

# weberpral E

## Through-coloured, one-coat render

- For application to suitably prepared masonry substrates
- Offers a variety of ways to achieve distinct architectural features
- Durable and weather resistant

### About this product

**weberpral E** is a one-coat, ready-mixed, cementitious, external decorative, through-coloured render, suitable for most types of brick, blockwork or concrete backgrounds. 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 compared to traditional render materials.

### Features and benefits

- Next generation cement replacement technology - using recycled materials
- Reduced water absorption to enhance the performance in severe locations - can be applied to give a 15mm finished thickness in locations classified as severe exposure
- One coat for fast application and short programme periods
- Through-coloured for low maintenance - decoration not required
- Formulated to be spray applied by render pump for faster application. Can also be hand applied
- Algae resistance
- Can contribute to the weather resistance of an external masonry wall
- Offers a variety of ways to achieve distinct architectural features

### Colours

- **weberpral E** is available in a range of 5 key colours, Chalk, Silver Pearl, Cream, Ivory and Stone Grey
- Specifiers should consult the **weberpral E** colour chart and, whenever possible, obtain samples prior to specification



### 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
  - Sprayed roughcast
  - Dry dash
  - Ashlar and quoin features



## 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. Arises 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. To avoid this, maintain a minimum finished thickness of 5mm at the bead profile. 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. Substrate to be free of any previous coatings or impurities. The use of **weberend aid** will provide an artificial key on substrates such as a smooth concrete.

## Mixing

**weberpral E** 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 on the same elevation should be of the same batch date 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 E** 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 sequence around the building. We recommend that any render 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.

## Roughcast finish

Depending on the required finished thickness, a first pass is spray applied to a minimum thickness of 15mm and ruled level. 1 to 16 hours later (depending on the time of year and climatic conditions), a second texture pass is applied to achieve the desired aesthetic finish to form a single monolithic coat.

## Scraped finish

**weberpral E** 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 E** is green (set but not fully hardened), the laitance should be removed using of an 'l 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. Ensure the brush is kept clean.

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.

## Dry dash finish

Apply **weberpral E** 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 to 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 sufficient thickness to receive the dry dash aggregate selected (typically a minimum of 5mm).

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. All aggregate should be washed and reasonably dry. The optimum size of aggregate is between 4-8mm.

## Ashlar features

Apply **weberpral E** 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 severe 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 Ashlar tools to produce the desired profile. Thoroughly brush down the surface of the render using a soft bristle brush. **weberpral E** 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, moderate and severe exposure the minimum specified finished thickness is 15mm. Total thickness of render should not exceed 25mm.

### Constraints

Do not apply

- If frost is forecast within 24 hours of use
- On thawing masonry
- 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

**weberpral E** is packaged in 3-ply 25kg bags

### Coverage

When applied to achieve a finished thickness of 15mm, coverage is 1m<sup>2</sup> per 25kg bag.

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 the 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.

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