

CORPORATE BROCHURE





From left to right, clockwise:

PROJECT: Chideock Church, Dorset

PRODUCT:

PROJECT: **Smithfield Business** District, Stoke-on-Trent

PRODUCT: Sandtoft Interlocking
Spearhead roof tiles and
Buff Hip tile
Dutch Clay pavers in
Ravenna, Mastiek,
Siena and Barrier blends

PROJECT: Church Road, **Belfast**

bricks

PRODUCT: Mellowed Red Sovereign Stock PROJECT:

Rockbourne Mews, London

PRODUCT:
Marziale bricks



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INTRODUCTION

Founded in 19th Century Vienna, Wienerberger is a leading provider of wall, roof and landscaping innovations. Today, we have over 200 production sites in 30 countries. In the UK, Wienerberger has four showrooms, 14 production sites and six distribution depots, with our head office in Cheadle, Cheshire.

With in excess of 1000 products across wall, roof and landscaping categories, we offer building solutions across the whole envelope. From the latest in construction innovation to traditional handmade and heritage techniques, we're able to provide our customers with a whole suite of added value systems and services.

As a company, we believe that everything we do should make a lasting contribution towards creating a better quality of life.



HISTORY OVERVIEW

1819 Founded by Alois Miesbach in Vienna



1989 Founding of the Pipelife joint venture (plastic pipes) and expansion of clay pipe activities

1996

Acquisition of Terca, the leading facing brick producer in Benelux; majority investment in Semmelrock (concrete pavers) in Austria

1999

Advance to global player with the acquisition of General Shale in the USA

2003

Expansion of roofing systems through 50% acquisition of Koramic

2005 Enter the UK roof tiles market

2009

Implementation of restructuring programme and appointment of CEO Heimo

2012

takeover of Pipelife



Best year in company history with group revenues of €2.97 bn

2007

2004

in the UK

Acquisition of thebrickbusiness

> Acquisition of Arriscraft in Canada and Baggeridge Brick in the UK

Scheuch

Full

1986 Start of internationalisation

1869 Start of public trading on the Vienna Stock Exchange

1997

Focus on building materials industry as core business

1990

Start of expansion in Central Eastern Europe



2000

Transformation into a pure building materials producer

2001

Enters UK market

trading as Terca

UK through the

Northern Europe

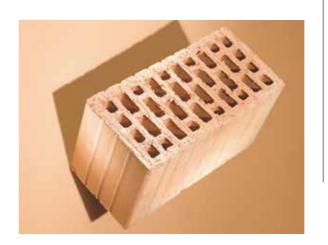
aquisition of

Opitroc brick

division in

2008

Investment in manufacturing with the acquisition of majority stake in Sandtoft UK: launch of Porotherm clay block walling system in the UK



2011

Return to profitability and transformation into a supplier of system solutions

2010 100% aguisition of Semmelrock

2014

Aguisition of Tondach Gleinstätten. Acquisition of Keymer (in the UK), offering premium quality handmade roof tiles and fittings since 1588







MATERIAL SOLUTIONS FOR A BETTER QUALITY OF LIFE.

Our Vision

Our vision is to become the most recognised and respected provider of building material solutions in the UK market. We want to be understood by our customers and employees as focused on creating products, services and solutions that deliver, above all else, a better quality of life.

Our Mission

Our mission is to demonstrate the performance of our products, services and solutions by offering clear value to our customers at every stage of the supply chain, including merchants, contractors, developers, architects, specifiers, self-builders and consumers. We work diligently and creatively to make a lasting and sustainable contribution to the quality of the UK's built environment.

OUR PILLARS

We work according to four pillars:





Value

When we say value, we don't mean cost. Throughout the supply chain we demand that our products and services exceed rather than just meet expectations. That way we ensure we offer true value to our stakeholders.

Quality & Expertise

Our global manufacturing heritage spans two centuries and we channel all of that expertise in the UK. Whether it's an innovative clay block walling system or a traditional handmade roof tile, we apply exacting quality standards to our work.





We're dedicated to finding new ways to be better. That means embracing new technologies, exploring new techniques and investing in new ideas to help our products and services deliver a better quality of life.



Sustainability

Sustainability is not just a commitment towards minimising our impact on the environment; it's a commitment to be better across the board. We take great care with the resources we use and embed our products with industry-leading innovations.



VALUE

SOLUTIONS FOR THE WHOLE BUILDING ENVELOPE

We offer over 1000 products across three core categories of wall, roof and landscaping. These products are primarily clay-based, but we also manufacture with a range of other materials, including concrete and slate.

