

weber.pral M

monocouche (one-coat) render



spray roughcast

MASONRY BACKGROUND

facade systems

A one-coat through coloured cementitious render, in a range of colours, with a spray texture finish.

*weber.pral renders are designed for application on to sound medium density masonry suitable to take a designation III mix (1:1:6) - this should be confirmed by block manufacturer. The nature and condition of the background is a prime consideration in deciding the preparatory treatment prior to the application of **weber.pral M**. Guidance in respect to movement joints and bed joint reinforcement should be obtained from block manufacturer and MUST be adhered to. The recommendations detailed in BS5628 : Part 3 and BS5262 should be observed*

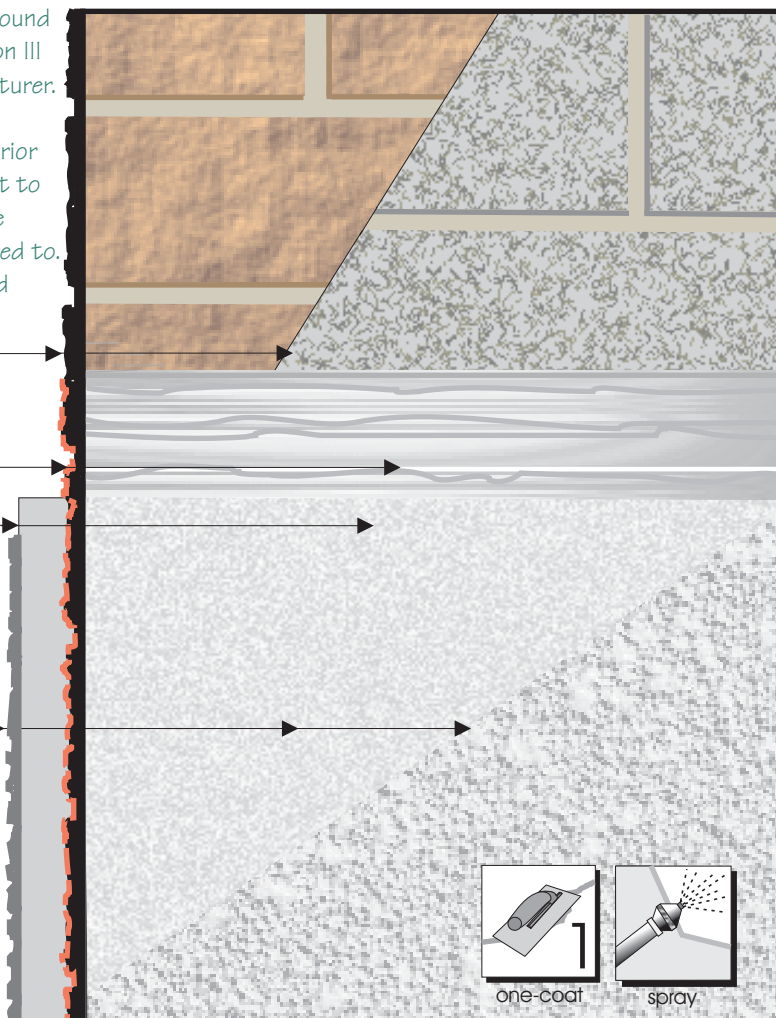
suitable masonry substrate or background prepared for rendering

weber.rend aid key coat mortar - if required to prepare substrate

weber.pral M one-coat render, spray applied to specified thickness

coloured roughcast effect produced by spraying **weber.pral M** as a spatter coat onto green mortar background

In common with traditional renders **weber.pral M** may be subject to lime bloom. The occurrence of this may be reduced by proper protection and by avoiding application in adverse weather conditions, particularly in winter. The effect is not as noticeable on white or paler colours.



SYSTEM SECTION | SYSTEM VIEW



Price Guide for system applied

Issue date

FOR THE DESIGNER....

weber.pral M spray roughcast is a one-coat render, normally applied to a thickness of 15mm-25mm. The finished thickness depends on site exposure - refer to BS5262 for guidance. **weber.pral M** is a through-coloured mortar and is available in a range of colours. In this application the **weber.pral M** is applied using a suitable render spray machine. After the main 'body' of the render has been machine applied to the desired thickness it is ruled off using a straightedge to produce a flat, in-plane surface - then over-sprayed with **weber.pral M** to give the appearance of painted roughcast.

weber.pral M can also be finished - using an overall scrape texture
- using ashlar marking
(see separate information sheets for these and **weber.rend aid**)

FOR THE ESTIMATOR....

