

*One-coat, through-coloured
monocouche render*

weber.pral M

monopral cemrend



About this product

weber.pral M is a one-coat, ready-mixed, cementitious, weather resistant, external decorative, through-coloured render, suitable for most types of brick or blockwork. Factory produced from carefully selected raw materials for consistency of product, it only requires the addition of water on site.

The through colour and one coat features allow fast application with shorter programme periods, thereby reducing associated scaffolding and site costs and permitting the completion of ground works at an earlier stage.

Technical data

weber.pral M has been designed for spray application and can be applied up to 28 mm thick in two passes. Manual application is also possible.

weber.pral M has excellent weather resistance and durability, whilst allowing the structure to breathe.

Substrates must have a good mechanical key suitable for rendering. **weber.rend aid** must be used to provide an artificial key on substrates such as smooth concrete.

Uses

- Through-coloured external render
- For application to most suitably prepared brick and blockwork
- **weber.pral M** offers a variety of ways to achieve distinct architectural features.

Features and benefits

- ▲ One coat for fast application and short programme periods
- ▲ Through coloured for low maintenance – decoration not required
- ▲ Quality assured raw materials
- ▲ Factory produced for consistency of proportioning
- ▲ Ready mixed - only water required to be added on site for ease of use
- ▲ Formulated to be spray applied by render pump for faster application
- ▲ BBA approved certificate no. 05/4268



Colours

weber.pral M is available in a range of 12 standard and 24 special colours. Specifiers should consult the Colour Chart on page 22 of the specifiers' handbook **Weber render solutions** and, whenever possible, obtain samples prior to specification.

Preparation

Scaffolding must be independently tied to allow for an uninterrupted application. Any faults in the structure, particularly those which may lead to moisture penetration must be rectified.

To avoid dampness and discolouration rendering should be avoided below DPC and within 150 mm of ground level.

All surfaces must be sound, clean, suitably dry and free of any material which may impair adhesion. The substrate should be suitable for rendering with a designation III mix (1:1:6).

Arrises and feature stops may be formed using clean straight timber battens.

Alternatively, suitable beads may be used but, with a scraped finish, these will be evident and must be accepted as a feature. Please note that scraped renders may, during the scraping process, tend to spall away from the nose of some angle beads. Refer to **Weber's** Technical Department for advice on suitable profiles.

Mask as required. Edging tape must be removed before the material has dried.

Expansion joints should be included as required by the substrate and carried through all applied materials.

Do not apply to gypsum plaster or previously painted surfaces.

Mixing

weber.pral M should be mixed with 5 – 5½ litres of clean water using either a suitable render spray machine, drill and whisk or tumble mixer.

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

For best results, use as little water as possible and mix to give a workable consistency.

Note: **weber.pral M** may stiffen on standing. Re-mix product to regain a workable consistency but do not add any more water.

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) 722110
Fax: (01525) 718988

Application

To maintain colour consistency, panels should be completed in sequence around the building.

Spray roughcast

Depending on the required finished thickness, a first pass is spray applied to a minimum thickness of 10 mm and ruled level. A second texture pass is applied between 1 and 2 hours after the first to form a single monolithic coat with a minimum thickness of 15 mm. Total finished thickness should be between 15 and 25 mm.

Scraped finish

weber.pral M should be applied to the suitable substrate in a one or two-pass operation to a minimum thickness of 18 mm, or to a maximum thickness of 28 mm. (2 – 3 mm will be removed by the scraping process to give a finished thickness of minimum 15 mm, maximum 25 mm.) It should then be ruled level and allowed to harden for between 5 and 16 hours. (Sometimes a longer period may be necessary depending on weather and background conditions.)

When **weber.pral M** is green (set but not fully hardened) it should be scraped with a circular action using a scraping tool. It is essential that this is done carefully and evenly, ensuring all laitance is removed and that no part is missed. Thoroughly brush down the surface of the scraped finish using a soft bristle brush.

Ashlar features

Apply **weber.pral M** in two passes to an initial thickness of between 20 mm and 28 mm to allow for an Ashlar recess from 2 mm deep up to a maximum of 10 mm.

Ensure a minimum of 15 mm thickness is maintained at the base of the recess for sheltered to moderate exposure.

Rule level and spatula flat. When the material is still green, scrape the surface as detailed in the guidance notes for scraped finish.

Immediately after scraping, mark out and cut the Ashlar effect using **Weber** Ashlar tools to produce the desired profile. Thoroughly brush down the surface of the render using a soft bristle brush.

Sales enquiries

Sales, England and Wales

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Sales, Ireland

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weber.pral M will set and gain hardness in a similar manner to conventional renders.

Protection from unfavourable weather conditions should always be provided during application and early age curing.

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

Curing

Curing with a fine spray of clean water may be necessary during rapid drying conditions.

In hot climates, curing as above is essential for 3 – 5 days after application.

Packaging and coverage

weber.pral M is supplied in 25 kg paper sacks.

To achieve a finished thickness of 15 mm, coverage is approximately 25 kg per m².

Note: These estimates take no account of wastage and will vary according to the type of surface involved and method of application.

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. Keep out of the reach of children.

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

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