



Solutions for construction

Introducing Weber



we
care



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This Barratt / David Wilson Homes development in Looe, Cornwall has been designed to achieve the Code for Sustainable Homes ensuring minimal energy costs for residents. The use of **weber.pral M** monocouche render also reduces environmental impact after undergoing an environmental assessment achieving the status of Green Guide rating A+, as defined in the BRE Global Specification. In addition to the stunning aesthetics and proven technical attributes, this one coat render provides an excellent, durable, weather protective finish for the homes.

Weber manufactures its products in the UK and Ireland from plants in three locations in Bedfordshire, Shropshire and Co Antrim, which ensures that products are produced close to the markets they supply and transportation costs and carbon footprint are reduced compared to systems using imported products.

About Weber

Weber is a specialist in the manufacture of industrial mortar products, its core product range consists of external renders, decorative finishes, technical mortars, tile fixing and floor screeds.

Innovative Products
Sustainable Solutions
Simplicity & Speed
Superior Quality
Technical Expertise
Trusted & Green

Weber is an international business operating in 54 countries worldwide. Weber manufactures from plants in three locations across the UK which ensures that products are produced close to the markets they supply and that product quality is maintained throughout – essential to the overall performance of our systems.

Weber does not only sell products but the complete solution which includes the services that go with the products; technical support and training. Based on our strong knowledge and experience of the market, Weber training programmes meet the needs of our customers, providing specifiers, developers and contractors with substantial support before, during and after contract periods.

Another key competence of Weber is product innovation with solutions developed in close co-operation with our customers and international R&D facilities to guarantee quality, safety and competitiveness. Recent innovative developments include systems such as **weber.therm XP** a unique one-coat external wall insulation system offering speed and simplicity, and our proven **Low Dust Technology™** added to a number of products ensuring very low dust emission, product efficiency and operator comfort.

Sustainability is also important as we develop and deliver products that improve the performance of buildings and enhance the living and working environment including the introduction of **ECO-Smart™** Cement Replacement Technology reducing the impact on the environment. Weber were also the first manufacturer of monocouche renders to be awarded an A+ rating as defined in the BRE Global 2008 Green Guide to Specification for **weber.pral** renders helping specifiers to make selections that will collectively reduce the environmental impact of their buildings while achieving a higher number of BREEAM material specification credits.



The Saint-Gobain Technical Academy at Flitwick runs a range of training and specialist up-skilling courses for the construction industry. The multi-purpose centre has been developed to feature innovation and product demonstration areas, practical workshops, lecture rooms and meeting facilities. Courses can be designed to meet product-specific requirements, or to suit different levels of experience and skills. Many one-day courses follow pre-determined content and are available on scheduled dates throughout the year. Courses are adapted to meet the requirements of applicators, engineers, architects, stockists or distributors.

www.saint-gobain-technical-academy.co.uk

Our services

Weber pride themselves on offering a comprehensive technical and applications support to clients, specifiers and contractors...

- Full specification service to NBS standards, providing advice on the appropriate product or system to use, including all necessary components and ancillaries.
- Regular onsite inspections by qualified Weber staff are carried out at key stages to ensure work is completed to specification.
- One hour CPD seminars can be provided on the various products and systems available.
- For External Wall Insulation systems a U-value and condensation risk calculation is made to assess the thickness and type of insulation required and to give the assurance that the risk of interstitial condensation is eliminated.
- Samples of systems and colours are available on request and site references of completed schemes can be provided.

National network of Technical Academies

Comprehensive training curriculum

Operative competence assessment

Application support & onsite inspections

Full specification service

Technical advice & support

Weber appreciates the importance of training and aims to bridge the skills divide by working closely with applicators. Weber offer specialist training aligned to industry requirements, available through dedicated training facilities in Flitwick and a national network of Technical Academies. The Saint-Gobain Technical Academies have been designed to help combat the industry's skills shortage and provide training on new technologies and systems, as well as up-to-date information around legislation.