We understand that the UK construction industry is constantly evolving. We place just as much emphasis on the ways in which we add value for our customers and we do this through our services, solutions, tools and partnerships.





OUR PRODUCTS

We manufacture the broadest building product portfolio in the industry, spanning both modern manufacturing and traditional handmade techniques.

Our portfolio is split into three core categories.



Wall

- Widest range of facing bricks available in the UK with a diverse selection of brick types, colours, textures and sizes
- Market leader in brick slips
- Comprehensive range of British Standard and bespoke purpose-made special shaped bricks
- Façade systems such as brick slips and Corium and our clay block walling system, Porotherm



Roof

- Largest range of roof tiles in the UK manufactured from clay, slate and concrete
- Extensive range of accessories
- The Sandtoft Heritage Service, our specialist conservation and restoration service, creates bespoke handmade roof tiles and fittings
- Keymer brand of premium quality handmade roof tiles and fittings since 1588
- Solar panel system offering



Landscaping

- Largest clay paving portfolio in the UK
- Available in a variety of colours, textures and sizes
- Includes Baggeridge blue pavers, famous for their true blue colour
- Partnerships with market leaders in drainage solutions



Partnerships

In order to ensure we provide value to our customers we work with partners across our industry and beyond.

Our collaborative approach allows us to benefit fully from the latest innovations, support our customers, and to strengthen our efforts towards a more sustainable construction industry.

That's why we're members of a number of progressive industry groups and why we work with specialist companies to help deliver some of our services.

Training

We offer a diverse range of training across all categories, delivering high quality courses spanning RIBA accredited CPDs to hands-on brick, roof and Porotherm training.

For more information and to explore the training we offer please visit wienerberger.co.uk/training

