

Base Coat With Excellent Water Resistance, Breathability & Adhesion

ecorend OCR One Coat Base is a cement-based product, which is British Board of Agrément approved. A high-performance, W2 water repellent, versatile base coat that can be used as a scratch base coat ready to receive a through coloured render, or as a flat finish ready to receive a thin coat render. The product utilises our cutting-edge trowel technology which makes the product easy to apply by hand or by spray, in one coat.

Approvals and Certificates

BBA approved system 18/5592 & EN-998-1:2016

Technical Data

Pack Size	25kg Bag waterproof packaging
Application Tool	Stainless Steel Trowel, 6mm Notched Trowel, Sponge Float
Pot Life	1 hour+
Water Demand	Approx. 4 to 4.5ltr per 25kg bag
Ready to Finish	2 to 8 hours @ +3°C to 25°C
Humidity Requirement	Less than 95%
Coverage	Approx. 1.7kg per mm / per m ²
Application Temperature	+3°C to 25°C

Approved Substrates

Approved Substrates	Not Approved Substrates
New Concrete Block	Timber
Smooth Brick	Metal
Rough Brick	Glass
Hacked Off Render	Below DPC
	Flat Surfaces
	Existing Render
	Insulation
	Render Carrier Board

UK CA Declaration of Performance

UK CA	Wetherby Laroc Group Dalton Industrial Estate, Dalton, North Yorkshire YO7 3HE 14	
	ecorend OCR One Coat Base GP: General purpose rendering/plastering mortar EN 998-1:2010	
Reaction to fire	Class A1	
Dry bulk density	1750 kg/m ³	
Compressive strength	CS IV	
Adhesion	≥ 0.4 N/mm ² , (FP) B	
Capillary water absorption	W2	



Excellent Adhesion



Breathable



Water Repellent



Highly Polymer Modified



PREPARATION

All surfaces must be sound, clean, dry and free of any material which may impair adhesion. Do not apply to shiny surfaces. Scaffolding must be independently tied to allow for uninterrupted application. Any faults in the structure, particularly those which may lead to moisture penetration, must be rectified. Mask around the areas where material is to be applied. Masking tape must be removed before the material has dried out. Beads and expansion joints should be included as required by the substrate and BS standards and carried through all applied materials.

Specifications for mixed or unusual substrates are available on request.

PRIMING

For highly absorbent or dusty surfaces use ecorend S10 or G10 Bonding Primer.

MIXING

ecorend OCR One Coat Base should be mixed with clean water at a rate of approximately 4 to 4.5 litres per 25kg bag using a suitable high speed paddle mixer. Mix for 2 minutes, allow to stand for 2 minutes then re-mix. This process allows the additives to dissolve and activate, add more water if required to achieve optimum application consistency.

APPLICATION

To avoid dampness and discolouration, rendering should be avoided below DPC or within 150mm of ground level.

ecorend OCR One Coat Base should be applied in a one-coat 2 pass operation to a thickness of 8,10 or 15mm.

8mm Scratch Coat – Ready to receive through coloured render

The 1st pass should be applied to the substrate with a stainless steel trowel or spray pump, and for ease of application a serrated feather edge and finishing spatula will help. Apply the 1st pass to approx. 4mm thick with fibre-reinforcing mesh included in the 1st pass, ensuring that the mesh is overlapped 100mm at the mesh joints. Additional fibre-reinforcing mesh stress patches of 500 x 500mm should be added at all openings i.e. windows and doors, and also window reveals for additional substrate stress protection. The 2nd pass should then be applied to approx. 4mm thick wet-on-wet to the 1st pass and should then be brush key finished with a stiff brush and allowed to set.

Total thickness = 8mm

10mm Flat Finish - Ready to receive a thin coat render

The 1st pass should be applied to the substrate with a stainless steel trowel or spray pump, and for ease of application a serrated feather edge and finishing spatula will help. Apply the 1st pass to approx. 5mm thick with fibre-reinforcing mesh included in the 1st pass, ensuring that the mesh is overlapped 100mm at the mesh joints. Additional fibre-reinforcing mesh stress patches of 500 x 500mm should be added at all openings i.e. windows and doors, and also window reveals for additional substrate stress protection. The 2nd pass should then be applied to approx. 5mm thick wet-on-wet to the 1st pass, levelled flat and should be left to pick up for 2 to 8 hours and then be wet sponge float finished flat and allowed to set.

Total thickness = 10mm

15mm Flat Finish - Ready to receive masonry paint

The 1st pass should be applied to the substrate with a stainless steel trowel or spray pump, and for ease of application a serrated feather edge and finishing spatula will help. Apply the 1st pass, to approx. 8mm thick with fibre-reinforcing mesh included in the 1st pass ensuring that the mesh is overlapped 100mm at the mesh joints. Additional fibre-reinforcing mesh stress patches of 500 x 500mm should be added at all openings i.e. windows and doors, and also window reveals for additional substrate

stress protection. The 2nd pass should then be applied to approx. 7mm thick wet-on-wet to the 1st pass, levelled flat and should be left to pick up for 2 to 8 hours and then be wet sponge float finished flat and allowed to set.

Total thickness = 15mm

Specification Clauses relating to this product can be found in NBS Section M20 Rendering. BS 5262 Code of Practice for External Rendering and BS 8000-10 must be followed.

Note: ecorend OCR One Coat Base may stiffen on standing. Re-mix the product to regain a workable consistency but do not add any more water.

STORAGE

When stored unopened shelf life is 18 months from date of manufacture.

TOOL CLEANING

All equipment must be washed with clean water immediately after use. Waste material should not be emptied into drainage systems.

HEALTH & SAFETY INSTRUCTIONS

For further information, please request the material safety data sheet for this product.

IMPORTANT INFORMATION

The weather conditions for application and drying are critical. Do not apply if any of the following conditions are likely to arise during - or in the first 24 hours following application:

- If frost is forecast, or in wet conditions
- When Relative Humidity is above 95%
- In temperatures below +3°C or above +25°C
- If the elevation is in direct sunlight
- If the substrate is hot (at or above +30°C) or below +3°C

Coverage rates are approx. and do not take into account wastage and uneven substrates.

The render must be protected against heavy rain, direct sun or wind in the first 24 hours after application. Sheeting the façade or the scaffold is advised to protect against this.

For this particular product, if these parameters are not met, the product is at risk of, efflorescence, colour variation, cracking and potential failure.

It is the responsibility of the application contractor to manage and record the weather conditions during application and curing of the product.

To the best of our knowledge and belief, this information is true and accurate. However, as conditions of use of the product and the expertise of any labour involved are beyond our control, the end user must satisfy themselves by prior testing that the product is suitable for their specific application if no spec has been provided for the project in hand. No responsibility can be accepted, nor any warranty given by our Representatives, Agents or Distributors. Products are sold subject to our Standard Conditions of Sale and the end user should ensure that they have consulted our latest literature.