

weberpral M

Through-coloured, one-coat render

- For application to most suitably prepared brick and blockwork
- Offers a variety of ways to achieve distinct architectural features
- Durable and weather resistant

About this product

weberpral M is a one-coat, ready-mixed, cementitious, weather resistant, external decorative, through-coloured render, suitable for most types of brick or blockwork. The through colour and one coat features allow fast application with shorter programme periods, thereby reducing associated scaffolding and site costs and permitting the earlier completion of ground works.

Features and benefits

- One coat for fast application and short programme periods
- Formulated to be spray applied by render pump for faster application
- Through coloured for low maintenance – decoration not required
- Weather resistant
- Algae resistance
- Can be finished in a number of textures and styles
- BBA approved certificate no. 17/5464

Uses

- Weather resistant, decorative finish for new build or refurbishment projects
- Can produce a range of finishes to decorate and improve the weather resistance for suitable masonry substrates:
 - Scraped
 - Dry dash
 - Sprayed roughcast
- Ashlar and quoin features
- Use for entire elevations, feature panels or smaller areas



ALGAE RESISTANCE



COVERAGE AT 15MM THICKNESS



FOR MANUAL & MACHINE APPLICATION



APPLICATION THICKNESS



ADD WATER



APPLICATION TEMPERATURE



Colours

weberpral M is available in a range of 24 colours. Specifiers should consult the **weberpral M** colour chart and 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 150mm 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

weberpral M should be mixed with 5 - 5½ litres of clean water per bag using either a suitable render spray machine or drill and whisk. 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: **weberpral M** may stiffen on standing. Remix product to regain a workable consistency but do not add any more water.

Application

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

We recommend that beads are fixed using our dedicated adhesive - **weberend bead adhesive**.

This can set up to 4 times faster compared to standard mortar options - setting sufficiently within two hours (at 20°C) to allow rendering to progress.

Sprayed roughcast finish

Depending on the required finished thickness, the initial base coat is applied and ruled level to a minimum of 15mm for light to moderate exposure and 20mm for severe. A second texture pass is applied between 1 and 2 hours after the first to form a single monolithic coat.*

NOTE: the texture coat is not deemed as part of the overall finished thickness due to not being of an even layer.

Scraped Finish

weberpral M should be applied to the suitable substrate in a one or two-pass operation to a minimum thickness of 18mm, or to a maximum thickness of 28mm. (2 - 3mm will be removed by the scraping process to give a finished thickness of minimum 15mm, maximum 25mm.) 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 **weberpral M** is green (set but not fully hardened) the laitance should be removed using an 'I bar' to create a flat even surface followed by the nail float in a circular action to provide an even finish. Thoroughly brush down the surface of the scraped finish using a soft bristle brush.

Dry dash finish

Apply **weberpral M** by render pump or traditional methods in the usual manner. For 15mm render thickness apply an initial pass to a nominal 10mm, rule level. When sufficiently hard but still green (typically between 1 & 16 hours later depending upon climatic conditions and suction provided by the substrate) apply a secondary butter/ dash receiver coat 5mm in thickness.

Please note for a 20mm finished thickness apply a 15mm initial pass, followed by 5mm under the same guidance. Attempting to dash into a full thickness of render, not applied in layers may lead to slumping and loss of the aggregate into the render.

A flowing edge must be maintained to the render which must not be allowed to skin over before the stone is applied.

On completion aggregate should be lightly tamped into the render with a wood or plastic float to ensure that a good bond is obtained. All aggregate should be washed and reasonably dry. The optimum size of aggregate is between 4 - 8mm.

Ashlar features

Apply **weberpral M** in two passes to an initial thickness of between 20mm and 28mm to allow for an Ashlar recess from 2mm deep up to a maximum of 10mm. Ensure a minimum of 15mm thickness is maintained at the base of the recess for sheltered to moderate exposure and a minimum of 20mm for severe. 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 Ashlar tools to produce the desired profile. Thoroughly brush down the surface of the render using a soft bristle brush.

weberpral 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.

Exposure

Note the base pass thickness should reflect the exposure severity; for sheltered and moderate exposure the minimum specified finished thickness is 15mm. For severe exposure, the minimum specified finished thickness is 20mm. Total thickness of render should not exceed 25mm.

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.

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 & coverage

weberpral M is supplied in 25kg paper sacks.

When applied to achieve a finished thickness of 15mm, coverage is 1m² per 25kg bag.

NOTE: These estimates take no account of wastage and may 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 printed on the side of the bag.

Health and safety

For further information, please request the Material Safety Data Sheet for these products.

Technical data

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

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

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

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