Weber provides 10 year materials guarantee on all products, a joint materials and workmanship guarantee can also be arranged in conjunction with the installer. Many Weber systems hold BBA and NSAI certification, giving assurance that the systems will perform over the life of the project. Guarantee details and third party accreditation certificates are available on www.netweber.co.uk



weber.therm XM External Wall Insulation System was specified for this award winning project. The modern curved architecture was complemented with the use of **weber.sil TF** in Winter White, a silicone-based, weather resistant, decorative textured finish. This high performance layered system offers excellent thermal efficiency resulting in reduced energy consumption and CO₂ emissions. The Lowther Children's Centre has received several awards, including the coveted RIBA Sorrell Award Winner 2010 for Best Education project; the Civic Trust Award Winner 2010; and was shortlisted for the Prime Minister's Better Public Building Award in 2009.

Photo: Charlotte Wood



External Wall Insulation



Suitable for both refurbishment and new build schemes; External Wall Insulation (EWI) has many advantages and easily outperforms other options in thermal performance. The insulation thickness is not constrained by the limits of the room size or by the cavity and therefore can accommodate all current and future demands for thermal performance.

Protect and decorate tired facades

Create simplicity in new build design

Reduce building maintenance

Minimise heat loss

Warmer weather-tight homes

Reduce CO₂ emissions



Simplifies wall construction within the new build sector...

In new-build schemes, insulating on the external walls can be combined with simple and reliable single skin construction, providing cost effective, fast-track build programmes and attractive façades. The ever increasing thermal requirement of building regulations can be met and exceeded by using the high performance **weber.therm** EWI systems, providing a weather-proof, durable architectural façade which conserves energy, minimises heat loss and reduces CO₂ emissions.

Extends the life of existing buildings by keeping the old structure warm and stable...

EWI offers the opportunity to protect, decorate, enhance and repair old façades, using a combination of thermal, colour and structural elements whilst taking into consideration the environmental and architectural style and heritage.

Weber has a rich background of providing EWI systems for refurbishment projects going back over 40 years. Suitable for all types of properties EWI can significantly lower heating bills and CO₂ emissions as well as making the properties warmer and weather-tight whilst a choice of colour and texture will enhance the appearance of buildings and the local area substantially.



This contemporary property is a one of a kind residence that has been built with many outstanding features. Every aspect has received a craftsman's full attention, including the clean, modern lines of the façade with the application of BBA Approved **weber.pral M** render. The sleek modern exterior of this striking property is created using the innovative one-coat render in Pearl Grey. The through-coloured render has a scraped finish providing the texture of weathered stone that is both durable and water repellent while allowing the structure to breathe.

Photo: Millgate Homes / Tony Mitchell



Renders & Decorative Finishes



Rejuvenate existing buildings or provide a high quality finish for new build projects with a durable weather resistant surface. The Weber range of Renders and Decorative Finishes offers fast application onto a variety of substrates and includes traditional finishes and advanced flexible coatings.

Add colour & texture

Short installation programmes

Low maintenance

Application by hand or pump

Traditional finishes

Advanced flexible coatings

Weber's Monocouche through-coloured mineral render and One Coat base coat render offers short programme times due to their ease of application by spray render pump. The speed of application and reduced drying time offers real saving benefits over traditional sand / cement mix in labour costs and overall site efficiency.

Weber are the first producer of Monocouche render to be awarded an A+ Green Guide rating as defined in the BRE Global 2008 Green Guide to Specification for **weber.pral M** and **weber.pral D**. The Green Guide is an accredited environmental profile rating system for products and building elements, allowing specifiers to reduce the environmental impact of their buildings whilst achieving more materials credits in a Code for Sustainable Homes assessment.

The factory production process for our renders provides materials with controlled, accurate proportioning using quality assured materials in proven, engineered formulations that result in high performance.



Innovative tile fixing products have been used in the restoration programme of the National Museum of Scotland, Edinburgh. The award winning £47 million, three year project by Gareth Hoskins Architects, has seen a complete reconfiguration of the internal space. Plunkett Tiling specified the use of 40 tonnes of **weber.set rapid SPF** with **Low Dust Technology™** which dramatically reduced airborne dust created during the pouring and preparation of powder products and contributed to a more comfortable and cleaner environment for the tile contractors and their customers.



Innovative, easy-to-use, high performance tile adhesives, grouts and sealants for the professional tile fixer.

