

weber
PRESENT
THE FINAL
FINISH

Weber Renders &
Decorative Finishes

Attractive • Durable • Innovative
Renders and Decorative Finishes

 **weber**
SAINT-GOBAIN

ABOUT WEBER



As a recognised manufacturer and innovator of easy-to-apply products in the construction mortars, façades, flooring systems and tile-fixing markets, **Weber** is a leading player in the construction products industry. The natural synergy between these specialist activities enables **Weber** to provide integrated solutions for a wide range of projects from building renovation and refurbishment to new building developments and major civil engineering.

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

ABOUT SAINT-GOBAIN

Weber is part of **Saint-Gobain**, one of the world's leading industrial groups with activities in construction products, flat glass and packaging, high performance materials and building distribution. **Saint-Gobain** is an international group employing around 193,000 people in over 64 countries worldwide. Established in France in 1665, **Saint-Gobain** is one of the world's largest industrial groups, with an annual turnover of €43.1 billion.

Some of the UK and Ireland's most respected companies and brands in the construction sector are part of **Saint-Gobain**, including British Gypsum, Glassolutions, Isover, PAM, Artex, Celotex, Ecophon and Pasquill. Together, these businesses offer an unrivalled range of products and innovative material solutions that give architects and designers the ability to respond to the latest trends, whilst meeting the most exacting performance and legislative standards.

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THE GUIDE TO RENDERS

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.

Weber is a leading UK formulator and manufacturer of innovative materials in the construction market, holding prominent position within the renders market. **Weber** not only manufactures its products within the UK and Ireland, but is 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.

This guide serves as a quick reference to the **Weber** range and the key issues for consideration when selecting a render finish. For further in-depth technical information please visit our website www.netweber.co.uk where you will find datasheets, FAQ's and problem solutions. You will also find a variety of services on our website including a Consumption Calculator, review training options, book CPD presentations, download the **weber.app** and order samples.

Monocouche Renders - Pages 10-15



weber.pral M

A coloured one-coat monocouche render suitable for most types of brick or block work



weber.pral D

A coloured one-coat monocouche render suitable for most types of brick or block work

Render Systems - Pages 16-17



weber.rend OCR

Pre-blended single coat render providing an excellent background for all **Weber** finishes

weber.rend MT

A high performance, multi-coat render system incorporating glass-fibre meshcloth

Decorative Finishes - Pages 18-23



alpine finish

Cement-based mix with travertine finish



cullamix tyrolean

Cement-based mix with tyrolean finish



flexirend highbuild

Multi-textured resin based finish



weber.sil P

A mineral-based, high performance silicone paint

Ancillary Products - Pages 24-29



weber accélérateur monocouche

A liquid setting accelerator solution for monocouche



weber arêtes chrono monocouche

A powder additive for monocouche renders which allows the rapid formation of traditional angles against temporary battens



triple strength medusa

Admixture in white powder form. Its addition to a concrete mix will improve the water repellence of the finished work



weber.rend aid

Preparatory key coat for rendering



weber PR310

Pigmented liquid paint primer



weber CL150

Masonry cleaner

PRODUCT/SYSTEM SELECTOR

How to use the selector

To find the most suitable render option for your needs, refer to the primary selector chart below and on the next page the **Guide to Choice of Finish** for criteria that most closely fit your requirements.



Guide to choice of system

Substrate Finish	Blockwork	Brick	Concrete	Cement/ Sand Renders	Render Boards
Monocouche through-coloured render	✓	✓	with weber.rend aid		
Mineral Cement- based Finish i.e. alpine , cullamix tyrolean	with weber.rend OCR	with weber.rend OCR	with weber.rend aid & OCR	✓	
Synthetic Finish i.e. flexirend highbuild	with weber.rend OCR	with weber.rend OCR	with weber.rend aid & OCR	✓	with weber.rend MT

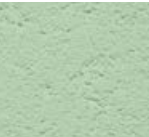
PRODUCT FINISH SELECTOR

Main product selector

Selectors here are designed to narrow your selection down to a choice of either monocouche, mineral or synthetic finishes. Colour and texture can be related to the actual product that will provide the finish chosen in the particular system. Substrate and main system features can be related to the system itself.



Guide to choice of finish

Finish							
	Spray texture	Scrape finish	Ashlar	Fine texture	Travertine	Smooth	Roller texture
Monocouche	weber.pral M & weber.pral D						
Mineral					alpine finish		
	cullamix tyrolean						
Synthetic				weber.plast TF*			
	flexirend highbuild			weber.sil TF*		weber.sil P	flexirend highbuild
						weber.plast P*	

*For more information on these finishes, visit www.netweber.co.uk

MONOCOUCHE RENDERS

weber.pral monocouche renders create an external, decorative, through-coloured finish suitable for most types of brick or blockwork.

