

EWI-265

One Coat Render (OCR)

EWI-265 One Coat Render (OCR) is a one-coat, cement-lime render solution. The render is designed to be applied in one pass before a decorative paint finish or a thin coat render is applied on top. OCR is great for use with spray machines, as it is very easy to process; it comes as a dry-mix in 25kg bags, so requires the addition of water prior to application. The product ensures a quality, long-lasting finish that will guarantee customer satisfaction.

Intended Uses.

OCR is intended for use on external surfaces to create a cement-lime render finish. The product is ideally applied using a spray machine onto brickwork, blockwork, concrete/reinforced concrete, autoclaved aerated concrete and silicate blocks.



Technical Specification

Composition

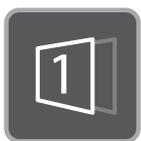
Portland cement, hydrated lime, quartz aggregate, refining agents.

Granulation

0-1.25mm

Dry-mix Consumption

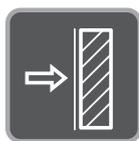
Approx. 1.3 kg/m² per 1 mm of grout thickness



ONE COAT
APPLICATION



SUITABLE FOR SPRAY
APPLICATION



GOOD
ADHESION



WATER
RESISTANT



FROST
RESISTANT

Directions for use.

Substrate Preparation

If the original substrate does not have a good mechanical key for rendering onto, an artificial key must be created prior to application. To help prepare the substrate we recommend using the EWI-310 Universal Primer. A one coat application of primer will be enough to prepare an abrasive surface for the render to key onto. OCR must be applied to even substrates that are clean and free of debris and dust. To level an uneven surface, we recommend using the EWI-269 Lightweight Basecoat, embedding a layer of Fibreglass Mesh within it to ensure flexibility.

Product Preparation

A 25kg bag of EWI-265 should be mixed with 5.5 litres of clean, potable water – no other materials should be added. You should then mix OCR with either a mechanical mixer or manually with a paddle mixer for around 5 minutes until it is the correct consistency for application and to allow for the dispersion of binders and additives. Do not over-mix or over-trowel, as this will reduce the adhesive properties of the material and will therefore reduce its effectiveness.

Application

EWI-265 should be applied to an even, clean substrate using a spray machine or a trowel at a thickness ranging from 5-15mm. OCR should be applied in an even layer across the substrate, and then smoothed out using a stainless-steel trowel. A layer of Fibreglass Mesh should be embedded within the render to ensure strength and crack resistance; each strip of mesh should overlap its neighbouring strips by 10cm. Once the render has started to set, it can be finished off using a sponge or plastic float to achieve the desired surface texture.

Works must be protected against rain, snow, strong winds and direct sunlight during both the application and drying periods. Once set, the render can be painted using the EWI-005 Silicone Paint, or a breathable thin coat render such as the EWI-075 Silicone Render can be applied on top to achieve a textured, through-coloured finish.

Application Conditions

Substrate primer
EWI-310
Application and setting temperature (air, substrate, materials):
from +5°C to +25°C
Water mix proportions
approx. 5.5 l of water per 25 kg of dry mix
Time to use after mixing with water
3 hours (at +20°C)
Layer thickness (min-max)
5mm-20mm

Packaging

25 kg bags.

Storage

Shelf life: up to 12 months from the date of manufacture.
Keep dry and in the original undamaged packaging.

Safety Measures

Alkaline pH after mixing with water. Avoid contact with skin. Wear eye protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Clean-up

Wash tools immediately with clean water.