High strength
Rapid setting
Easy to use
High performance
Complete system offering
Low Dust Technology™



Prep it - Preparation products such as self-smoothing levelling compounds for uneven floor surfaces, primers and ready-mixed under-tile tanking system.

Fix it - Ready-mixed ceramic wall tile adhesives for interior use.

Set it - Cement-based tile adhesives for internal and external floor and wall tiles, offering a choice of setting times and levels of flexibility.

Joint it - The product range includes mould-resistant tile grouts and silicone sealant in a wide choice of colours.

The introduction of innovative **Low Dust Technology™** to some of the key powder based products in the range has made a dramatic reduction in airborne dust created during pouring and mixing without changing the premium characteristics and benefits of the original product.

The comprehensive range of products and solutions are supported by product selectors, specification tools and how-to videos to ensure the correct system is being used and optimum performance is reached.

The range is also supported by Weber Rewards a loyalty reward program for tilers where points are collected and redeemed for a wide range of gifts. The scheme applies to the company's best-selling tile fixing and floor levelling products.

For more information, visit www.loveweber.co.uk



A striking studio complex has been built for the Envisage Group, an international design & engineering organisation. This new facility provides ultimate style for aspirational product development testing under clinical appraisal conditions. Brilliantly illuminated, air-conditioned and totally functional, these studios require perfectly level floors to match the precisely positioned test equipment. The new premises for Envisage Group were created on a fast-track schedule which benefitted from Weber's rapid drying floor screed systems which were used extensively in this state-of-the-art facility.

Flooring Systems

we care

Weber's flooring range consists of Industrial, Commercial and Residential Screeds which have been developed for optimum speed, durability, strength, smoothness and are the most technically advanced products on the market.

Innovative & durable

Easy to apply

Proven & reliable

Rapid drying products

Superior product performance

Stronger, longer lasting floors

Developed for paramount speed, Weber's high-performance **Commercial and Residential Screed** Range of products give a smooth surface that is ready for foot traffic after only a few hours and that can be covered with a soft floor covering in 24 hours, offering consistent and reliable drying characteristics with optimum strength and durability.

Weber's high-performance **Industrial Screed** range offers speed, strength and durability, creating stronger, smoother, longer lasting floors with minimal down-time. The speed of application is up to ten times faster than traditional screeds and the fast drying/curing properties allow forklift traffic or resin finishes to be applied within 24 hours.

Hand Applied Screeds are also available in standard, rapid and ultra-rapid drying options for levelling and smoothing concrete substrates, repairs and renovation. Ancillary products complete the installation with primer and glass-fibre reinforcement mesh.



Designed by Ove Arup, the bridge features low slung suspension wires that make the bridge seem, intriguingly, to defy gravity. This seemingly light aesthetic design disguises the fact that the same if not a greater load than traditional designs needs to be safely transferred to the supporting structure. **Five Star Grout SP** was chosen to support the full weight of the structure via the bearings to column piers whilst **Five Star Repair Concrete** was used as the concrete to strengthen the caisson plinths. The high performance precision grouts feature non-metallic chemistry so avoiding potential dimension instability, corrosion or staining in the future.



Technical Mortars solutions for major infrastructure contracts, social housing refurbishment and Highways projects.

Excellent adhesion
& strength

High levels of
chemical resistance

Rapid set & high
strength

Ease of application

High performance
systems

Highways Agency
approved products

Concrete Repair & Protection

Weber has a wide portfolio of products designed to facilitate repair of concrete in most circumstances, ranging from handplaced materials for localised non-structural repairs, to flowable or spray solutions for mass structural replacement. Concrete Protection solutions include high performance, anti-carbonation coatings to increase durability of reinforced concrete and provide long term protection of existing concrete and new repairs.