The factory production process for **weber.pral** renders ensures quality materials are used in a controlled and accurate method, using proven engineered formulations which result in high performance in practice.

Colour and Texture

A wide range of colours and textures are possible creating a wide range of options for the designer. Colour charts are shown on the following pages.

Fast Track Construction

The use of advanced technology enables the **weber.pral** range to be applied in one application. In addition, it can be applied by machine, creating even faster application.

Low Maintenance

weber.pral renders are through-coloured in nature and therefore do not require further decoration. Should the need arise, the render can be easily cleaned with a 'hobby' style pressure washer and suitable detergent.

Stonework design such as ashlar can be replicated by cutting recessed joints into the finished render using specialist tools.

Changes in colour or thickness can be employed to produce raised features such as bands, plinths and stones.

Alternatively, the render can be finished as a traditional roughcast spray finish which is particularly effective in areas of high exposure.



Dundee University - **weber.rend MT**



New Build Homes, Silsoe - **weber.pral M**

weber.pral M



About this product

weber.pral M is a one-coat through-coloured external render which offers a weather resistant, low maintenance and highly durable finish.

weber.pral M is suitable either for machine or hand application onto brick or block walls. Available in a range of 24 colours, **weber.pral M** has achieved an A+ Green Guide rating, BBA approved certificate no 05/4268.



- One-coat for fast application and short programme periods.
- Through-coloured for low maintenance - decoration not required.
- Formulated to be spray applied by render pump for faster application.
- **weber.pral M** offers a variety of ways to achieve distinct architectural features.
- Available in a range of 24 colours.
- A+ Green Guide rated.

Cement Based

Supplied in 25kg bags.
Coverage: 25kg/m² for 15mm finish thickness.

weber.pral D (only available in Ireland)



About this product

weber.pral D is a one-coat through-coloured external render manufactured in Ireland for the Irish Market, suitable for machine or hand application.

weber.pral D is available in 12 colours. NSAI approved, certificate number 03/0180.



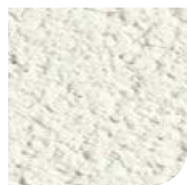
- One-coat for fast application and short programme periods.
- Through-coloured for low maintenance - decoration not required.
- **weber.pral D** is available in 12 colours.
- A+ Green Guide rated.

Cement Based

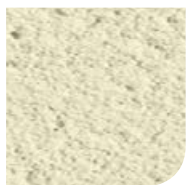
Supplied in 25kg bags.
Coverage: 25kg/m² for 15mm finish thickness.

COLOUR CHART

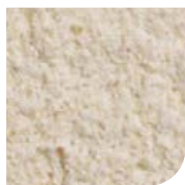
Available in **weber.pral M** & **weber.pral D**



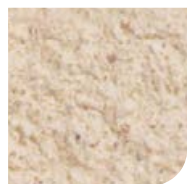
Chalk



Silver Pearl



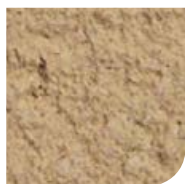
Ivory



Cream



Cornish



Earth



Beige



Limestone



Mushroom



Stone Grey



Graphite



Earth Red

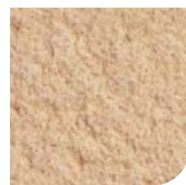
Available in **weber.pral M** only



Sand



Parchment



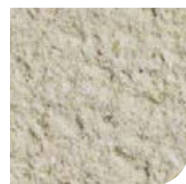
Ocre Rose



Buff



Pearl Grey



Light Beige



Granite Grey



Light Blue



Azure Blue



Sage Green



Rose



Brick Red

These colour representations are as close as printing techniques permit.
Final selection against an actual sample is strongly recommended.

weber.rend OCR



About this product

weber.rend OCR is a range of proprietary renders based on Portland cement, lime and sand. They are supplied as pre-blended dry powders, which require only the addition of clean water to provide a comprehensive range of renders which comply with the mix designations and specifications of BS 5262 and BS EN 13914.

Can be applied by hand or spray render pump for faster application.



- **ECO Smart™** - Contains cement replacement technology for a more sustainable future.
- Formulated to comply with British Standard mix designations (see technical data).
- Excellent weather resistance quality and durability, whilst allowing the structure to breathe.
- Factory controlled production to give a consistently high quality product.
- Provide an appearance of a traditional cement and sand render but in significantly less time.
- Non-combustible (Class 0 fire rating when applied to non-combustible substrates).

