

STELLARIA. ■

Discover a new way of living...

OUR COMPANY // PROFILE

STELLARIA.

THE STELLARIA STORY...

It all started with a vision: the idea of a building with near-zero heating, cooling or ventilation required. People-focused with good air quality and comfortable indoor temperatures all year round. Now that vision has become a reality; the building is a promise.

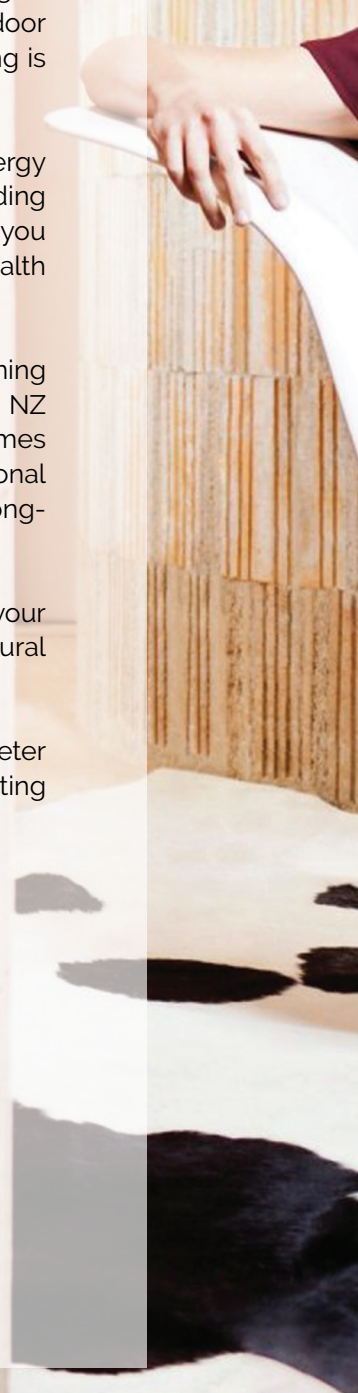
A Porotherm Clay Block building promises excellent return on value, energy efficiency and life cycle costs. The promise is delivered exclusively by building physics; solid walls and ceilings that serve as insulation & thermal mass, giving you much more for your money. Constant feel-good temperatures mean good health and truly living well. There's just no comparison.

Chris & Robyn MacPherson of MacPherson Architecture Ltd have been designing high-end homes for over 25 years. Frustrated by the overall poor quality of NZ building materials, poor performance and the minimal Level 3 most NZ homes are built to, with only a 10-year warranty on the biggest financial and emotional investment of a lifetime, they believe Porotherm clay block homes offer a long-awaited solution to a very long standing housing crisis.

Feeling is believing. When you walk in and close the door, you are in a world of your own. The difference is like night & day. It's quiet, peaceful and fresh, 100% natural with interior lime plasters. There's just nothing like it.

Seeing is believing. When you have a zero-degree frost outside and the thermometer shows you the temperature has not moved below 18 degrees inside with no heating from the night before. The promise has been kept...

The vision has become the reality.





Wienerberger

THE STELLARIA-WIENERBERGER STORY...

It all started with a passion. When Chris & Robyn first discovered Porotherm and saw instantly the simple but extraordinary power of one single extruded clay block - they knew they had found a far superior way to build.

So they formed a partnership with Wienerberger in Europe and Stellaria NZ was born in 2014. Visiting Europe and living within these walls is an extraordinary experience. As most of Europe builds using this construction system, it's the norm. There is no one way to truly describe how the walls make you feel: safe, peaceful, cocooned and wrapped up are just some of the ways to tell you.

Really, you have to get inside and feel the walls. You have to experience how the building makes you feel - then you just know...

So it began with the **Porotherm Passion** which has now become the **Porotherm Promise** but as Chris & Robyn soon discovered, Wienerberger has so much more...

THE STELLARIA-WIENERBERGER PROMISE

Stellaria and Wienerberger share values of sustainability and durability within the building industry.

Wienerberger is over 200 years old and the largest producer of clay construction materials in the world. With a selection of over 700 of the world's most beautiful TERCA Brick to choose from, KORAMIC roof tiles, PENTER pavers, ARGETON facing tiles, CORIUM brick slips and CLICKBRICK – the options to make your home or project the most unique & stand-out is limitless.

The choice of façade walling systems is stunning. The range is extensive & innovative. Now, you can have a brick on your house that no-one else has or has thought of – at least for now!

Fired in some of the oldest kilns in the world, dotted all around Europe using some of the most traditional and time-tested production techniques, it's no wonder Stellaria bricks are getting so much attention in NZ.