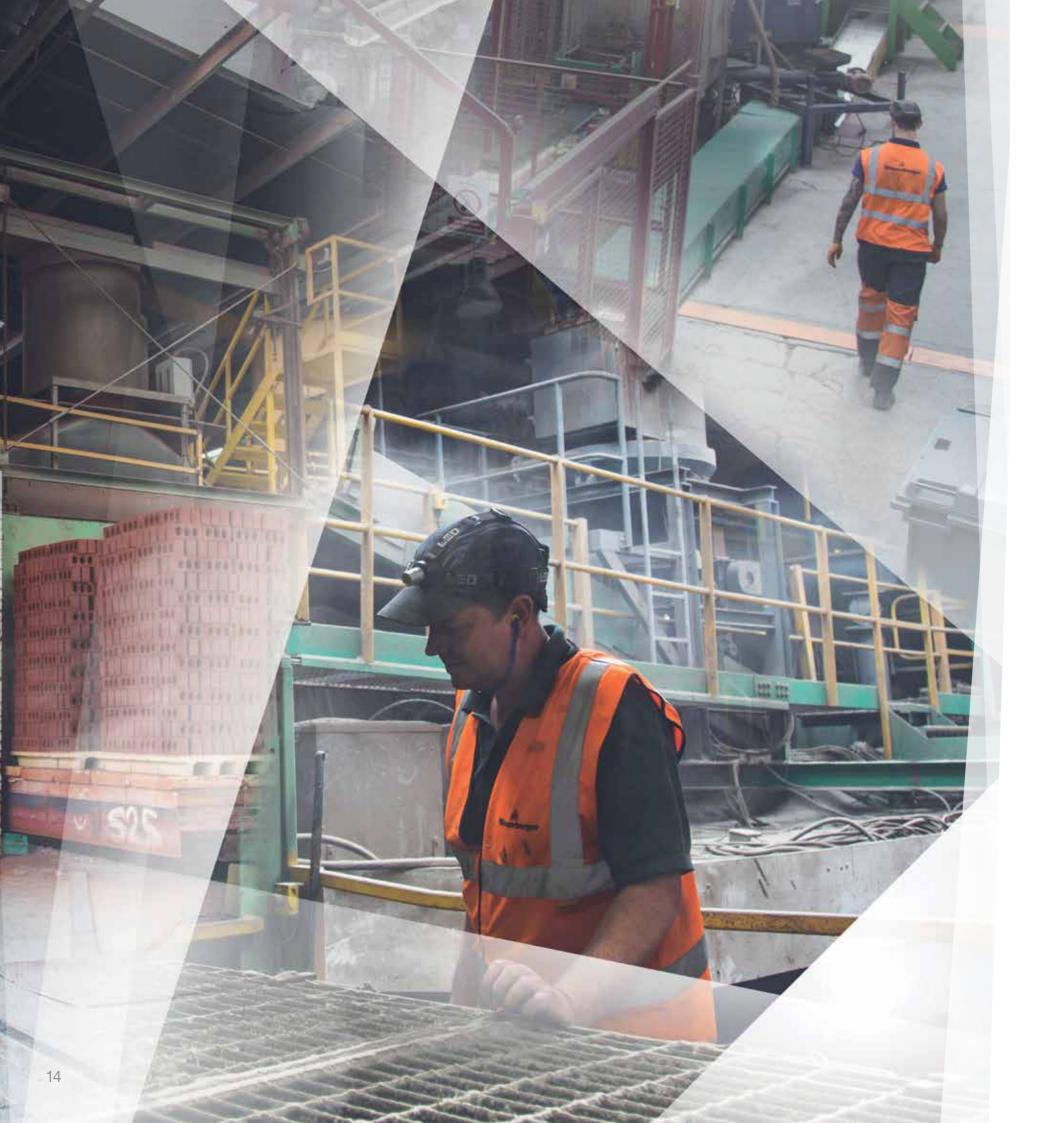
Tools, services and solutions

We've developed an industry-leading range of tools, services and solutions to compliment our core product offering.

These span the entire building envelope and are designed to provide a diverse yet comprehensive package of customer support.

They range from our bespoke BIMlab platform, specialist design services, unique product systems (such as Porotherm and Corium), specification guarantees (such as RoofSPEC) and the delivery of CPDs, right through to the award-winning brick selector app and our complete housing solution, the Wienerberger e4 brick house.





QUALITY & EXPERTISE

OUR MANUFACTURING HERITAGE

We're very proud of our manufacturing past. Though we also offer products made from other materials, our production heritage lies with natural alluvial clay.

Since we began manufacturing in the UK in 2004, British clay has been at the heart of what we do; its versatility, durability and energy-efficiency makes for bricks, blocks, tiles and pavers that offer outstanding performance across the building envelope.

With a lifespan of over 100 years and a huge array of aesthetic and material variation, every brick, block, tile or paver that we produce is the result of centuries of manufacturing expertise.

OUR SITES

We have 14 different manufacturing sites across the UK and showrooms in Cheadle, Surrey, London and Belfast.



By having factories across the country, that source materials from their local areas, our products are able to reflect geographic variations.

For example, the clay brick we produce at our Denton factory has a tone and texture that reflects the vernacular of the surrounding Manchester area. Likewise, our Kingsbury factory produces the renowned Staffordshire Blue, a traditional brick in the region.



Our credentials

Our manufacturing is widely accredited.



BES6001 (Responsible Sourcing of Construction Products)