Cement Based

Supplied in 25kg bags.
Coverage: 25kg/m² for 16mm thickness.

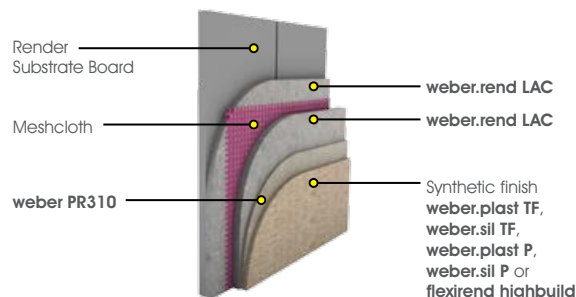
weber.rend MT



About this product

weber.rend MT is a high performance, multi-coat render system, incorporating glass-fibre meshcloth and a resin-rich adhesive coat with a choice of textured finishes in a wide range of colours.

The image below shows a typical build up of the system. Further details can be found on www.netweber.co.uk



- Large areas can be rendered on render substrate boards without the need for expressed joints.
- Allows previously uneven masonry substrates to be rendered and gives a high level of crack resistance.
- Established track record in varying climatic conditions.
- Ideal for timber/metal frame applications.
- Wide choice of colours and textures available.

Can be used in conjunction with the **weber.sil**, **weber.plast** and **flexirend highbuild** finishes.



Complementing the monocouche range, **Weber** offer a choice of mineral and synthetic decorative finishes which can rejuvenate existing substrates and provide a high quality finish for new build applications. The low maintenance finishes not only create an attractive appearance, but also protect with a durable and weather resistant surface. These products can be used on a variety of substrates and range in nature from traditional finished to advanced flexible coatings.

Colour and Texture

A wide colour choice is available and a variety of surface finishes are possible ranging from smooth to textured.

High Performance

Specialist paints such as **weber.sil P** are silicone based which provides a finish with high water shedding characteristics whilst remaining vapour permeable.

Finishes such as **flexirend highbuild** have a degree of flexibility, making them able to accommodate relatively higher natural movement that is associated with framed, timber or sheathing board substrates.

Support Systems

For dense masonry substrates, **weber.rend OCR** is a suitable backing render for **Weber** decorative finishes. For framed construction, the **weber.rend MT** system can be used in conjunction with a render backing board such as Blucad and finished with a synthetic texture. Decorative finishes are suitable for use with insulated systems which are covered in the **Weber** EWI Technical Guide.

alpine finish



About this product

alpine finish is a white cement based mix containing aggregates that provides a decorative travertine finish.

When used, alpine enhances the protection of a traditional rendering system and is suitable for coastal, town, suburban and rural environments.

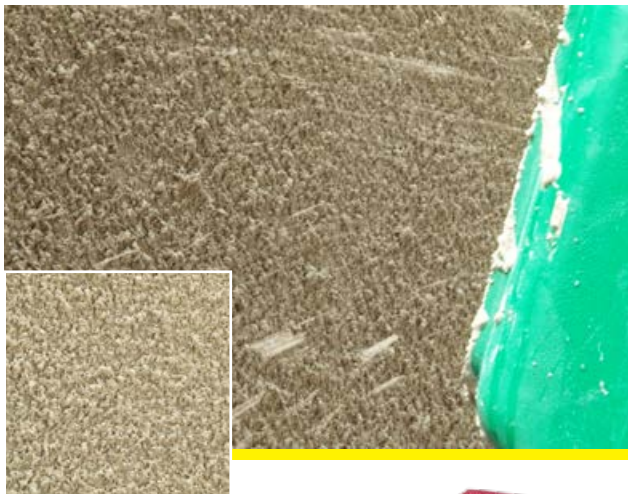


- **ECO Smart™** - Contains cement replacement technology for a more sustainable future.
- Excellent weather resistance and durability.
- Low maintenance white finish.
- May be over-painted when dry with a suitable masonry paint if required.
- Easy and quick to apply.
- Simple to finish.
- Contains an effective biocide to inhibit mould, algal and fungal growth.

Cement Based

Supplied in 25kg bags.
Coverage: 5-6m² per 25kg bag.

cullamix tyrolean



About this product

cullamix tyrolean is a white or coloured cement-based mix, which provides a decorative and protective rendering. It is applied by hand or power operated machines and provides an open honeycomb textured (tyrolean) finish.



- **ECO Smart™** - Contains cement replacement technology for a more sustainable future.
- Pre-blended - requires only the addition of clean water on-site.
- Durable and weather resistant.
- Through-coloured - requires minimal maintenance and no subsequent painting.
- Suitable for most environments: coastal, suburban and rural.
- Can be used as an attractive, sound-absorbing textured finish on internal render.