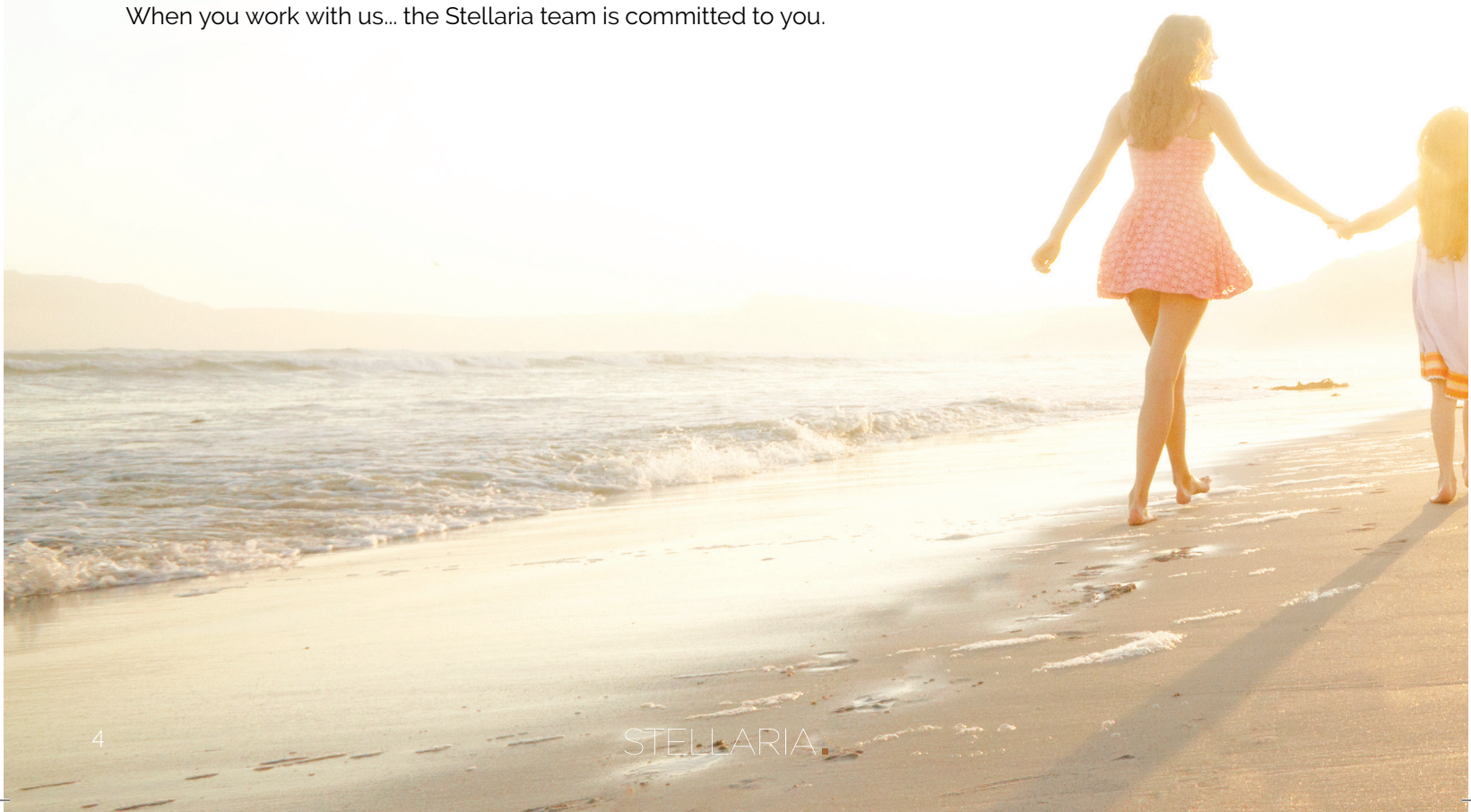
The tradition & timelessness of this most ancient & valuable craft of brick-making is in our bones. We all know it and see it. It's an unmistakable beauty many of us struggle to describe because it just is. We fall in love with the art, the craft and the integrity of such an honest product – clay.

Wienerberger's reputation on the world stage of construction materials - supplied in over 30 countries around the globe is unmatched. With over 200 plants for all their products we know this is a brand to be trusted. The brand is the promise.

The team at Stellaria are infinitely proud to be partnered with such a company as this. In turn, the Stellaria brand is our promise to you...

In working with us, we are dedicated to your project being the best it can be. We help you realise your passion and vision for your design and your dream.

When you work with us... the Stellaria team is committed to you.