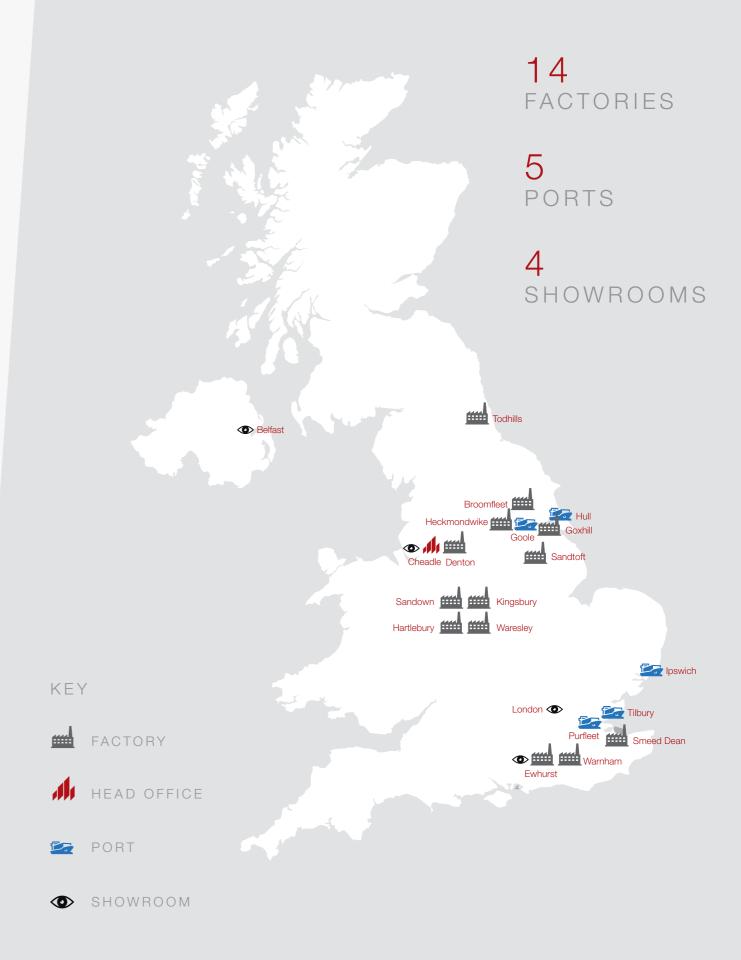


All products achieve an A or A+rating in the BRE Green Guide











INNOVATION

AT THE FOREFRONT OF OUR INDUSTRY

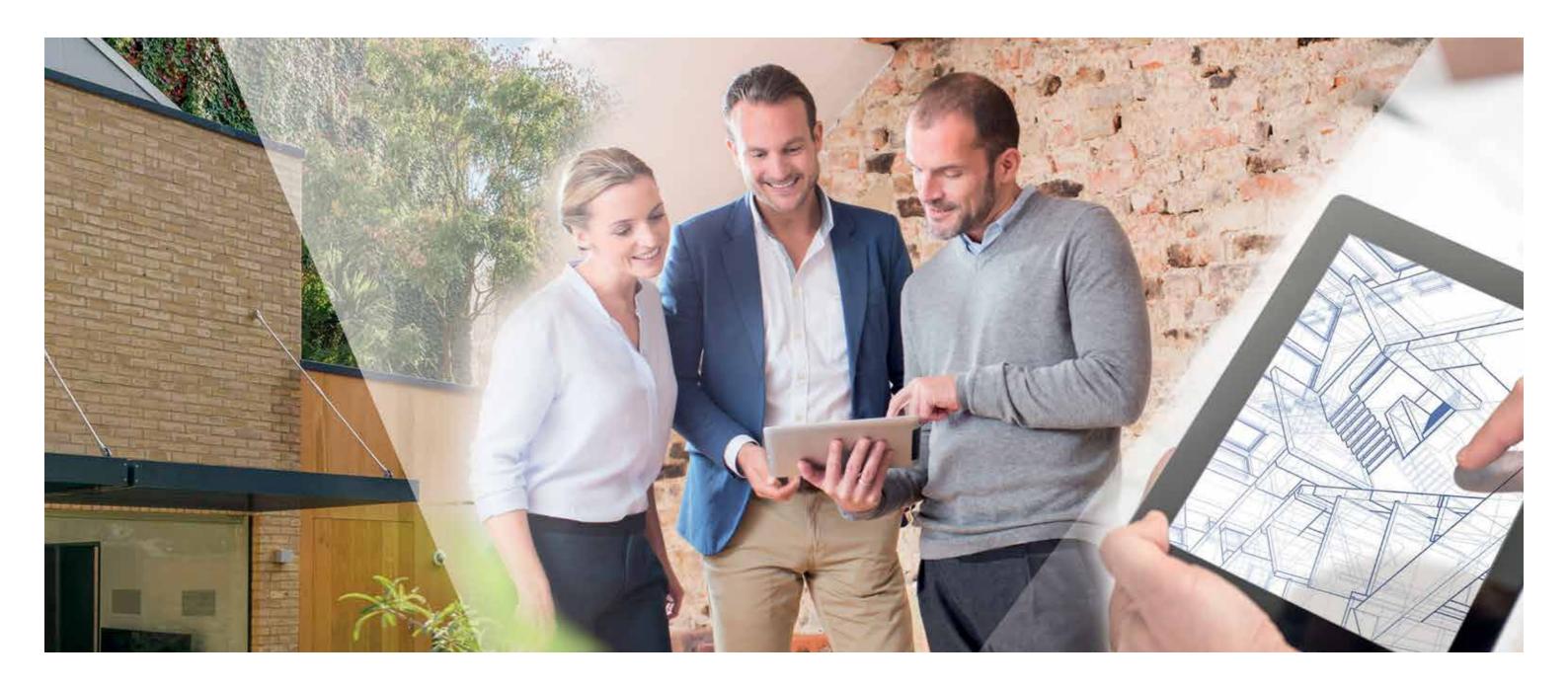
We know that ours is a fast moving industry and we're committed to developing the products and services to drive it.