Cement Based

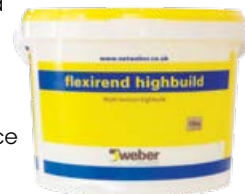
Supplied in 25kg bags.
Coverage: 5m² per 25kg bag.

flexirend highbuild



About this product

flexirend highbuild is a decorative and protective resin-based surface coating for application to exterior and interior surfaces. It is a high quality, weather resistant finish, which may be textured to a variety of designs. It is available in a range of colours and provides a superior quality appearance to cement rendering, concrete and many other backing materials.

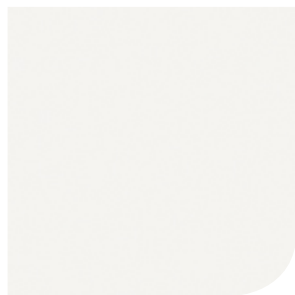


- Factory controlled to give a consistently high quality product.
- Highly durable.
- Remains slightly flexible after curing and will accommodate a degree of building movement.
- High-performance weather proof coating whilst allowing the substrate to breathe.
- Excellent weather resistance.
- Available in a range of 6 colours.

Cement Based

Supplied in 15kg buckets.
Coverage: 6m² per 15kg bucket.

flexirend highbuild & cullamix tyrolean colours



White



Ivory



Stone Grey



Silver



Parchment



Cream

These colour representations are as close as printing techniques permit. Final selection against an actual sample is strongly recommended.

weber.sil P



About this product

weber.sil P is a solvent-free, water-based silicone resin emulsion paint (SREP) for masonry substrates.

weber.sil P is available in a wide range of colours. Specifiers should consult the **Weber** Colour Chart which can be viewed at www.netweber.co.uk.



- A high quality mineral paint for new build masonry substrates.
- A low-maintenance finish on to external wall insulation.
- Rejuvenates existing rendered substrates.
- Resistant to algae and fungi growth.
- Highly hydrophobic - water beading effect helps maintain a clean surface.
- Resistant to blistering and peeling.

Essentially non-hazardous

Supplied in 12.5kg plastic buckets.
Coverage: 2 coats 0.5 litre/m².

weber accélérateur monocouche



About this product

weber accélérateur monocouche is an initial set accelerator solution for monocouche through-coloured renders to speed up the time to scrape during colder application periods.



- As a liquid component, it can directly replace a proportion of the product gauging water.
- If added at the correct dose, it will achieve 20°C scrape times when working at 5°C.
- Colourless liquid has no effect on the appearance of the finished product.

Essentially non-hazardous

Supplied in 20 litre plastic containers yield: 0.1 litre of product per 25kg bag of monocouche.

weber arêtes chrono monocouche



About this product

weber arêtes chrono monocouche is a powder additive for monocouche renders which allows the rapid formation of traditional angles against temporary battens. The additive is also useful for the rapid fixing of standard bead profiles using mixed monocouche.



- May be used to assist in the rapid formation of traditional angles.
- Temporary battens can be removed within 1.5 hours when forming traditional angles.
- Ideal for use when the rapid fixing angle beads, stop beads or bellcast features with monocouche is required.
- Can be used to plug holes in stone work or fill the ends of concrete blocks and bricks.
- Powder additive has no effect on the appearance of the finished product.

Essentially non-hazardous

Supplied in a 20kg plastic bucket containing 10 x 2kg sachets of powder. Coverage: 1 x 2kg sachet is estimated to treat enough monocouche mix to apply to approximately 15 linear metres of traditional edges.

triple strength medusa



About this product

triple strength medusa is an admixture in white powder form. Its addition to a mortar mix will improve the water repellence of the finished work.



- Provides increased water repellence.
- Assists in providing even suction in undercoats.
- Reduces water permeability.
- Reduces surface water absorption.

Essentially non-hazardous

Supplied in 330g sachets (30 per carton).
Coverage: One 330g sachet is sufficient for a mix containing 50kg cement.

weber.rend aid



About this product

weber.rend aid is an preparatory key coat for rendering, consisting of polymer modified cement and sand mix. The powder blend includes an integral bonding agent so that it requires only the addition of clean water on-site.