Precision Grouting

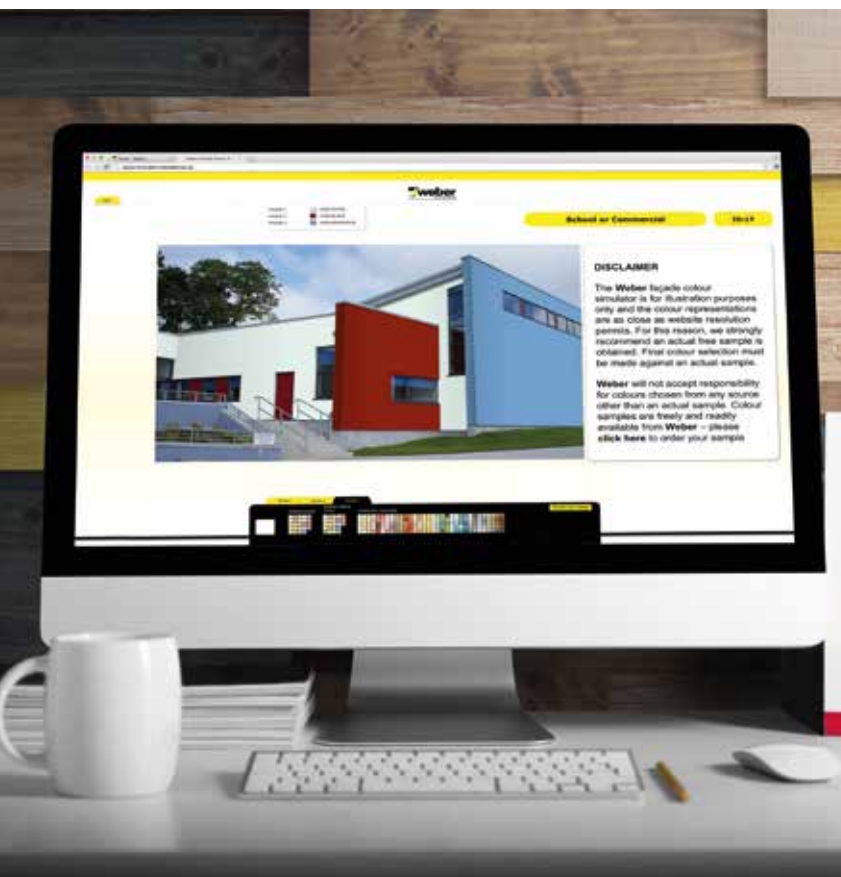
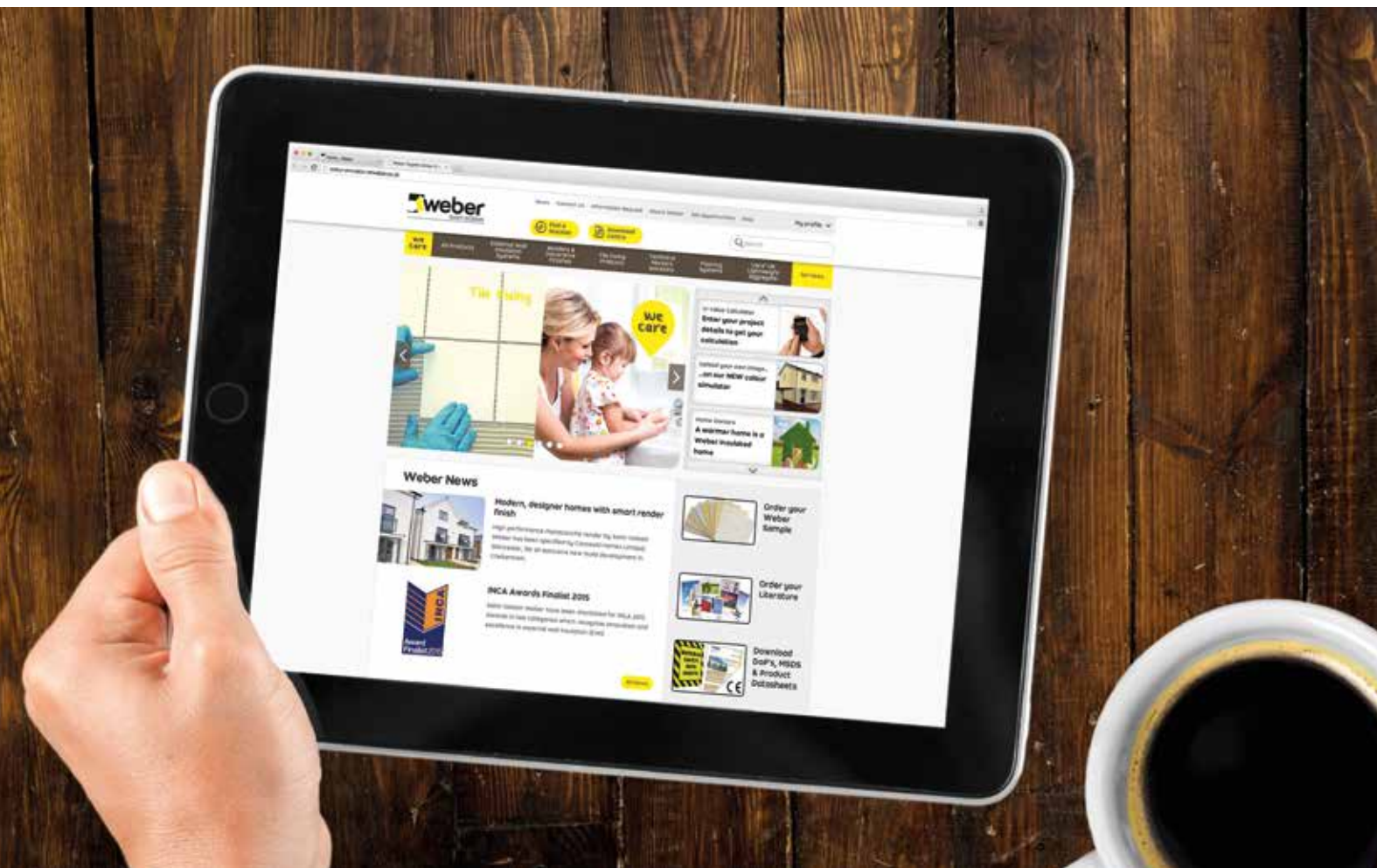
Reliable transfer of loads from structure to supporting foundations is a vital element of design in any civil engineering project, Weber's high performance Precision Grouts offer excellent dynamic load carrying capacity, are extremely durable and provide good chemical resistance.