Over the last decade we've continuously developed new, fit-for-purpose products for the UK market, helping us to win numerous high profile awards for everything from bespoke product apps to new housing solutions. This is a day-to-day part of what we do and ensures that our portfolio is able to meet the changing needs of our customers.

In both our brick and roof categories, an increasing proportion of our products are less than five years old, demonstrating our investment in research and development.

In addition to product innovation, we also offer a suite of industry-leading services and solutions, from pioneering new design and digital construction methodologies, to the e4 brick house, a fully-realised solution for the future of UK housing.







Porotherm

Porotherm is our clay block walling system - designed to allow speed, cost and sustainability to be delivered without ever compromising quality.

The precision engineered clay block is equipped for both load and non-load bearing applications, with a unique interlocking design that requires no mortar in the vertical joints. Not only does this save 95% of typical water usage and speed up drying time, but the blocks can be laid far quicker than traditional masonry.

The result is an inner block wall that is both the economic option and a genuinely sustainable building solution.

BIMlab[®]

The Wienerberger BIMlab is our extensive online database of free to download BIM (Building Information Modelling) objects.

As a leader in the field of BIM, we provide a wealth of useful information for all of our bricks, blocks, roof tiles and pavers. Our BIM technical hub provides access to BIM Lab and Wienerberger BIM objects from across our portfolio.

A full range of technical information and literature can be downloaded from our website: www.wienerberger.co.uk/bim

RoofSPEC®

RoofSPEC is our tool for creating a complete roof specification tailored to a project.

By supplying some basic information and technical drawings, the tool allows customers to dictate bespoke clauses for their project, which we then integrate into a complete specification that not only complies with all relevant standards and regulations, but comes with our standard 15-year weathertight guarantee.

www.wienerberger.co.uk/roofspec





SUSTAINABILITY

A DYNAMIC AND LASTING COMMITMENT

In accordance with ecological, social and economic principles, our commitment to sustainability is reflected throughout our operations and forms a crucial part of our mission to deliver a better quality of life.

It drives innovation in our products and processes, keeping us at the forefront of the industry; whilst performance targets backed by a materiality analysis ensure our progress reflects the beliefs and values of our stakeholders.





PRODUCTION

We're committed to reducing our environmental impact in terms of raw materials, energy, carbon dioxide, water, biodiversity and transport.

Raw materials and waste

- We aim to become a zero waste to landfill company
- At our factories, no clay is wasted offcuts and imperfect unfired products are returned to the clay stockpile, while imperfect fired products are recycled as aggregate
- We include materials from alternative, recycled and secondary sources (MARSS)

 this helps us divert waste from landfill and reduces our consumption of virgin clay resources
- We have a dematerialisation policy to 'do more with less', so we have invested in R&D to make our products strong, light and efficient (for example, our TLE concrete roof tile and the 20/20 New Generation clay plain tile)

Energy

- We've committed to reducing our energy consumption by 20% by 2020
- We've retro-fitted our kilns with a heat recovery system, so that we can use the same air to dry product prior to firing
- Our Energy Management System (EMS) is certified to ISO 50001 standards and allows us to monitor and improve energy efficiency
- We've upgraded ageing equipment with the best available technology across our sites
- We have appointed Energy Champions from our workforce to lead on energy efficiency initiatives at each factory

Carbon Dioxide

- We've committed to reducing our CO₂ emissions by 20% of 2010 levels by 2020
- Our products and systems are low maintenance, highly durable and thermally efficient, helping to deliver carbon emission savings in buildings
- We've improved the energy-efficiency of equipment to tackle combustion emissions
- We're exploring renewable electricity and green energy sources
- We participate in the EU Emissions Trading Scheme

Water

- We directly reuse water within the manufacturing process to reduce our water consumption
- We have partnerships with water experts at consultancies and universities to help us identify opportunities to reduce our water usage

Biodiversity

- After extraction our quarry sites will become diverse habitats for plants and wildlife
- We manage these areas according to biodiversity best practice guidelines, mowing and coppicing to promote wildflower and species richness
- Many sites are listed as Sites of Special Scientific Interest (SSSI) or designated with ecological or geographic significance
- Partnering with EcoSurv, we produce a bespoke range of bird and bat boxes that can be built in to housing developments and extensions

Transport

- Our sites are spread strategically across the country to reduce transport distances
- Our hauliers have ISO 14001 certified Environmental Management Systems and use HGVs specified to Euro 6 standard to reduce noise and emissions





INITIATIVES

We're involved in a number of initiatives designed to deliver best-practice sustainability.