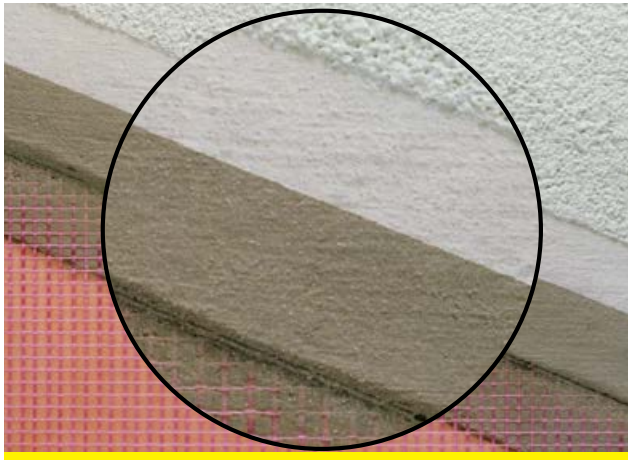


- Provides a good key for rendering onto smooth or otherwise unsuitable but sound substrates.
- Equalises suction on mixed backgrounds.
- Provides excellent suction control across both high and low suction substrates.
- Resists the penetration of external water to improve the weather resistance of rendering systems.
- Quality controlled and factory blended to give a consistently high quality product.
- Easy to apply by hawk and trowel, roller or open hopper spray gun.

Cement Based

Supplied in 25kg bags.
Coverage: 7.5/m² per 25kg bag.

weber PR310



About this product

weber PR310 is an effective method of preparing substrates by reducing suction and providing a colour wash prior to the application of many **Weber** finishes.



- Low viscosity.
- Factory batched for consistency.
- Practical benefits of ease of application, speed, economy and long shelf-life.
- Established track record in varying climatic conditions.
- Will assist in ensuring that the subsequent finishes will have a minimum life of 10 years.

Essentially non-hazardous

Supplied in 10 litre plastic buckets.
Coverage: 0.25 litre/m².

weber CL150



About this product

weber CL150 is a water-based masonry wash containing carefully selected biocides effective against a broad range of bacterial, fungal, algal, yeast and mould species. It is used as a masonry cleaner and steriliser to kill green, black and other organic growths on walls and other masonry, particularly prior to the application of decorative finishes.



- Fast acting.
- Simple application.
- Established track record in varying climatic conditions.
- Untinted versions show no residue after treatment.
- Ready for use.
- 25 litre tinted version for easy identification of coated areas.

Water based (contains biocides)

Supplied in 5 and 25 litre bottles.
Coverage: 0.1 litre/m².

GOOD SITE PRACTICE

By following good site practice issues relating to structural movement, cracking and organic growth can be minimised ensuring a durable, low maintenance finish. It is important to carry out a thorough assessment of the background involved and get organised on-site prior to the application of any render materials. This section details rules to follow to ensure a good finish, minimise time on-site and a happy customer.

The substrate should be constructed of durable and moderately strong materials specifically designed to receive modern renders. They should be clean, suitably dry, sound and free from anything that may interfere with the adhesion, such as oil, grease, organic matters and soluble salts.

Strength

The substrate should be designed and constructed so that it adequately supports and restrains the rendering. The substrate, including any joints in masonry, should be no weaker than the rendering material used.

Suction

Good adhesion of a cement render is greatly reliant on the suction in the substrate. Excessive suction will impair the hydration of the rendering and therefore affect its bond with the substrate. On the other extreme, low suction substrates will not offer sufficient capillary action to gain a good bond.

Key

For the background to give the support it must provide an open or preformed textured surface to allow the render material to penetrate and promote aggregate interlock between the render and the substrate.

Blockwork

Generally a block is manufactured with an open texture or a designed key for rendering. Relying on the raking of mortar joints is not sufficient to provide the key alone.

Smooth dense blocks with little mechanical key should have the key enhanced by an application of **weber.render aid** stipple coat.

The strength and density of the blockwork should be assessed in regard to its compatibility with the proportion of cement content of the chosen rendering. Low density blockwork such as Aerated Autoclaved in some cases may not be compatible with a render mix having a cement:lime:sand ratio stronger than a 1:1:6 for example.

Block manufacturers can advise on the recommended mortar/render strengths for the chosen block. Strength or classification of renders is detailed in the product datasheet which can be found at www.netweber.co.uk.

Concrete

Concrete offers minimal suction and generally insufficient key for the rendering to adhere. The aggregate should be exposed during construction of the concrete, or after the concrete has cured by the use of bush hammering or other suitable mechanical means. Alternatively, the concrete should be coated with a **weber.render aid** to provide key for the subsequent render application. No-fines concrete will provide a satisfactory key. Please note that advice should be sought regarding concrete curing agents that may interfere with the bond of the **weber.render aid** application.

