

Multi-coat render system for difficult substrates

weber.rend IF

interface



About this product

weber.rend IF is a multi-coat render system incorporating breather membrane, expanded metal lath and polymer modified render.

Technical data

Multi coat render systems

First layer	Reinforcement	Fixing	1st Coat	2nd Coat	Finish
Breather membrane	Metal lath – Ferritic stainless	Multipin	weber.rend PUC	weber.rend TTC or weber.rend PTC or weber.rend TTS	Dry-dash or primer, then choose from weber.plast TF weber.plast DF weber.sil TF weber.plast P Scraped texture

Uses

- Provides a suitable background for rendering when existing masonry substrates are unfit for a direct render application

Constraints

Rendering onto metal lath is more prone to cracking than direct application on to a masonry background. It is therefore strongly recommended that the **Weber** fixing requirements be strictly adhered to, and that cognisance is taken of the BRE Information Note No. 5 and also the BS 5262: 27.3 relative to panel sizes when rendering on to metal lath.

Features and benefits

- ▲ Allows previously unsuitable masonry substrates to be rendered
- ▲ Suitable for a wide range of cementitious and synthetic finishes
- ▲ Factory batched materials for consistency
- ▲ Large range of colours available in all finishes
- ▲ Supported by comprehensive technical and architectural services.

Products required

The following products are used in the **weber.rend IF** system. Details on their application can be found on the relevant page of the **Weber render solutions** handbook, or by requesting the appropriate Data Sheet.

Page	Product	Data Sheet	Page	Product	Data Sheet
224	weber CL150	G.012	188	weber.rend TTS	7.507
208	weber.rend stipple	7.203	228	weber PR310	7.400
212	weber.rend PUC	7.503	186	weber.plast TF/DF	7.403
216	weber.rend TUC	7.501	180	weber.sil TF	7.410
214	weber.rend TTC	7.502	182	weber.plast P	7.402
210	weber.rend PTC	7.504			

Materials

Beads, trims and flashings

Render only beads are available in coated galvanised, stainless, coated aluminium or rigid plastic in 3 m and 2.5 m lengths.

Trims and flashings such as oversills and copings, are available in PPC aluminium in 2.5 m lengths or made to order.

Breather membrane

The reinforced composite breather barrier membrane is supplied in 1.5 m x 50 m rolls.

Metal lath

Expanded metal lath is available in the following:

Ferritic stainless steel

Grade	430S
Weight	0.8 kg/m ²
Size	2440 x 1220
Mesh opening	50 x 20 mm

Fixings

Multipin fixings are supplied in boxes of 250 and will be suitable for most masonry substrates. Fixings are specified on a project by project basis and, where necessary, pull-out values are established to ensure the **weber.rend IF** system is securely fixed back to the substrate.

Undercoat

weber.rend PUC is a factory batched cement based mortar.

Top coats

Coloured top coats are available for use as a background for dry-dash, a scraped textured finish, or a smooth float finish for synthetic textured coatings.

Preparation

Existing rendered substrates

Hammer test and remove all areas of loose, 'bossed' render.

Treat surfaces with **weber CL150**, a biocidal wash, to remove any traces of organic growth.

Make good surface using **weber.rend stipple** and **weber.rend PUC** or **weber.rend TUC**

Application

Fix the breather membrane either horizontally or vertically with the multipin sleeves at the centres specified. The membrane must be fitted with the brown paper side to the masonry background. There must be an overlap of 150 mm at all joints. Always refer to the System Specification Sheet or relevant project documentation for any project specific information.

Fix render drip bead to base and other render beads as specified.

Fix the specified lath using the appropriate multipin nails and washers.

Mix and apply the **weber.rend PUC** to the specified thickness. Mix and apply the top coat as directed to achieve the desired finish.

Where **weber.rend TF/DF** or **weber.sil TF** is required, apply **weber PR310** prior to the application of the selected textured coating.

Good practice

Do not apply mineral renders:

- 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

Technical support and advice

During the planning stages of a project, advice should be sought from **Weber** technical staff.

Advice based on technical expertise together with unrivalled practical experience is freely available and covers:

Design: assistance with the selection of the appropriate system, including working details and U-value calculations.

Pre-Contract Documentation: specifications, typical details, method statements.

Contract Documentation: site packages, available through the specialist contractor. These include approved details, specification and site procedures.

Health and safety

While not hazardous in its own right, sheets of expanded metal lathing are awkward to handle and cut edges are very sharp. Care should be taken and gloves worn at all times.

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

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