Bedding Mortars

Weber offers a range of materials for the bedding of components in the Highway, Airport and Marine market place. These products are designed for the fast installation of components and long lasting reinstatement of items such as kerbs, gullies, manhole frames and other street furniture.

Structural Strengthening

Upgrading of buildings, bridges and structural components through the use of Fibre Reinforced Polymer (FRP) technology where high tensile strength, lightweight fibres and proven durability are utilised in the structural strengthening of concrete, masonry, metallic and timber structures.



The **www.netweber.co.uk** website has been designed to interact with our professional construction customers – architects, surveyors and engineers – as well as contractors, applicators and distributors. It offers valuable and time saving functions providing dynamic navigation across the different product sectors. The **Consumption Calculator** tool is easy to use and will help customers to estimate required quantities. This is essential in costing projects and avoids over or under ordering which can cause expensive delays on site. The site also has a **Find a Stockist** facility which by entering the destination postcode a selection of the nearest stockists is displayed.



In a digital age, Weber has supported the change in how businesses operate with digital tools offering smart real time solutions.

Optimised Website
Colour Simulator
U-Value Calculator
Weber App
Social Media
Microsites



The **Product Comparator** software enables easy comparison of the main features and benefits of products. **Frequently Asked Questions**, problem solving techniques, technical advice and colour cards are available while latest brochures, data sheets and certification are available in an extensive **Download Centre**.

The façade **Colour Simulator** allows construction professionals and property owners to upload their own image or select from a library of standard building types to create a realistic impression of a property in a single colour, or in combinations of colours, in a matter of minutes.

A **U-value Calculator** is also available on the website offering users the opportunity to enter their project details through a selected range of drop-down menus in order to obtain their calculation. Full system analysis and condensation risk calculation can also be provided via the Specification Team should advice need to be sought.

