

A high performance mineral paint

weber.sil P



About this product

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

Technical data

External Wall Insulation systems – weber.therm XP, weber.therm XM and weber.therm XL

Insulation Board	Reinforcement	Fixing	1st Coat	2nd Coat	Finish
weber.therm XP XPS	Ferritic stainless lath	Mechanical	weber.therm L2	N/A	weber.sil P
weber.therm XM MFS	weber mesh standard	Mechanical	weber.rend LAC	<i>Optional</i> weber.rend PTC	weber.sil P
EPS		Mechanical or weber.rend LAC	weber.rend LAC	weber.rend PTC	weber.sil P
PHS PIR					
weber.therm XL MFS	Ferritic stainless lath	Mechanical	weber.rend MFU	weber.rend TTC or weber.rend PTC	weber.sil P
PHS Coated EPS			weber.rend PUC weber.rend TUC or weber.rend PUC		

Render-only systems

Preparation option	Reinforcement option	Fixing	1st Coat	2nd Coat	Finish
weber.rend stipple	Ferritic stainless lath	Mechanical	weber.rend TUC or weber.rend PUC	weber.rend TTC or weber.rend PTC	weber.sil P
weber.rend aid	N/A	N/A	weber.rend OCR	N/A	weber.sil P

Uses

- A high quality mineral paint for new build masonry substrates
- A low-maintenance finish on to external wall insulation
- Rejuvenates existing rendered substrates

Features and benefits

- ▲ Unique combination of high water repellency, high vapour permeability and low VOC
- ▲ Resistant to blistering and peeling
- ▲ Highly hydrophobic – water beading effect (see image insert) helps maintain a clean surface
- ▲ Chemically bonds to masonry substrates due to nanoscale molecular structure
- ▲ Resistant to algae and fungi growth
- ▲ Vapour permeability and UV resistance independently tested
- ▲ UV stable and resistant to acid rain ensures exceptional long-term durability and performance
- ▲ Forms part of a number of approved insulation systems



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Preparation

Existing rendered substrates

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

Treat surfaces with **weber CL150**, a biocidal wash. Refer to data sheet for full instructions.

Wire brush, or wash down surface with a high pressure jet (40 – 80 bar) to remove all traces of growth.

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

New rendered substrates

Ensure new render is fully cured, clean, dry and free from dust.

Application

Note:

To ensure colour consistency, paint required for complete and adjoining panels should be of the same batch number or be thoroughly mixed together before use.

When the surface is dry, apply a first coat of **weber.sil P**, diluted 10 – 15% with clean water, using a wool roller.

Apply a second, undiluted coat when the first coat is dry, normally between 6 and 24 hours.

Stable surfaces with particularly high suction should be primed with **weber PR310**.

To ensure product acceptability, colour samples must be requested. These are freely and readily available from **Weber**.

Spillages stain and are difficult to remove so:

- protect vulnerable areas thoroughly
- wear protective clothing
- clean tools with water.

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.

Where it has been agreed that painting will be carried out as part of a remedial action to harmonise colour on a rendered facade, complete and all adjoining panels must be over coated. The painting of any panels should be carried out at the same time under the same weather conditions.

Exact colour matching of mineral render and paint is not guaranteed. Colour appearance will vary naturally between paint and render as the products are fundamentally different in composition and hence finished appearance.

Colours

weber.sil P is available in a wide range of colours. Specifiers should consult the NCS Colour Chart on the **Weber** website www.netweber.co.uk.

Final colour selection must be made against an actual sample. **Weber** will not accept responsibility for colours chosen from any source other than an actual sample.

Colour samples are freely and readily available from **Weber**.

Packaging

weber.sil P is packaged in 10 litre plastic buckets with batch code and description on the side.

Coverage

Use	Nominal thickness	Coverage
2 coats	N/A	0.25 – 0.5 litre/m ²

Note: This estimate takes no account of wastage and will vary according to the type of substrate. Allowance must be made for extra material required on high suction substrates.

Storage and shelf life

Wet pre-mixed materials must be stored frost-free and protected from direct sunlight and extreme heat.

To prevent ingress of air, buckets should be stacked no more than 2 high, and where a central support is used, to a maximum height of 4.

When stored under these conditions, the shelf life of the product is 12 months from the date of manufacture.

Relevant data sheets

Further Information on the use and application of the various **Weber** materials contained within this data sheet, is available on the following Product Data Sheets.

Product	Data Sheet
weber CL150	G.012
weber.rend stipple	7.203
weber.rend TUC	7.501
weber.rend PUC	7.503
weber PR310	G.014

Health and safety

Essentially non-hazardous.

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: 01525 722137
Fax: 01525 718988

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.

England and Wales

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Fax: 01525 718988

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