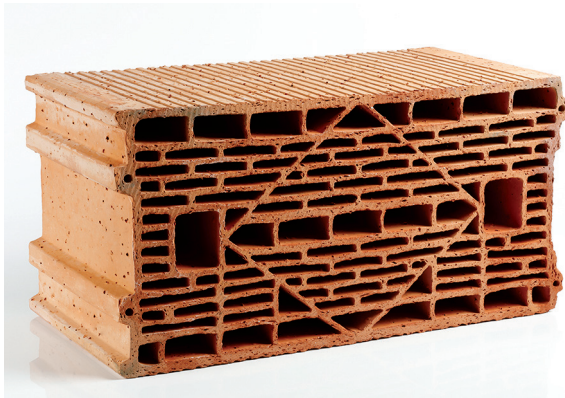
OUR VISION

We love to see our products arriving on our shores and being delivered to you...the testimonials we receive are humbling and exciting. With projects all across NZ using our entire product range, we grow in passion & excitement everyday!

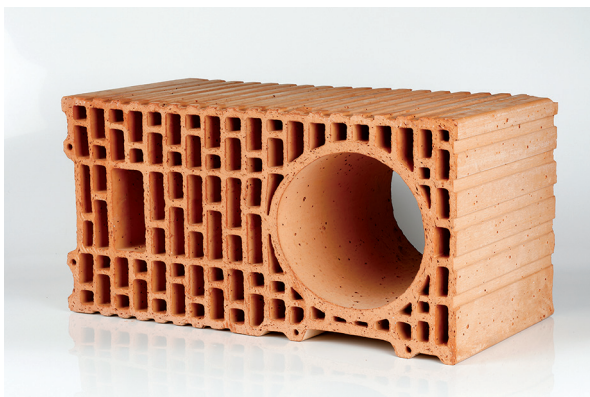
Our vision is to build NZ's 'forever' inter-generational homes. Either using the Porotherm clay block construction system with unparalleled performance & durability levels or to see our cladding systems on your walls, roof tiles on your roof, pavers in your landscape and you love the end result as much as we do.

Now we know we have ticked every box for you because the journey from the inception of your concept or design with your architect, to arriving home everyday to a place you love with a passion - is all we need to know! We have fulfilled our vision for you, our client...





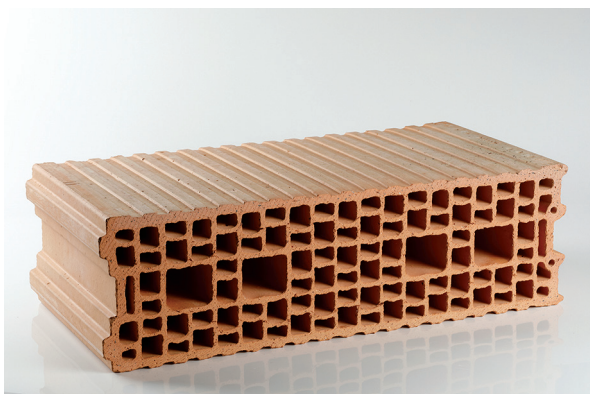
POROTHERM R25 Th+



POROTHERM R25 Portal



POROTHERM R25 Lintel



POROTHERM R15

POROTHERM CLAY BLOCK | ONE WALL DOES IT ALL.

POROTHERM is a honeycomb-matrix Clay Block Construction system (not veneer brick) designed to act as the substrate, insulation and cladding 'all in one'. Finished with interior and exterior breathable plasters and mineral paints or a veneer cladding of your choice.

Clay block construction is over 150 years old in Europe and is a direct result of Wienerberger's leading edge research and innovation – the world's no. 1 manufacturer of clay construction products.

This construction system now forms up to 95% of building in Europe.

POROTHERM is a complete walling system to create the ultimate living experience for the homeowner. With a proven track record, we know Porotherm will give you an unrivalled quality of living in your home – solid, fresh, warm, dry and quiet. Safe – with peace of mind from fire and earthquakes.

Precision-engineered clay block works to provide superior passive heating, cooling, acoustic, ventilation and moisture management properties, keeping your home dry and temperate

(cool in summer and warm in winter) all year round. With a warranty of +150 years, more than three times the lifespan of a low cost/high energy timber home, it doesn't get any better!

Breathable plasters mean POROTHERM brings you a 100% natural, fresh, clean and healthy indoor air quality – comparably priced to a mid-high range timber home. It will reduce your heating/cooling and maintenance costs while increasing your investment in both your home and your health.

Europeans have always understood the long term benefits of building this way to live exceptionally well.

We're very proud to introduce Wienerberger's POROTHERM construction system to New Zealand – now you can discover true living...



"Jon and I have really enjoyed working with Robyn and Chris MacPherson on our boatshed. Firstly, the design of the building itself is beautiful. The style is classic and the proportions are lovely to look at. Having travelled Europe recently we both wanted to build with a product that would last 200 years or more, as they do in Europe. The Porotherm block certainly fits this space. The appeal wasn't just in the longevity of the building, it was also the high R value of the block, and the fact that it breathes."