SHIFT partnership

SHIFT is the leading sustainability standard for the housing sector. Provided by Sustainable Homes and recognised by the HCA and the Government, it is an independent assessment and accreditation scheme to show that organisations are delivering against challenging environmental targets.

Wienerberger is an official SHIFT partner for new build and our services are used to help other organisations reduce fuel poverty and improve occupant wellbeing in the housing sector.



The BDA Sustainability Strategy

As members of the Brick Development Association (BDA) and active participants of the BDA Sustainability Working Party, we have committed over 10 years of performance data to the brick sector Sustainability Report, published annually by the BDA.

We have also helped to develop the BDA Water and Waste Policies and play a leading role in the Resource Efficiency Action Plan for Brick and Clay blocks.



Industrial Decarbonisation and Energy Efficiency Roadmaps to 2050

We have played a key role in forming the ceramic industry roadmap, representing the brick and clay roof tile sector on the project Steering Group. Working collaboratively with the Government and academics, the project investigates the contribution the ceramic sector can make to a low-carbon future.





E4 HOUSE

The Wienerberger e4 brick house reflects our core values as a company.

It has been designed to become an archetype for the future of housing and deliver on our mission to offer solutions for a better quality of life.

Using a fabric-first approach, and uniquely adaptable to the demands of modern living, the e4 brick house combines sustainability, affordability and desirability.

Register your interest

For more information about building with our complete housing solution, the e4 brick house, please visit www. wienerberger.co.uk/e4, email e4@wienerberger.co.uk or call 0161 491 8200.

Or download the e4 UK app.









MARKET SECTORS

We offer solutions across a variety of market sectors, adapting and tailoring our expertise to deliver construction materials, consultancy and support.

Commercial

We have a proud history of providing building solutions for commercial developments, including offices, warehousing, retail and leisure developments.

We use innovative natural solutions such as Porotherm and Corium to offer a viable and competitive alternative to light steel framing, as well as the latest BIM and lifecycle management technology. We also provide unrivalled support services to assist customers through the entire process.

Education

We provide materials and services for education developments, including independent and local authority schools, colleges and universities.

Our solutions in this sector are safe, low maintenance, certified for quality and BIM compatible. We also put a strong emphasis on sustainability, enabling customers to reduce their carbon footprint and drive cost management in education budgets through offerings such as solar panels and Porotherm.

Healthcare

We have expertise in developments such as hospitals, general practices, dental surgeries and mental health facilities. Our clay materials are free from pollutants and allergens and offer natural breathability, temperature control and air regulation.

In addition to full BIM compatibility (now mandatory in the public health sector) and the extensive range of products and systems available within our portfolio, we also offer support in term of cost management and lifecycle performance.

Housing RM&I

We offer a wide range of services to support the implementation of housing repair, maintenance and improvement projects, adding value to any type of home.

We're able to provide premium, bespoke roof tiles and fittings, alongside distinctive brick ranges, cost-effective large format tiles, smart concrete building solutions and Porotherm. The result is a comprehensive portfolio of products and services, perfectly equipped to assist the renovation of UK housing stock.



New build housing

From social housing and apartment blocks to large-scale developments and luxury homes, our CE marked, quality assured (ISO14001), BIM compatible products offer a huge variety and choice.

In addition to our complete housing solution, the Wienerberger e4 brick house, we are also able to provide specialist support teams dedicated to making working with us and complying with regulation as easy as possible.

Non-housing R&M

Alongside our offerings in other market sectors, we also have products and services designed for use in repair and maintenance projects for commercial and public buildings.

As always, our products are quality assured, BIM compatible, cost effective and offer superb durability.



CUSTOMERS

We work with a wide range of customers, adding value throughout the supply chain.



Architects and specifiers

Our unrivalled range of innovative and inspiring products allow architects and specifiers to fully express their creativity. We also offer excellent sustainability credentials, first class design advice, customer service and CPD seminars.



Brick factors, building merchants and roofing stockists

As well as our wide range of products that fulfil local requirements across the country we also offer numerous other benefits and value added services such as product training, showroom and display materials and a mixed-load service for stockists with smaller yards.



Developers

We work closely with developers to provide valuable, time saving technical and design services. All of our products achieve an A+ or A rating in the BRE Green Guide and all of our UK products are BES 6001 certified.



