

K11

Key Coat Base



An Effective Key Coat Base Layer For Multiple Substrates

ecorend K11 Key Coat Base is a cement-based fibre reinforced ultra-high-performance primer base coat that is highly polymer modified to offer the ultimate adhesion for multiple substrates. With W2 weatherproofing performance it is also highly breathable and utilises our cutting-edge trowel technology which makes the product easy to apply by hand or by spray.

Approvals and Certificates

MOAT 22 & EN-998-1:2016

Technical Data

Pack Size	25kg Bag waterproof packaging
Application Tool	Stainless Steel Trowel, 6mm Notched Trowel
Water Demand	Approx. 4.5 to 6ltr per 25kg bag
Pot Life	1 Hour+
Humidity Requirement	Less than 95%
Coverage	Approx. 1.6kg per mm/per m ²
Application Temperature	+3°C to 25°C



Excellent Adhesion



Highly Breathable



Water Repellent



Highly Polymer Modified

Approved Substrates

Approved Substrates
New Concrete Block
Smooth Brick
Rough Brick
Hacked Off Render
Lightweight Block
Existing Render (pinned)

Not Approved Substrates

Timber
Metal
Glass
Below DPC
Flat Surfaces
Insulation
Render carrier board

UK CA Declaration of Performance

	Wetherby Laroc Group Dalton Industrial Estate, Dalton, North Yorkshire YO7 3HE 14	
	ecorend K11 Key Coat Base GP: General purpose rendering/plastering mortar BS EN 998-1:2016	
Reaction to fire	Class A1	
Dry bulk density	1650 kg/m ³	
Compressive strength	CS IV	
Adhesion	≥ 1.0 N/mm ² , (FP) B	
Capillary water absorption	W2	

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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.

MIXING

ecorend K11 Key Coat Base should be mixed with clean water at a rate of approximately 4.5 to 6 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.

Apply a 1st coat ecorend K11 Key Coat Base then trowel down with 6mm notch trowel, lightly embed fibre-reinforcing mesh vertically top to bottom into the 1st pass, ensuring that the mesh is overlapped a minimum 100mm at the mesh joints then add 500 x 500 mm additional fibre mesh reinforcing patches at stress points around windows and door openings etc. Apply a 2nd coat of ecorend K11 Key Coat Base at 2mm, level and lightly key in preparation to receive finish coat.

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.

TOOL CLEANING

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

STORAGE

18 months from date of manufacture.

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.