Jo & John Leigh, Homeowner, Karapiro Boat House, Cambridge



Porotherm In Brief

- > **MULTI-PURPOSE USE**
Porotherm clay block is ideal for all building systems, building designs - single & multi level
- > **ECOLOGICAL**
Porotherm is made from natural and raw materials, 100% organic
- > **THERMAL EFFICIENCY**
Designed as a thermometric regulator, Porotherm keeps an even 18-22C indoor temperature all year round
- > **EARTHQUAKE PROOF**
Design-engineered to meet the world's highest seismicity requirements
- > **BREATHABILITY**
Breathable walls for passive ventilation
- > **FIRE RESISTANCE**
Porotherm is non-combustible and achieves an A1 fire-resistance rating
- > **SOUND PROOF**
Thick walls provide a peaceful, quiet living environment
- > **SIMPLE AND EASY TO INSTALL**
Block laying time can be 4x faster than traditional masonry
- > **LOW MAINTENANCE**
Little to no maintenance required for years to come
- > **MOISTURE MANAGEMENT**
No condensation, humidity, mould or dampness - completely dry
- > **COST EFFECTIVE BUILD PRICE**
Finished wall price per m2 competes with high-end timber-frame construction

*European Declaration of Performance: the product meets high safety, health and environmental protection requirements.

** T&C apply.

TERCA CLAY BRICK | A WORLD OF POSSIBILITIES



Wienerberger is the largest producer of clay bricks globally, some of which are still produced using traditional soft-mud, hand-thrown techniques in clay moulds fired in 200-year-old kilns. No other brick supplier in New Zealand can offer such a sensational selection of colours, special shapes, brick slips and premium surface textures as Terca Clay Facing Brick. There are hundreds to choose from.

Clay façade brick gives architects, designers, builders and homeowners the opportunity to show just how stunning brick can be. Beautiful brick is not limited by design but can easily meet any architectural scope. Standing out from most cladding systems, clay brick is living, organic,

vibrant, versatile and timeless. Wienerberger and façade brick are synonymous with innovation, unlimited selection and quality, allowing projects to truly stand out.





"When choosing our brick, we were at a loss as where to go as the selection for bricks that look recycled is not great. Then we found Stellaria. They have an incredible range of styles, shapes and sizes that suited the industrial design we were trying to achieve. Combine their selection, knowledge with excellent service to get European design at its very best. I highly recommend Robyn and Team at Stellaria."

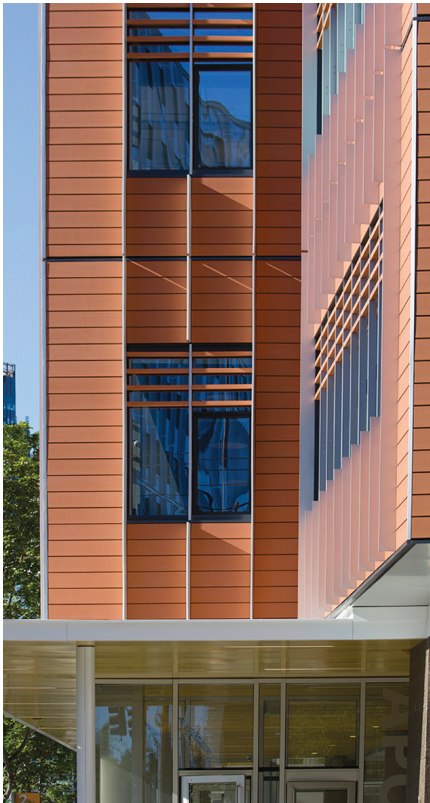
Justin Bell, Builder & Homeowner, Cambridge Terca Belluno Brick Project.

Terca In Brief

- > **VERSATILE**
Wide range of shapes, colours, textures and sizes
- > **DECLARATION OF PERFORMANCE**
All Terca clay bricks have an internationally recognised CE label*
- > **RECYCLABLE**
All Terca clay bricks are made of raw and recycled materials, 100% organic
- > **FIRE RESISTANCE**
All Terca clay bricks are non-combustible, and achieve A1 - excellent fire resistance rating
- > **SOUND PROOF**
Compared to other cladding materials, clay bricks have a higher sound resistance
- > **THERMAL INSULATION**
Clay bricks help maintain a comfortable indoor temperature
- > **LOW COST**
Clay bricks generally cost around 2-3% of the total cost of the entire project budget
- > **LOW MAINTENANCE**
Terca clay bricks have a design life of at least 150 years

*European Declaration of Performance: the product meets high safety, health and environmental protection requirements.

** T&C apply.



ARGETON CLADDING

Argeton is a stand-out facade system with a proven track record for over 40 years.