Roofing/building contractors

We provide contractors with an extensive choice of materials, as well as time and labour saving systems, technical support, training and on-site assistance when required.



Local authorities and social housing

We provide social landlords with a wide range of sustainable, low maintenance products, services and solutions to meet any local planning requirement, including our roof design liability guarantee and the Wienerberger e4 brick house.



Householders and selfbuilders

Offering unique, natural and sustainable products that are durable and low maintenance, we offer unrivalled choice across the building envelope. Whether self-builders or simply end-consumers, we want the quality of our products and services to contribute to a better quality of life.





PEOPLE AT WIENERBERGER

We know that we're only as good as our employees, so we aim to create an environment where everybody is empowered and motivated to deliver outstanding work.

We're proud to have a workforce with a wide diversity of skills. As well as those who design and manufacture our product portfolio, we also employ architects, specifiers, geologists, structural engineers, environmental experts and technical consultants to name but a few.



Stephanie Palmer, Sustainability Manager

"It's widely acknowledged that 'buy-in from the top' is essential for a successful sustainability programme, so it was great to see that Wienerberger had already attained this level of support when I joined in January 2015.

To date, Wienerberger is the only major brick manufacturer in the UK to have publicly-stated company sustainability targets which are reported upon annually. Working for the MD in a role dedicated to enhancing sustainability performance was just what I had been looking for. It was a real opportunity to make a difference and an important next-step in my career!

My challenge within Wienerberger is twofold - to drive progress from within, working with multiple teams to explore opportunities for improved resource efficiency - and to help build trust in our brand through transparent communication with stakeholders. With this broad scope, no two days are the same. One day I may be meeting with Government or our trade association in London and on the next, I'll be pulling on boots and a hi-vis jacket visiting a factory. The role is demanding but the culture of teamwork and 'can-do' attitude within the company makes Wienerberger a great place to work."



Ben Newnham, Production Manager

"I began working in the brick industry in 1997. My first job was cleaning and maintaining kiln cars at the Waresley plant. During this time, I picked up various skills on machinery around the plant. Some may say I became a Jack of all trades!

I was soon offered the chance to train as a Relief Foreman. After a couple of years the role developed into a Continuous Improvement Manger role. I enjoyed the new challenge and felt I made a positive contribution to the plant but I yearned to get back to being involved with the day to day running of the shifts. So, when an opportunity arose at a newly opened plant, I jumped at the chance of leading a shift again.

There are many pressures involved with the day to day running of a shift, with many central departments looking to push Wienerberger forward including Health & Safety, Quality, Continuous Improvement and Energy. They are many projects and new initiatives which are being implemented, not to mention extra training which has come our way."



Julie Hall, Production Manager

"My journey started in 2001 in the sales office at the Todhills factory. I soon progressed to be an Office Manager, a role I enjoyed for the next 11 years - working between the Eldon and Todhills factories. During this time, I gained a lot of knowledge of brick manufacturing - from production through to dispatch. I decided that I wanted to be part of the production process and was given the opportunity to become a Technical Officer at Todhills factory, which I enjoyed immensely.

A further opportunity came along later for the position of Production Shift Manager, and it was this role I found both very rewarding and challenging.

I am very grateful for the opportunities I have been given to develop my career as a Production Manager and proud to be part of the brick manufacturing process working for Wienerberger."



Harriette Ewens, Wienerberger apprentice

"It's great to be a part of the team here at Wienerberger, where I've been given a brilliant platform to start my career in construction. Since leaving school and joining the company over a year ago, I've learnt a great deal, both through being on site learning on the job, and through undergoing additional training one day a week through HETA.

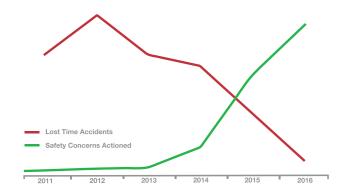
Each day is different and I really enjoy being part of the team – it's a huge aid to my development as an apprentice that I have so many experienced Engineers around me from which I can learn and adapt techniques. I'd definitely encourage anyone wanting to get involved within construction to consider the wide range of opportunities available."



HEALTH & SAFETY

While health and safety is a core element of our approach, we never take it for granted. It's an aspect that requires continual management focus and both financial and physical resources.

Our system is carefully maintained and ensures that every single person that works for and with us returns home safely at the end of the day.



Visible Management Leadership (VML)

The VML allows all our staff to see and hear our management teams discuss health and safety on a daily basis, emphasising their importance to what we do.