The **weber.app** offers similar functionality as the website but provides instant access to comprehensive product information without the need for Wi-Fi after download. Users can download the app for free, in seconds, from iTunes and Google Play stores for iPhone, iPad, and android devices. The **'Redeem on the Go'** App allows tilers who are collecting **Weber Rewards** points from their tile fixing products to scan or manually enter the special codes to their account in order to redeem points in return for gifts and experiences.

Weber is present on the key social media networks with a **YouTube** channel providing access to many how-to videos offering excellent hints and tips, supporting our full training programme. Regular content on **Facebook** and **Twitter** keep followers up-to-date on new products, news and case studies and offers customers an opportunity to share project photos. **Pinterest** offers users inspiration in the form of photos and video whether it is ideas for a beautiful tiled bathroom or render colours for a self-builder.

About Saint-Gobain



Weber is part of Saint-Gobain, the world leader in the habitat and construction market, creating and delivering innovative and high performance solutions to enhance our habitat and our daily life.

In 2015, Saint-Gobain celebrated its 350th anniversary. As one of the world's top 100 innovators, Saint-Gobain spends €400m a year on R&D globally, tackling some of the biggest challenges of our time. One in four products manufactured by Saint-Gobain did not exist five years ago.

Saint-Gobain's global strategy is focused around meeting some of the fundamental challenges faced by the world today: reducing energy consumption, limiting our impact on the environment, and creating a new generation of buildings which are safe, comfortable and energy efficient.

Saint-Gobain in the UK and Ireland is committed to investing in training for the next generation of contractors and professionals, as well as supporting existing professionals looking to upskill. Our Technical Academy network, including Greenworks, has delivered more than 70,000 hours of training since 2011.

With 2014 sales of €41.1 billion, Saint-Gobain is present in 66 countries and employs over 180,000 people worldwide, including over 17,000 in the UK & Ireland. It was founded in 1665 to deliver a world first – the production of glass on an industrial scale – and has continued to grow its business via the ongoing development of new services, products and ways of working with customers.

In the UK and Ireland, some of the best known and respected companies in the construction sector are part of the Group, including British Gypsum, Isover, Glassolutions, Saint-Gobain Glass, Saint-Gobain PAM, Pasquill, Celotex and Ecophon. Together they offer a range of high performance energy-saving products and solutions to help.



1 Loft and roof insulation



2 Solar PV



3 Cavity wall insulation



4 Acoustic walls and ceilings



5 External wall insulation



6 Loft hatches



7 Internal wall insulation



8 Air tightness / Draught-proofing



9 Energy efficient glazing



10 Under floor insulation

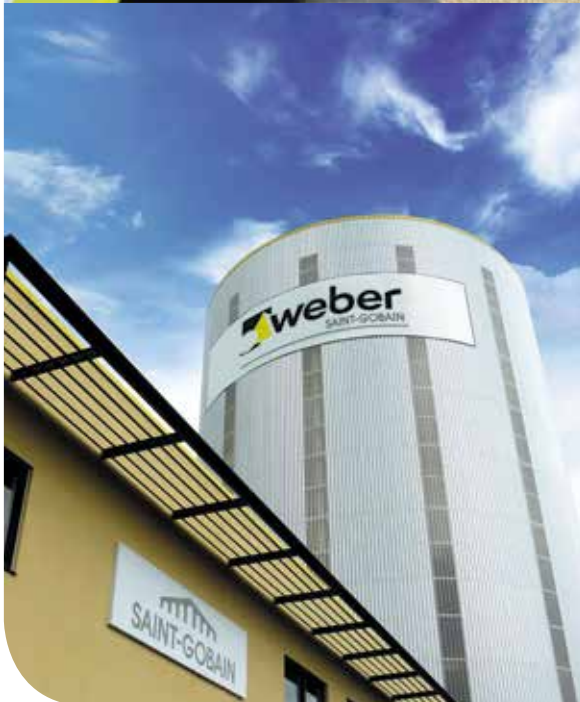


11 Timber Engineering





The innovative one-coat, through-coloured **webertherm XP** EWI system has been used in the dramatic thermal and aesthetic upgrade of this traditional estate lodge house. The architect and client called for the plinth detail, and mid-floor feature band running around the façade to be maintained when the new render coat was applied. This was created using a further layer of insulation and beading to enhance the attractive features of the original building.



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