



# Solutions for construction

Introducing Weber



we  
care



Inspirational properties in 'The Collection at Fortescue Fields', a new mixed development in the quaint and historic village of Norton St Philip feature **weberpral M** monocouche render. The award winning development by Bloor Homes features a stunning collection of 38 individually styled homes constructed to blend sympathetically with the local vernacular and has adopted a combination of designs and detailing. The attractive Georgian inspired architecture makes use of rendered façades in **weberpral M** in Ocre Rose, enhanced with Bathstone, rubble stone or stone quoins.



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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 60 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 **webertherm 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 **weberpral** 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](http://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.
- 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.
- 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.
- Samples of systems and colours are available on request and site references of completed schemes can be provided.
- Building Information Modelling (BIM) drawings are available for products and systems and can be downloaded online or supplied via the Specification Team.

**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.uk.weber](http://www.uk.weber)



The £16m phase-one project, designed by Arup Associates for the University of Cambridge, provides a world-class facility, under one roof, for hundreds of athletes from the University and local community. **webertherm XM** EWI system was specified for this iconic sports building which has been designed with an integrated approach to sustainability, engineering and architecture. More than 4,500 m<sup>2</sup> of EWI has been installed with a specification calculated to attain a low U-value of 0.25W/m<sup>2</sup>K.



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 CO<sub>2</sub> 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 **webertherm** EWI systems, providing a weather-proof, durable architectural façade which conserves energy, minimises heat loss and reduces CO<sub>2</sub> 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 CO<sub>2</sub> 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 **weberpral 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

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 **weberpral M** and **weberpral 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 **weberset 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](http://www.loveweber.co.uk)

weber  
rewards.  
loving you back





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

Low Dust Technology™

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.

All **weberfloor** screeds now include the innovative Low Dust Technology™ formulation which significantly reduces airborne dust created during the preparation process.

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 England  
approved products

### Concrete Repair & Protection

Weber has a wide portfolio of products designed to facilitate repair of concrete in most circumstances, ranging from hand placed 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.

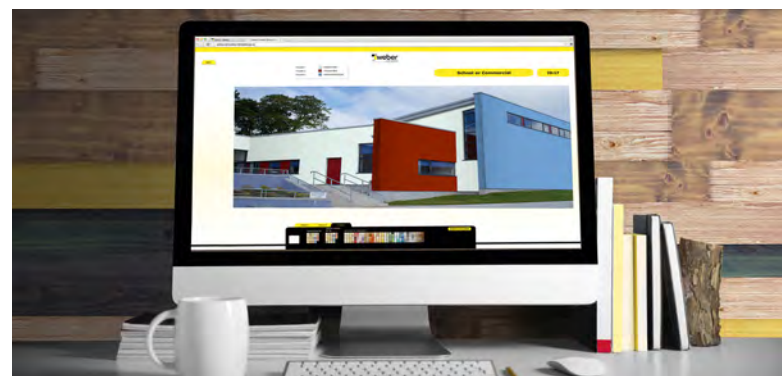
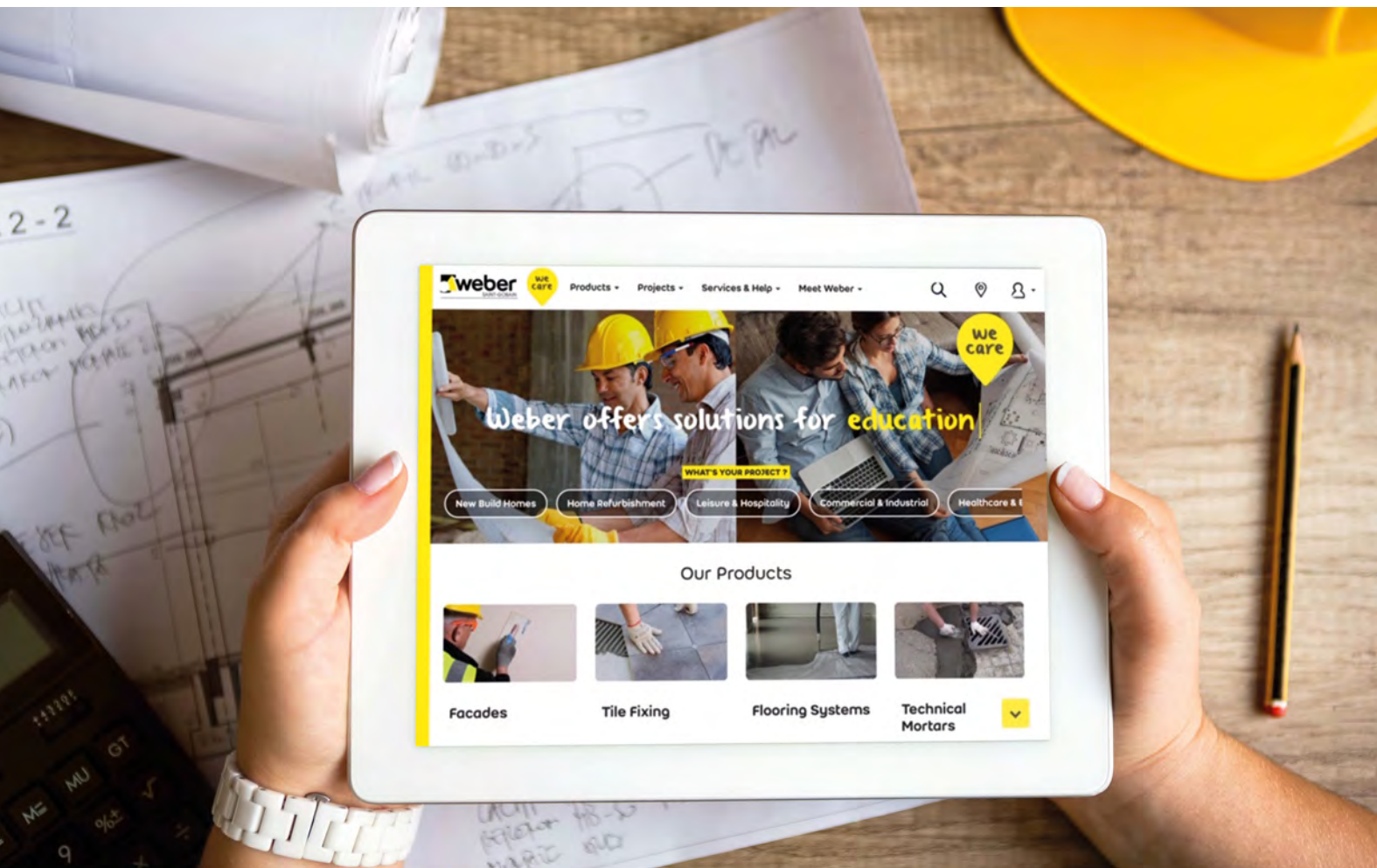
### Bedding Mortars