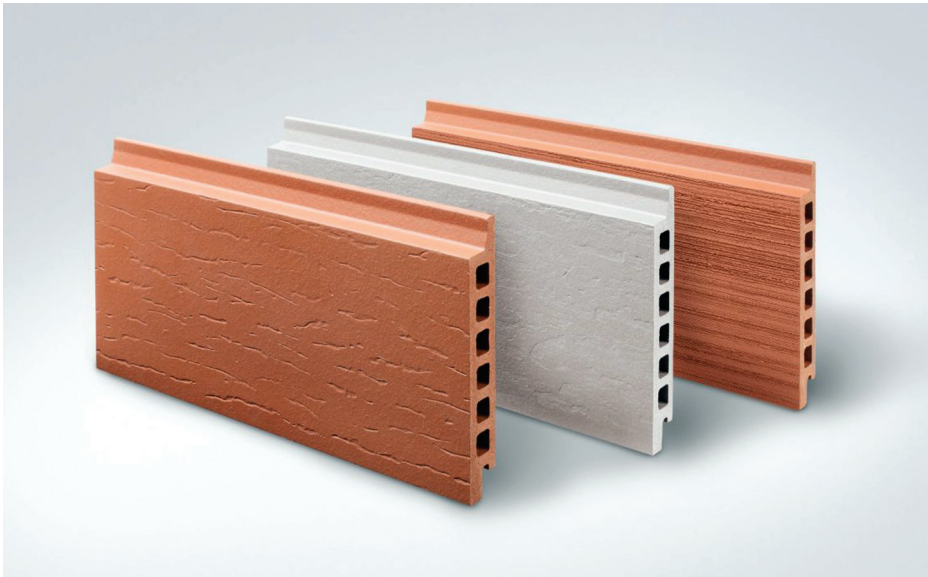
Argeton is manufactured by Wienerberger in Gorlitz, Germany and it was developed as a 'rain screen' fully-ventilated ceramic facade cladding manufactured at the beginning of the 1980's. The aim was to create a timeless modern facade with the unmistakable character of natural clay.

Reputably, represented by numerous, commercial projects around the world, the name Argeton has come to represent quality, aesthetic and a future-oriented product development system, particularly suited for

high-density apartments and commercial buildings.

The high compressive strength and Class A fire rating of the Argeton facade tile and aluminium fixing clip-on system makes installation fast and easy. The low maintenance of Argeton facade makes this ceramic tile ideal for use on public buildings such as schools, government and commercial buildings – multi or single level use to include new and restoration projects.



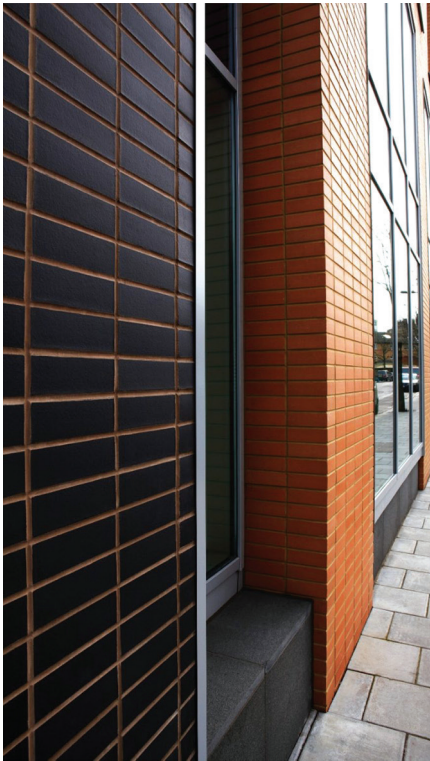


Argeton In Brief

- > **VERSATILE**
Wide range of colours, dimensions, shapes and finishes that can be used indoors and outdoors
- > **ECOLOGICAL**
All Argeton products are made of natural and raw materials, 100% organic
- > **RECYCLABLE**
All Argeton products are fully recyclable, making them environmentally friendly
- > **DIMENSIONALLY ACCURATE**
Easy design and less waste that can be custom made
- > **THERMAL EFFICIENCY**
Argeton creates a ventilated cavity, increasing thermal efficiency and humidity control
- > **FIRE RESISTANCE**
All Argeton products are non-combustible and achieve an A1 fire-resistance rating
- > **SOUND PROOF**
Argeton gives an additional acoustic insulation to the building envelope
- > **IMPACT TESTED**
Argeton passed on the European test for high impact safety
- > **LOW MAINTENANCE**
Argeton products require very little or no maintenance
- > **QUALITY**
All Argeton products have an internationally recognised CE label*
- > **WARRANTY**
Argeton offers a 10-year warranty** design life 30+ years

*European Declaration of Performance: the product meets high safety, health and environmental protection requirements.