Brickwork

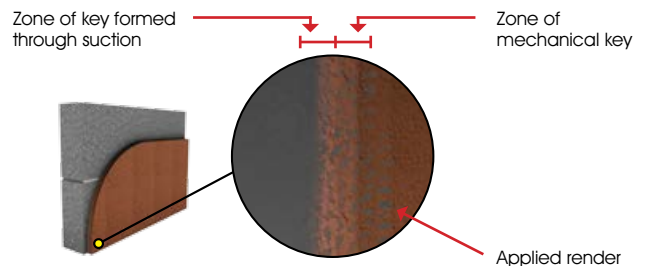
To provide key, new brickwork should be laid with the mortar joint recessed 10-12mm by width and depth squarely.

Existing brickwork will require the joints raking back to the above dimensions. If the joint is too hard, the key should be provided by a stipple coat of **weber.render aid**.

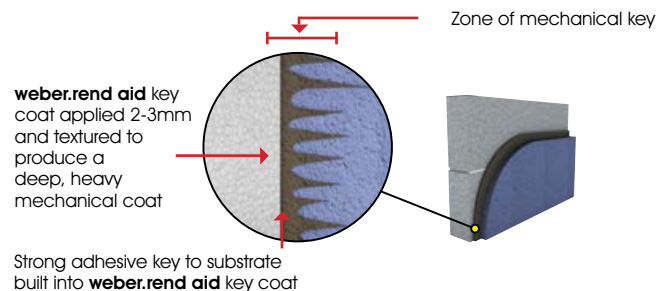
Some common bricks may contain deleterious sulphate salts. If possible, advice should be sought from the brick manufacturer regarding their use as a substrate for rendering in that location, particularly in high exposure or potentially damp areas.

An application of **weber.render aid** will deter sulphates from crystallising and impairing the bond of the render.

Section through substrate with suitable key and suction



Section through substrate requiring mechanical key



Storage of Blockwork

The most common cause of cracking results from the initial drying out of background materials. The BRE publication Understanding Dampness (BR466) states that where a concrete block has moisture content greater than 12% by volume, action is required. This must be reduced below 8% before excess shrinkage will subside. Blocks that are left out uncovered during inclement weather will absorb moisture and exceed 12% moisture. If the moisture content is above 12% the blocks must be allowed to dry before use. To avoid these problems the blocks should be covered with waterproof sheeting when stored on-site.



Mortar Mixes

A significant proportion of masonry contraction is due to the mortar. The effects of this shrinkage and the stresses caused can be reduced by ensuring mortar joints are weaker than the masonry units. Typically a mortar with a cement:lime:sand ratio of 1:1:6 will be suitable. If the strength of the mortar is too strong it will cause large amounts of stress to build and will cause the blocks to crack.



Building Practice

Infilling or coursing with dissimilar materials should be avoided. Different types of blocks expand and contract at different rates creating increased stresses which can cause cracks to develop.



Blockwork should be laid in a regular brick bond pattern and perp joints should not clash.



Protecting the Substrate

Once the blockwork has been built and is awaiting rendering, temporary guttering socks should be used to direct rainfall from areas of the wall. If one area of the wall is allowed to become soaked while the adjacent area is dry, the differential movement will cause stresses to increase and cracks to form.



MOVEMENT CONTROL

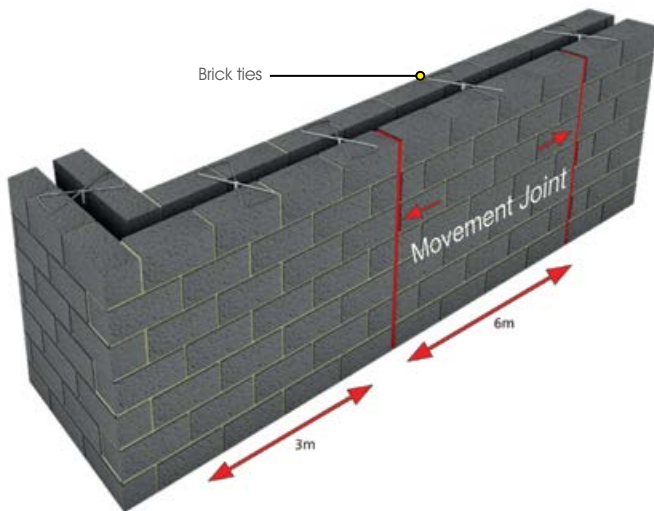
Weber renders are manufactured from carefully selected and graded aggregates to minimise drying shrinkage of the applied render. Providing that good practice, appropriate design and suitable preparation is undertaken, the rendering will be fully bonded to the substrate and restrained from movement by that surface and will not crack. It is therefore most important that stress/crack control is considered prior to construction of the substrate in order to reduce the likelihood of cracking.