Near miss initiative

By encouraging and empowering our staff to report any health and safety concerns they may have immediately, we've been able to action over 5000 improvements to our working environments and processes. Every single one helps prevent tomorrow's injuries and contributes towards our ultimate goal of Zero Harm.

Furthermore, over the last three years we have also achieved an 80% reduction in Lost Time Accidents (LTAs).

Safe driving

Our safe driving campaign was implemented for any personnel driving on behalf of Wienerberger. Before being allowed to drive a company vehicle, individuals must first undertake an online and on-road assessment.

The BCC Safety Pledge

Wienerberger works in partnership with the British Ceramic Confederation (BCC) and the Health and Safety Executive (HSE) under the Health and Safety Pledge, a joint initiative to improve occupational safety throughout the ceramic industry.

ADDRESSING THE SKILLS SHORTAGE

The biggest issue affecting the construction industry is a shortage of core skills. At Wienerberger, we're dedicated to doing everything that we can to help address this, whether that's through offering our own specially created training programmes or supporting initiatives that will help bring through the next generation of construction workers.





Supporting Skillbuild and the Guild of Bricklayers

Skillbuild is the UK's largest construction skills competition and one of the foremost organisations in terms of developing the next generation of skilled tradesmen. Every year we supply the bricklaying and roofing competitions with huge quantities of materials for the contestants to use. Over 300,000 bricks have been donated in the last five years.

We also support The Guild of Bricklayers in its mission to promote and maintain the highest standards of craftsmanship in brickwork, supplying materials for events and competitions throughout the year.

Roofing training

At our Sandtoft site, we have a dedicated training centre where we regularly upskill our staff and tradesman in new products and innovations, while we also offer on-site training during builds as a standard part of our service.

To help support the development of roofing skills in young people we work closely with building colleges, while we also frequently sponsor and exhibit at trade shows such as the Building Limes Forum.

When we do sponsor and exhibit, our Heritage Craftsman is nearly always there to showcase and demonstrate the creativity and intricacy of clay carving. It's another way in which we hope that we can capture the interest and imagination of future generations of roofers and do our bit to address the skills shortage.



WIENERBERGER IN THE COMMUNITY



OUR RESPONSIBILITY

We believe that all companies have a responsibility to make a positive contribution to the wider community.

We engage with local communities through local liaison groups and by making charitable donations. Our 'open door' attitude has fostered valued relationships, which we continue to build upon in a variety of ways, such as:

- A range of events and visits to factories for schools, universities, and archaeological interest groups
- Liaison Committees with our neighbours and local councillors to discuss planning, environmental management and donations
- Charitable support for organisations that share our mission to improve people's quality of life in the built environment. We support Habitat for Humanity on an international level and Housing People Building Communities (HPBC) in the UK, which helps poor and vulnerable people build strength, stability, and self-reliance through shelter
- Providing building materials to support the education and training of young people



PROJECT:

Carmelite Monastery, Liverpool

PRODUCT: Con Mosso bricks PROJECT:

The Shields Centre, Glasgow

PRODUCT:

Mellow Richmond Stock bricks

PROJECT:

Blackburn Cathedral Clergy Court, Blackburn Lincolnshire

PRODUCT:

Porotherm 100 clay blocks

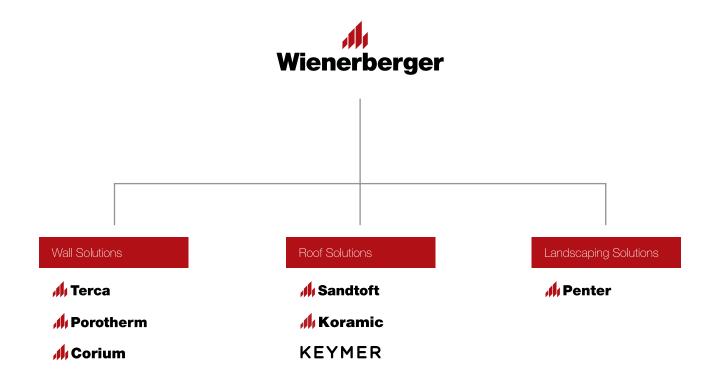
PROJECT: Loveden Beck,

PRODUCT.

New Rivius Antique Slate roof tiles

All information contained in this brochure is believed to be correct at the time of going to press. Wienerberger reserve the right to add, delete or alter products without notice and recommend you contact us to obtain the latest information.





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