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.

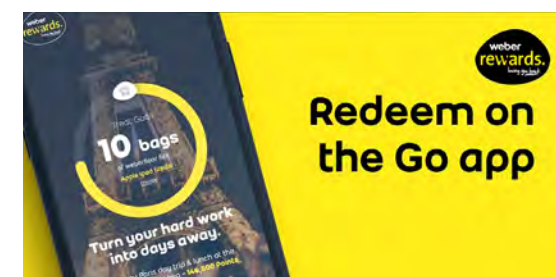
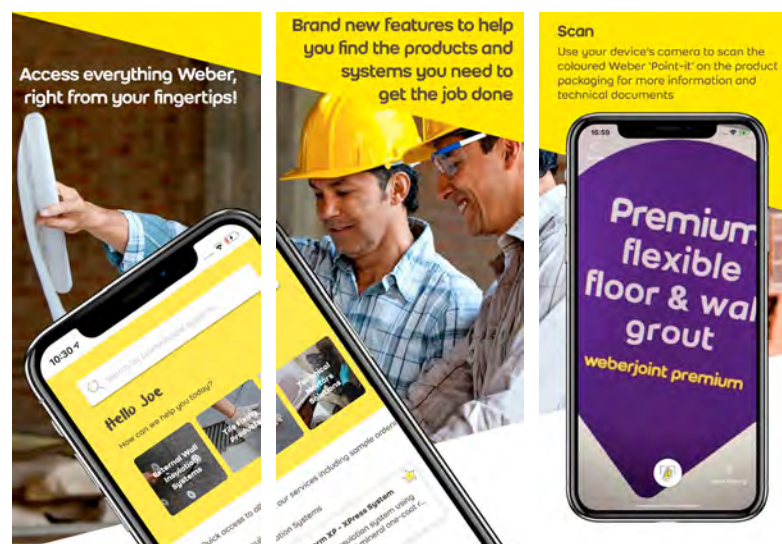
### Structural Strengthening

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.uk.weber** 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 **weberapp** offers similar functionality as the website with features to help you find the products and systems you need to get the job done. Users can download the app for free from iTunes and Google Play stores for iPhone, iPad and android devices.



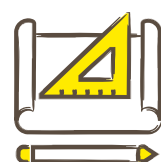
In a digital age, Weber has supported the change in how businesses operate with digital tools offering smart real time solutions.

Weber is present on the key social media networks offering up-to-date communication and market information.

- SaintGobainWeberUK
- SGWeberUK
- SGWeberUK
- SGWeberUK
- SGWeberUK
- Saint-Gobain-Weber-UK



Consumption Calculator



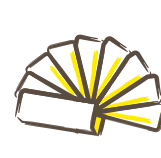
BIM Downloads



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Frequently Asked Questions



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#### 1 Loft and roof insulation



#### 2 Roof Structures



#### 3 Cavity wall insulation



#### 4 Acoustic walls and ceilings



#### 5 External wall insulation, renders & decorative finishes



#### 6 Loft hatches



#### 7 Internal wall insulation



#### 8 Air tightness / Draught-proofing



#### 9 Energy efficient glazing



#### 10 Underfloor insulation and floor screeds



#### 11 Tile backer boards and tile adhesives



## About Saint-Gobain



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.

As one of the world's top 100 innovators, Saint-Gobain spends €450m 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.


Investing in training for the next generation of contractors and professionals, who are aware of the challenges of energy efficiency and sustainable construction, will help provide a solid future for the construction industry. For that reason Saint-Gobain has invested heavily in providing training facilities across the UK including the Technical Academy network.

With 2019 sales of €42.6 billion, Saint-Gobain operates in 68 countries and employs more than 170,000 people worldwide, including 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, Jewson and Ecophon. Together they offer a range of high performance energy-saving products and solutions to help create great living spaces and improve daily life.

[www.saint-gobain.co.uk](http://www.saint-gobain.co.uk)





This modern design combines exceptional thermal performance of **webertherm XP** external wall insulation system with outstanding contemporary aesthetics of a white scraped render finish and grey slate tiles to the lower floor, creating a striking contrast in materials. This unique building also uses **weberpral M** monocouche render to the curved retaining walls applied to a poured concrete substrate. The revolutionary **webertherm XP** system uses a one-coat, through-coloured mineral render reducing on-site labour and associated access costs in comparison with a traditional two-coat system.





## Saint-Gobain Weber

Dickens House, Enterprise Way,  
Maulden Road, Flitwick,  
Bedford, MK45 5BY

**Telephone:** +44 (0)1525 718877

**Email:** mail@netweber.co.uk

**www.uk.weber**