When the construction is correctly divided into appropriate panels separated by suitable movement joints, the stresses caused by drying shrinkage and normal building movement will dissipate to the detailed relief joints. Movement joints are not a requirement in the render alone as this is fully bonded to the substrate. They should however, reflect and follow through from the relief joints detailed in the construction.

Movement Joints

Guidance on the placement of movement joints should be gained from the specified block manufacturer and used in conjunction with the BS EN 1996 (EC6) Design of masonry and BS 6093:2006 +A1:2013 Code of Practice for design of joints and jointing in building construction.

The guidance given in these standards is that joints should usually be included at 6m intervals and 3m from corners, however, this will vary depending upon the type of construction and the strength of the brick or block.



Mortar Bedding Joint Reinforcement

The exact spacing of joints can be adjusted by the use of mortar bedding joint reinforcement. The amount and positioning of this reinforcement should be detailed by the block manufacturer. In **Weber's** experience cracking of the substrate can be considerably minimised if mortar bedding joint reinforcement is used, specifically:

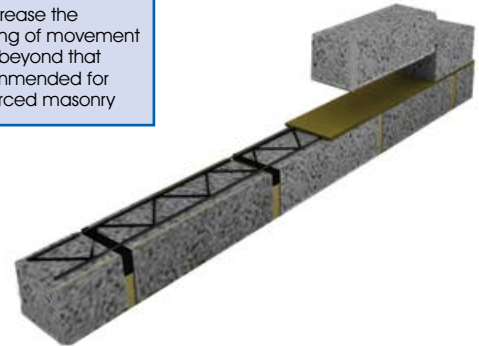
1

At weak points in the construction, such as above and below window and door openings



2

To increase the spacing of movement joints beyond that recommended for reinforced masonry



3

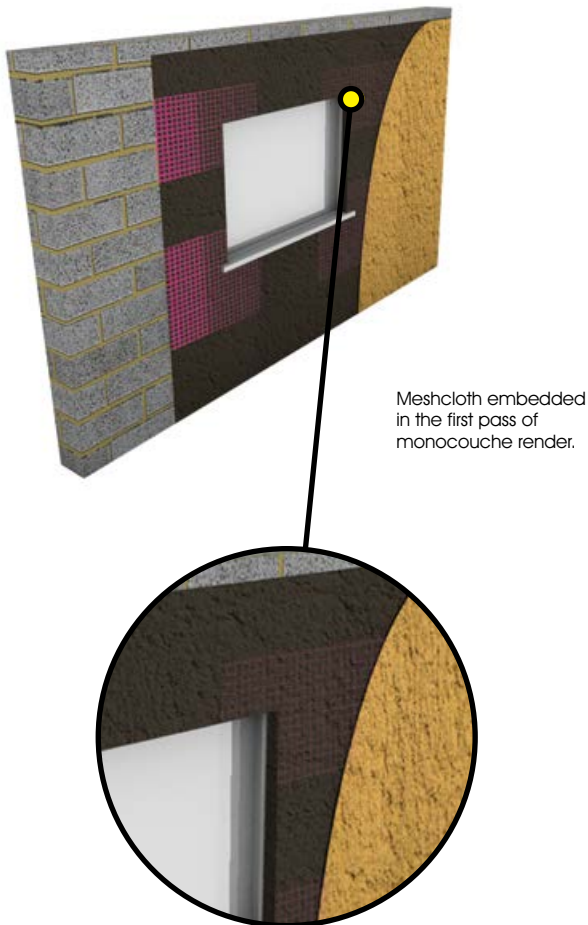
In long panels where movement joints are impractical



Glass Fibre Mesh Reinforcement

The render's ability to distribute and resist stresses can be enhanced by the inclusion of glass fibre reinforcement mesh cloth at positions of localised high stress i.e. at the corners of openings, at junctions of differing materials or around crack inducers such as weep holes.

Straight line cracking that can sometimes be seen in completed render panels is not typical of render failure, but rather the reflection of a crack in the substrate. Stress/crack control must be given serious consideration prior to construction.



To avoid the risk of cracking, it is essential that certain considerations are taken into account when preparing the substrate and during the application of render.

Suction Control

Good porosity of the substrate is essential for the render to achieve a good bond. However, if the substrate is too porous it will not allow the render to hydrate sufficiently and if it is too little there will not be a good bond. If either of these situations occur the following best practice should be followed:

- **Low porosity** – this is particularly the case with concrete or brickwork. **weber.render aid** should be used to provide a controlled level of porosity and a mechanical key.
- **High porosity** – this is particularly the case with low density blocks. The substrate should be lightly sprayed with a fine mist of clean water evenly before the render is applied. Saturation should be avoided as this will cause excessive shrinkage.