** T&C apply.



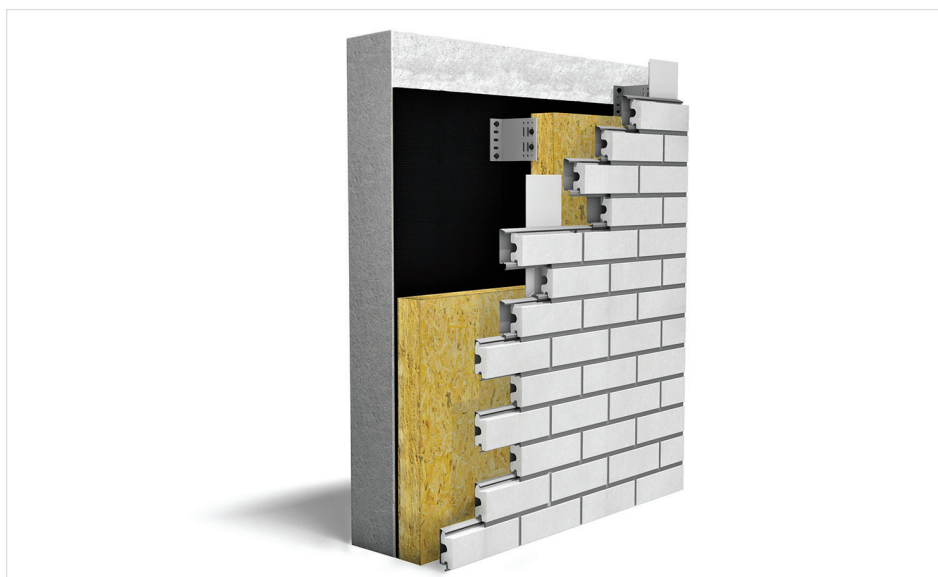
CORIUM CLADDING SYSTEM

Wienerberger have over 20 years' experience with the Corium cladding system. Widely used in the UK and internationally and fully industry tested and approved, you can be assured of a strong, quality finish to your building project that will last many years.

A cutting edge brick facade cladding system that combines the natural beauty of real brick with cost effective, fast track installation. With the large and exciting range of colours and textures available, the design possibilities are endless. Corium satisfies any aesthetic requirement creating high-tech modern facades on new, prestigious buildings as well as blending with existing brickwork on renovation projects.

Corium can be used with a wide range of substructures, including concrete, timber frame, structural steel, lightweight steel frames, masonry and structurally insulated panels. Corium brick cladding allows for the architects design scope; using bond patterns, brick orientation, vertical and horizontal installation for the creation of more complicated façade design features such as curved surfaces and soffits.





Corium In Brief

> **BEAUTY OF NATURAL BRICK**

Offers a genuine brick finish for projects where a lightweight cladding system is required rather than traditional brickwork.

> **UNIQUE AND INNOVATIVE SYSTEM**

Clay brick tiles, clipped into interlocking steel backing sections mounted horizontally or vertically.

> **FIRE RESISTANT**

Corium products achieve an A1 fire resistance rating for non-combustible cladding.

> **STRONG AND DURABLE**

Corium is wind, water and impact resistant. Anticipated design life of 60 years

> **FROST RESISTANT**

Specially engineered, frost-resistant brick tiles won't be affected by mortar efflorescence.

> **INDUSTRY TESTED**

Corium has been used in Europe & Australia for over 20 years.

> **SUSTAINABLE CONSTRUCTION**

Corium tiles are produced as a finished product, using on average 75% less material than traditional brick

*European Declaration of Performance: the product meets high safety, health and environmental protection requirements.

** T&C apply.



CLICKBRICK PURE

ClickBrick is a dry-stacking system that provides not only a beautifully traditional looking vivid façade but incredibly quick installation and a very popular mortarless look.

ClickBrick bricks are hand moulded bricks produced in various colours. Due to the speed of installation, no mortaring or pointing is required. This system creates a huge advantage in modern bricklaying techniques and allows for a different skill base where traditional bricklaying experience is not required.

The cost of mortar and potential waste on site is minimised with the ClickBrick system.

It is a 100% circular façade system where it can be easily dismantled for rebuild in other locations.

The innovation of ClickBrick as a mortarless, authentic soft-mud façade is a game changer. Maintenance-free real clay brick is a timeless, classic façade Kiwis understand





ClickBrick In Brief

> **BEAUTY OF NATURAL BRICK**

Offers a genuine brick finish for projects where a lightweight cladding system is required rather than traditional brickwork

> **UNIQUE AND INNOVATIVE SYSTEM**

ClickBrick Pure is a dry-laying system, no mortar required. No special knowledge, tools or treatments required

> **COST & TIME EFFECTIVE**

Due to dry building process, facade construction is quick and easy. Installation unaffected by weather - ideal conditions all year round

> **INDUSTRY TESTED**

ClickBrick has been around for a long time in other countries and has sufficiently proven its technical stability and reliability

> **SUSTAINABLE**

ClickBrick can be dismantled to rebuild using the same sustainable material in a different place

> **DESIGN FLEXIBILITY**

ClickBrick Pure range is available in 7 different colours. The horizontal false joint that is present creates the image of traditional facade masonry

*European Declaration of Performance: the product meets high safety, health and environmental protection requirements.

