

# MONOCOUCHE RENDER

CEMENT-BASED EXTERNAL THROUGH COLORED RENDER

## DECORATIVE PAINTS & COATINGS



### Description

**Monocouche Render** is a one coat, ready mixed, cementitious, weather resistant, external decorative finish suitable for most types of brick or blockwork. The through color and one coat features allow fast application, thereby reducing associated scaffolding and site costs and permitting the completion of ground works at an earlier stage.

### Recommended For

Rendering facades made of blockwork or brickwork. It also gives uniformity to new jobs performed on concrete, brickwork, etc. It is also used for restoring purposes so as to replace paints and plastic renders.

### Key Features

- Reduced dirt pick-up
- Algae resistant
- Excellent Adherence
- Weatherproof
- One coat for fast application and short program periods
- Through colored for low maintenance
- Ready mixed - only water required to be added on site for ease of use

### Physical Properties

Water Absorption	26 ± 3%
Bulk Density	1.230 ± 0.05 g/ml.
Spreading Rate	Approximately 0.08 m <sup>2</sup> /kg/coat – 2 coats required
Wet Density	1.750 ± 0.05 g/ml.
Dry Density	1.650 ± 0.05 g/ml.
Water Retention	>97%
Capillarity Adherence	> 2.5 kg/cm <sup>2</sup>
Compressive Resistance	> 90 kg/cm <sup>2</sup>
Flexural Strength Resistance	> 35 kg/cm <sup>2</sup>
Colors	3 colors available: white, off white and grey
Mixing	Add 26% of the powder render weight in water
Open Time	45 to 60 minutes.

### Surface Preparation

All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or any other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material.

New plaster or masonry surfaces must be allowed to cure (28 days) before applying base coat. Cured plaster should be hard, have a slight sheen and maximum pH of 10; soft, porous or powdery plaster indicates improper cure. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds.

**CAUTION:** Scraping or sanding surfaces of older buildings may release dust containing lead or asbestos. **EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH.** Always wear appropriate personal protective equipment during surface preparation and finish clean-up of any residues by water-washing all surfaces.

### Application Conditions

Do not apply at temperatures below 5 °C or above 30°C, in damp/wet conditions, on elevations in direct sunlight or where the substrate is hot.

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## Application Method

### Recommendations

- 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 discoloration rendering should be avoided below DPC and within 150 mm of ground level.
- Arises and feature stops may be formed using clean straight timber battens.
- 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

- Add the equivalent of 26% of the powder render weight in water
- Mix thoroughly using a concrete mixer.
- Mix from 5 up to 8 minutes.

### Application

- Apply the fresh mortar using a trowel or with a projection machine by leaving at least 10 mm thick coating or an average thickness of 15 mm.

## Pack Size

Bag: 25 Kg

## Shelf Life

24 months from the date of production.

## Storage and Handling

Care should be taken to avoid spillage. Store in a dry area. Protect from freezing. Extreme temperatures may cause paint to become unusable. For example: freezing and thawing may cause paint to gel, and high heat may cause solid skin to form.

## Safety

Use under well ventilated conditions. Do not breathe or inhale spray mist or sanding dust. Avoid skin contact; spillage on the skin should immediately be removed with suitable cleanser, soap and water. In case of eye contact, flush immediately with water for at least 15 minutes and seek medical attention immediately. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

## Cleaning

Remove as much leftover product as possible from the application equipment before cleaning. Clean equipment immediately after use with warm soapy water and rinse thoroughly. Do not empty product into drains or watercourses.

## Technical Assistance

Available through your local COLORTEK® Design Center or through your COLORTEK PAINTS® authorized distributor. For the location of the retailer nearest you, email us at [info@colortek.eu](mailto:info@colortek.eu) or check our website [www.colortek.eu](http://www.colortek.eu).

## Disclaimer

Product batches are subject to stringent quality control checks in conformity with ISO 9001:2008, Certificate CH12/1128.

The information submitted in this manual is correct to the best of our knowledge & experience. No liability whatsoever can be accepted on the basis of the information supplied herein.