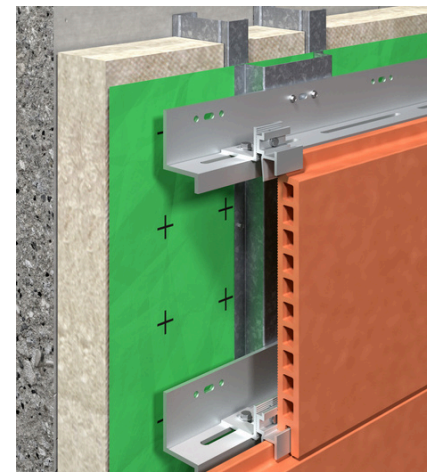
WALL BRACKET & T-PROFILE

The substructure consists of vertical T-profiles, anchored to the building with wall brackets. Clayton tiles are fixed by aluminium clips to the vertical profiles. This fixing method provides the maximum cavity depth allowing for insulation to be placed within the façade cavity.



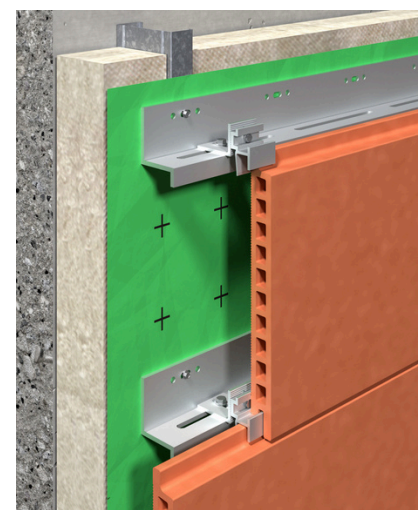
TOP HAT

The substructure consists of vertically mounted top hats installed at predetermined distances, depending on the loading requirements for the building. The vertical top hats permit the tile carrier to be fixed to the substructure allowing the terracotta tiles to be fixed onto the façade.



STUD WALL

The substructure consists of the tile carrier rail mounted directly onto the stud framing. This fixing method allows for the shallowest depth cavity, while the minimum use of sub-framing components speeds up the installation process and reduces the installation costs.



“

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.

”

THE BEST COMMITMENT

HOW TO SPECIFY CLAYTON TERRACOTTA CLADDING

What is Terracotta Cladding?

Formed from the earth's renewable resources and recreating popular natural aesthetics, façade products such as terracotta cladding allow occupants to experience the raw beauty of the earth's elements, while also complying with sustainability requirements for new builds.

Terracotta cladding systems also deliver on durability and long-term sustainability, acting as rainscreens for energy efficiency and protecting against impact and weather damage.

Manufactured from clay, sculptured into shape then fired at high temperatures, terracotta tiles come in a range of colours and textures that combine to offer warmth and tactile sensation not achievable with other building products.

We are proud to introduce a product that enhances the visual appeal of our built environment and positively contributes to sustainable construction practices.

MEENA SOMI - HEAD OF MARKETING

Why Clayton?

Clayton™ Terracotta Façade System combines the charm of terracotta with modern production techniques to offer a range of high performing façade products that meet design and building requirements. Clayton can be used across all class A, B & C developments.

- Deemed non-combustible under C2D10(5)(G) NCC22.
- 100% natural; 100% recyclable - Clayton can be fully recycled while at the same time being extremely durable and resistant to impact, scratches and dents.
- Higher mass = higher thermal mass for excellent thermal and cooling efficiencies.
- Concealed fixing system and minimal maintenance.
- Available in a comprehensive range of standard and specialised finishes, shapes, profiles and formats.
- Colour is vitrified into the clay during the firing process, thus the colour never fades.

Specifying Clayton - What Look to Choose

Clayton's range of profiles and surface textures allows architects and designers to achieve an impactful visual effect.

From sharp straight lines to gradual yet repeating change of form and shape to raised parallel lines that add a tactile experience, the Standard profile range allows for a contemporary design in a sleek, minimalist and streamlined look that integrates seamlessly with modern architectural design.

The Specialist range offers shadow lines that provide a creative play with light and depth, adding shape and three-dimensional form to a building's façade. The three-dimensional form with rounded corners creates a feeling of smoothness and softness, while the sharp lines and edges depict strength and presence.

Used as an architectural design element, the Baguette range adds colour, depth and form to any building, while also being used as a sun shade or screen. Available in various shapes and colours, baguettes will add a distinctive modern appearance while reducing the amount of radiant heat reaching the building.

Selecting The Finish

With 21 standard colours and 9 specialised finishes available, you can choose a finish that suits your design brief, from a natural, earthy appearance, to a modern and sophisticated look.

Mix different profiles and finishes together to create a truly unique design, with colour that won't fade for the life of the building.

SPECIFY CLAYTON FOR YOUR NEXT PROJECT

CLICK HERE



WITH EXCLUSIVE PROFILES AND FINISHES, CLAYTON PROVIDES UNMATCHED DESIGN FLEXIBILITY, DELIVERING FAÇADES THAT ARE UNIQUE, DURABLE, ENERGY EFFICIENT AND ENVIRONMENTALLY FRIENDLY.



CREATE ENDURING FAÇADES WITH CLAYTON TERRACOTTA CLADDING.

Fairview has been a trusted supplier 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 the Clayton terracotta façade system.

Delivering distinctive and elegant façades that won't fade over the building's lifetime, Clayton is the perfect choice for designers and builders.

REQUEST A SAMPLE

CLICK HERE





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