** T&C apply.

KORAMIC ROOF TILES | MORE THAN JUST ROOF TILES

Wienerberger Koramic is the leading manufacturer of clay roof tiles in Europe.

With over 120 years of amassed expertise and extensive production experience, Koramic can be your first and only stop for clay roof tiles. Wienerberger produces approximately 500 million tiles annually in 18 advanced, cutting-edge factories in 13 different sites

in 6 European countries.

Koramic can be used as both roof and wall cladding, highly durable & frost resistant, clay roof tiles are quiet, elegant and timeless, with a warranty of 30 + years.





Koramic Roof Tiles are the perfect example of the modern concept of sustainable building products. They are organic, durable & maintain their value for many lifetimes

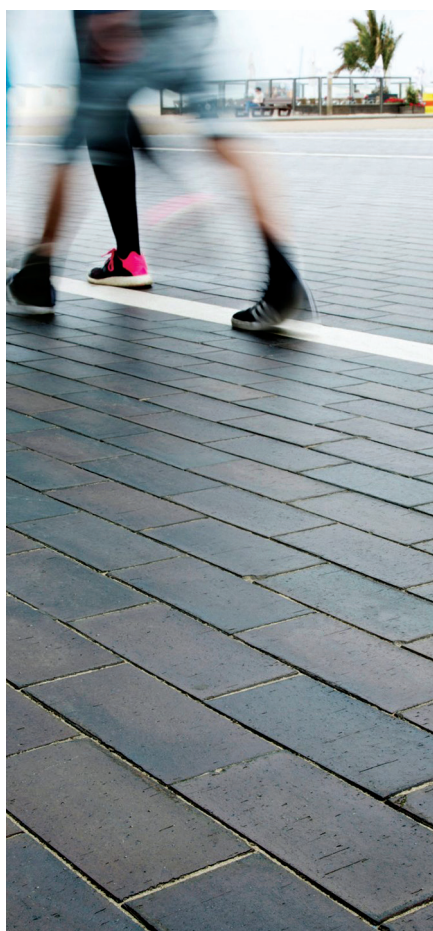


Koramic In Brief

- > **VERSATILE**
Wide range of shapes, colours, textures and sizes
- > **MULTI-PURPOSE**
Koramic roof tiles can be used in different designs for roofs AND walls
- > **ECOLOGICAL**
All roof tiles are made of organic raw material, 100% natural
- > **DIMENSIONALLY STABLE**
Fired clay roof tiles have exceedingly low levels of expansion and contraction
- > **COLOUR SAFE**
Koramic roof tiles do not lose their colour
- > **THERMAL INSULATION**
Koramic systems create a ventilated cavity, increasing thermal efficiency
- > **FROST RESISTANT**
Koramic roof tiles can be exposed to very low temperatures without damage
- > **SIMPLE & EASY TO INSTALL**
Laying Koramic roof tiles is quick and easy
- > **LOW MAINTENANCE**
Koramic roof tiles require very little or no maintenance
- > **QUALITY**
All Koramic products have an internationally recognised CE label*
- > **WARRANTY**
Koramic has a 30-year warranty on frost resistance.
- > **ACOUSTIC**
Quiet & solid, Koramic adds a peaceful dimension.

*European Declaration of Performance: the product meets high safety, health and environmental protection requirements.