Materials and coverages in weber.pral M one-coat through coloured render -	
weber.pral M - 15mm (finished thickness)	- 23 kg/m ² in 25kg bags
allowance for spray coat	- 5 kg/m ²
other products (if specified)	
weber.rend aid key coat (2 - 3mm)	- 4 kg/m ² in 25kg bags
weber.mesh standard	- 50x1m roll (100mm lap)

weber.pral M - spray roughcast

This system is one of a range of comprehensive facade solutions covering external wall insulation, renders and concrete repair manufactured in the UK by **Weber**



FOR THE SPECIFIER an outline specification in NBS format

PROJECT:

SPECIFICATION CLAUSES.

M20 PLASTERED/RENDERED/ROUGHCAST COATINGS.

To be read with Preliminaries/General conditions.

TYPE [S] OF COATINGS.

160 WEBER PROPRIETARY ONE-COAT RENDER:

weber.pral M – spray roughcast finish

- **Location:** To specified wall areas as identified on Architect's drawings or other Contract Documents.
- **Background:** Masonry suitable to take a designation III (1:1:6) mix (should be confirmed by block manufacturer).
- **Preparation:** The nature and condition of the background is a prime consideration in deciding the preparatory treatment prior to the application of **weber.pral M**. Substrate must provide suitable key / suction. Guidance in respect to movement joints and bed joint reinforcement should be obtained from block manufacturer and **MUST** be adhered to. The recommendations detailed in BS5628 : Part 3 and BS5262 should be observed.
- **Render Coat:**
Proprietary reference: **weber.pral M** by **Weber**.
Colour: To be agreed
Thickness: 15-25mm (finished)
Finish: Spray Roughcast (textured).
- **Angles – weber.pral renders:**
Except where specified otherwise, form external angles using clean, straight chamfered timber battens.
- **Accessories:** Render only beads, if required by the system or product, or if specified, shall be of appropriate design, gauge and material as approved by **Weber**. Beads to be located and fixed as detailed on Architect's drawings or System Manufacturer's details (this may involve bedding RO beads in mortar).
Where meshcloth is being incorporated as treatment to areas of potential high stress it shall be **weber.mesh** standard a standard duty, balanced, open weave, glass fibre meshcloth, coated for alkaline resistance, available in 1m x 50m rolls.

FOR THE APPLICATOR an application overview

- **weber.pral M** is a self-coloured cementitious render. It is supplied as a blend of dry powders for one coat application, in one or two passes, by render spray machine or hand tools and requires only the addition of clean water to provide a durable, low maintenance render.
An acceptable finish can be achieved by applicators with competent plastering skills and experience of machine applications that have been given specific product training.
- **Suitable Substrates:** New or Existing sound brickwork, blockwork or concrete suitable to take a designation III (1:1:6) mix. Substrate must provide suitable key / suction and incorporate movement joints and / or bed joint reinforcement as required by the brick / block manufacturer. The recommendations detailed in BS5628 : Part 3 and BS5262 should be observed.
- **Surface Preparation:** Dependant on type of substrate this could involve one or more of the following: -
 - **weber CL150** fungicidal wash to kill moss, algae or unseen spores
 - **weber.rend aid** to control suction or as a key coat to provide mechanical key
 Fit render only base (drip), stop and corner beads, where required, with fixings as approved by **Weber**.
- **Weber** recommend incorporating **weber.mesh** standard (meshcloth) into the first 5mm of render, or into the **weber.rend aid** key coat if being used, to areas of typical stress points in the construction, such as above and below openings, to reduce the risk of substrate cracking reflecting through the render.
- Mix and apply **weber.pral M** to specified thickness (min 10mm). Rule off with a straight edge to produce a flat in-plane surface. Allow to take-up (1 to 2 hours) and over spray with **weber.pral M** to form a single monolithic coat and achieve desired texture. The monolithic coat formed after the over spray must produce a minimum finished thickness of render, at lowest point of texture, of 15 or 20mm dependant on exposure.

General: Pre-bagged mortar must be stored completely dry and used in strict rotation of delivery. Stack tubs of wet mixed products no more than 2 high. Do not apply any formless wet materials in temperatures below 5°C. Do not work in high temperatures when flash setting of materials may occur. Provide adequate protection from frost, high winds and precipitation during application and curing. Apply all materials in accordance with full, detailed printed instructions.

Refer to current '**weber.pral** Site Specification' & relevant Product Data Sheets for further information.

FOR FURTHER INFORMATION contact

weber_pral M - spray roughcast(a)

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