

Polymer-modified mortars, used together to create a brick-effect finish

weberend RB



About this product

weberend RB is the combination of 2 polymer-modified mortars, used together to create a brick-effect finish, on the **webertherm XM** and **webertherm XP** external wall insulation systems.

Technical data

External wall insulation system – webertherm XM

Insulation board	Reinforcement	Fixing	1st Coat	2nd Coat	Finish
MFS	Meshcloth	Mechanical	weberend LAC	weberend RBB	weberend RBF
EPS			weberend LAC		
PHS PIR		Mechanical or weberend LAC			

External wall insulation system – webertherm XP

Insulation board	Reinforcement	Fixing	1st Coat	Finish
MFS	Meshcloth	Mechanical	webertherm M1	weberend RBF
EPS	Meshcloth	Mechanical	webertherm M1	weberend RBF
PIR	Meshcloth	Mechanical	webertherm M1	weberend RBF

Uses

- To produce a brick-effect finish on the **webertherm XM** and **webertherm XP** external wall insulation systems

Constraints

Cutting out will take place after the face layer has formed a skin, and experience and climatic conditions will dictate the moment at which to commence.

Proceed methodically rather than rushing and making mistakes which will be visible and time consuming to rectify.

Do not cut too early as this will produce torn edges in the joints.

Take particular care at corners.

Keep cutting tools clean.

Ensure the surface is hard enough before removing the scrapings. If too early, there is a risk of damage to the surface.

Features and benefits

- ▲ Provides a cost-effective alternative to bricks
- ▲ Available in a choice of base and face colours
- ▲ Factory batched materials for consistency
- ▲ Supported by comprehensive technical and architectural services
- ▲ Established track record in varying climatic conditions

Colours

weberend RBB (base or 'mortar joint' render) and **weberend RBF** (face or 'brick' render) are available in a range of traditional brick and mortar colours. Specifiers should consult the Colour Chart on www.netweber.co.uk and, whenever possible, obtain samples prior to specification.

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Preparation

All surfaces must be clean, dry and free from anything that may interfere with the bond of the **weberend RBB** render.

Ensure that the **weberend LAC** has been scratched prior to the application of the **weberend RBB**.

Application

Base coat – webertherm XM

Mix **weberend RBB** polymer modified mortar, by adding clean, potable water only, to achieve a workable consistency. Allow to stand 5 – 10 minutes and remix (do not add more water at this stage).

Apply to the **weberend LAC** on the **webertherm XM** EWI system, 7 – 8mm thick and rule to achieve a flat, in-plane surface. Take care not to over-trowel.

Face coat – webertherm XM

Mix **weberend RBF** polymer modified mortar, by adding clean, potable water only, to achieve a workable consistency. Allow to stand 5 – 10 minutes and remix (do not add more water at this stage).

When the **weberend RBB** has 'taken up', apply 2 – 3mm of **weberend RBF** render and immediately lightly texture the surface with a dry soft bristle brush.

Leave to take up, then set out the surface with the chosen brick pattern, taking care not to damage the face coat. Mark out the horizontal lines first.

Cut out the horizontal joints using a spirit level and the **weberend RB** cutter. Do not cut too deep.

Mark and cut out the vertical lines, again taking care not to cut too deep or damage the face coat.

After all joints have been formed, and when the surface is partially cured, (hard but not fully set), remove all traces of cut-out material by brushing with a dry soft bristle brush.

Base coat – webertherm XP

webertherm M1 has been designed for spray application onto External Wall Insulation. Refer to **Weber Render Solutions** handbook for examples of suitable pumps.

Water addition: 4.25 – 5.00 litres/20 kg bag. Clean potable water – no other additives.

Apply a first pass approximately 6 – 7 mm thick. Lay in the meshcloth and when the render begins to take up, apply a further 8 – 9 mm forming a minimum 15 mm monolithic render coat. Rule level and allow to set.

When **webertherm M1** is 'green' (set but not fully hardened) it should be scraped using an I-section scraping tool. It is essential that this is done carefully and evenly, ensuring all laitance is removed and that no part is missed. The finished render thickness should be 13 mm (minimum).

Thoroughly brush down the surface of the scraped finish using a soft bristle brush.

Face coat – webertherm XP

Mix **weberend RBF** polymer modified mortar, by adding clean, potable water only, to achieve a workable consistency. Allow to stand 5 – 10 minutes and remix (do not add more water at this stage).

Apply 2 – 3mm of **weberend RBF** render and immediately lightly texture the surface with a dry soft bristle brush.

Leave to take up, then set out the surface with the chosen brick pattern, taking care not to damage the face coat. Mark out the horizontal lines first.

Cut out the horizontal joints using a spirit level and a suitable cutter. Do not cut too deep.

Mark and cut out the vertical lines, again taking care not to cut too deep or damage the face coat.

After all joints have been formed, and when the surface is partially cured, (hard but not fully set), remove all traces of cut-out material by brushing with a dry soft bristle brush.

When applying **weberend RBF**, particularly darker colours, over large areas it is imperative that work is carried out in similar conditions and with the same methodology. Any minor alterations in the climatic conditions or application method can result in inconsistencies in the colour and appearance of the finished facade. If colour variation is experienced, then an application of **webersil P** will be required to provide a uniform colour.

The effect of lime bloom can be lessened by using only dry tools for finishing.

Good practice

Do not apply:

- If frost is forecast within 24 hours of use
- In damp/wet conditions
- In temperatures below 5°C or above 30°C
- On elevations in direct sunlight or where the substrate is hot

Packaging

weberend RBB is available in 3 ply, 20 kg bags with batch code and description on the side.

weberend RBF is available in 3 ply, 25 kg bags with batch code and description on the side.

Coverage

Use	Nominal thickness	Coverage
Base	7 mm	8.5 kg/m ²
Face	3 mm	5.5 kg/m ²

Storage and shelf life

When stored unopened in a dry place at temperatures above 5°C, shelf life is 12 months from date of manufacture.

Health and safety

Contains cement (Contains chromium (VI). May produce an allergic reaction). Harmful by inhalation. Irritating to eyes and skin. Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical help. After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection.

For further information, please request the Material Safety Data Sheet for this product.

Technical services

Weber's Customer Services Department has a team of experienced advisors available to provide on-site advice both at the specification stage and during application. Detailed specifications can be provided for specific projects or more general works. Site visits and on-site demonstrations can be arranged on request.

Technical helpline
Tel: 08703 330 070
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Sales enquiries

Weber products are distributed throughout the UK through selected stockists and distributors. Please contact the relevant Customer Services Team below for all product orders and enquiries.

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