** T&C apply.



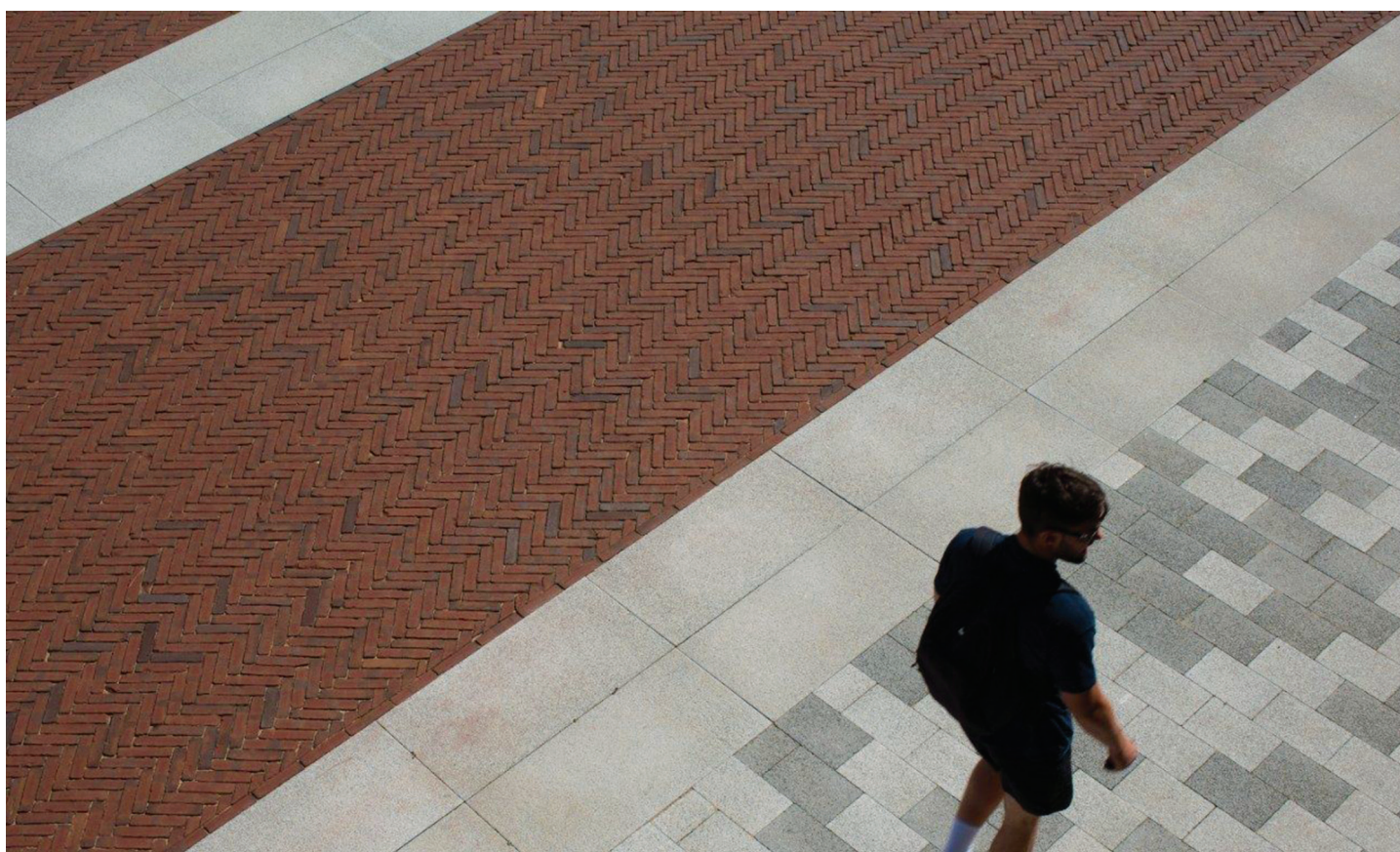
PENTER CLAY PAVERS

With an endless selection of size, texture and colour – from Mediterranean yellow tones to classical brick red and eye-catching anthracite black now available in NZ – Wienerberger Penter Clay Pavers set extraordinary visual accents to create a unique and enduring look.

Feel nature with every step you take. Driveways, garden paths, patios and open public areas develop a special charm through the use of Penter Clay Pavers. They fit perfectly into every landscape – specified by architects and designers all around the world,

Clay Pavers blend naturally with other building materials. The unique character of the natural fired Penter Clay Paver lends an unforgettable aesthetic to any landscape concept - from private gardens to urban pedestrian and roading developments.

Clay pavers acquire a beautiful patina over time which makes them even more attractive.





Penter in Brief

- > **VERSATILE**
Wide range of shapes, colours, textures and sizes
- > **ECOLOGICAL**
All Penter Clay Pavers are made of natural and raw materials, 100% organic
- > **RECYCLABLE**
All Penter products are fully recyclable, making them environmentally friendly
- > **NON-SLIP AND SAFE TEXTURED**
Penter Pavers have a texture surface which complies with all New Zealand traction requirements
- > **COLOUR-FAST**
As a solid clay kiln-fired product, colours never fade
- > **RAINWATER DRAINAGE**
The Penter joint system absorbs almost 40% of rainwater
- > **FROST-PROOF**
Penter Clay Pavers are extremely resistant to frost, dirt and pollution
- > **SIMPLE AND EASY TO INSTALL**
Laying clay pavers is simple and easy
- > **LOW MAINTENANCE**
Penter Clay Pavers require very little or no maintenance

*European Declaration of Performance: the product meets high safety, health and environmental protection requirements.

** T&C apply.

STELLARIA.

Discover a new way of living...

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