Application of render products by machine is a new technology which permits safer and more productive utilisation of skilled personnel on site. Instead of requiring a skilled tradesperson to physically carry or hoist mixed material, modern machinery provides an effective solution by simultaneously mixing and conveying the wet material directly to the designated location. This permits swift spray application to the elevation, thus giving the tradesperson the opportunity to use their levelling and finishing skills to the full.

Sprayed roughcast finishes are made possible only with the machine application approach where panels are applied and finished within hours of starting - truly the fast track method of modern rendering. The UK and Irish market has been very traditional in approach and it has taken many years for a technology that is widely accepted on the continent to be adopted here. The pioneers though have now established the principles and more and more of **Weber's** recommended applicators have made machine application the very core of their businesses.

Advantages

- Self-contained diesel driven or Electric 400 volt.
- Designed for renders and plasters.
- Can pump long distance 20-50 litres a minute (up to 60m dependent on height and material).
- 300-350m² of finished work a week including preparation.
- Batch mixers or continuous mixer.
- Accurate water control.
- Uniform product consistency.
- Material can be used direct from the pallet.
- Easy to clean.

Weber, an international leader in the manufacture and application of innovative and practical solutions for both Façades and Construction, is pleased to outline its comprehensive training programme for Monocouche Renders, External Wall Insulation and Concrete Repair and Construction Mortars.

The Product Training Manager has developed course programmes specifically to address the current needs of the industry. Scheduled courses are run monthly and a series of further in-depth specialist courses can be carried out by arrangement. **Weber** appreciates the importance of training and aims to bridge the skills divide by working closely with applicators and colleges etc.

Monocouche

Aimed primarily at those using monocouche materials for the first time, this course explores the fundamental basics of good rendering practice along with the application and finishing techniques associated with these products. A one day course, it includes both theoretical and practical activity. Practical demonstration of machine application techniques are included as part of the course.

Basic Introduction to External Wall Insulation

Increasingly popular as the technically superior method of achieving ever more stringent insulation requirements, External Wall Insulation (EWI) has a wide range of possible insulants, systems and finishes. This one day course provides an overview of the complete range of render protected EWI systems along with a guidance regarding the basic principles involved.

Further **weber.therm**, system-specific courses are available on arrangement.



PROJECTS



Project: Dettingen Park, Surrey
Client: Barratt (Southern Counties & West London),
 Persimmon Homes, Wimpey Homes
System: **weber.pral M** with ashlar finish



Project: New Housing, Co Down, Ireland
Client: Philip McCullough Developments
System: **weber.pral D**



Project: EASEL Project, Leeds
Client: Affinity Sutton, Leeds City Council
Architect: Ainsley Gomon Architects
Contractor: Bullock Construction Ltd
Applicator: Slimline Building Services
System: **weber.pral M**



Project: Hanham Hall, Gloucestershire
Client: Barratt Homes
Architect: HTA Architects
Applicator: Harbour Render Systems
System: **weber.rend MT**

PROJECTS



Project: Cynon Valley Hospital, Mountain Ash
Client: Cwm Taf NHS Trust
Architect: HLM Architects
Contractor: Vinci Construction UK Ltd
Applicator: Emega Ltd
System: weber.pral M



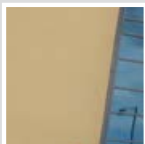
Project: Greenvale Leisure Centre, Northern Ireland
Client: Magherafelt District Council & Pulse Fitness
Architect: W & M Given Architects
Contractor: Heron Brothers
System: weber.pral D



Project: New Homes, St Martin, Looe
Client: Barratt-David Wilson Homes, Exeter
Contractor: Steve Turton Plastering
Applicator: Steve Turton Plastering
System: weber.pral M



Project: Contemporary New Build, Hampshire
Client: Private Client
Architect: A R Design Studios
Contractor: MGS Building & Electrical Contracts Limited
System: weber.rend MT



Saint-Gobain Weber Limited,
Dickens House, Enterprise Way,
Maulden Road, Flitwick,
Bedford MK45 5BY
Telephone: +44 (0) 8703 330070
Fax: +44 (0) 1525 718 988
Email: mail@netweber.co.uk
Website: www.netweber.co.uk

Saint-Gobain Weber Limited,
The Old Paper Mill, Ballyclare,
Co Antrim BT39 9EB
Telephone: +44 (0) 2893 352999
Fax: +44 (0) 2893 323232
Email: mail@netweber.ie
Website: www.weber.ie



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