

W2

Waterproofing Bonding Coat

Waterproof Barrier & Flexible Key For Masonry Substrates

ecorend W2 Waterproofing Bonding Coat is a technologically advanced 2-part styrene acrylic copolymer and cement-based primer system. Specifically designed for use on masonry and concrete substrates to provide a highly waterproof barrier and flexible key prior to the application of a cement base coat, in preparation for through coloured render or ecorend QR1 Quartz Render.

Apply to areas that are susceptible to dampness and efflorescence. ecorend W2 Waterproofing Bonding Coat is particularly effective in areas that may have the risk of water ingress from behind the render, for example retaining walls.

Approvals and Certificates

Tested to ETAG 004 & BS EN 14891:2012

Approved Substrates

Approved Substrates
New Concrete Block
Smooth Brick
Rough Brick
Hacked Off Render
Lightweight Block
Existing Render
Pre-cast Concrete

Technical Data

Pack Size	20kg Bucket (2-part system)
Application Tool	Trowel or Brush
Pot Life	1 Hour +
Humidity Requirement	Less than 95%
Coverage	Approx. 2.4 to 3.6kg per m ²
Application Temperature	+5°C to 25°C



Excellent Adhesion



Ultra Waterproofing



Highly Flexible



Trowel or Brush Application

UK CA Declaration of Performance

UK CA	Wetherby Laroc Group Dalton Industrial Estate, Dalton, North Yorkshire YO7 3HE 14	
	ecorend W2 Waterproofing Bonding Coat	
CM: Cementitious liquid-applied water impermeable products : BS EN 14891:2012		
Dry bulk density	1520 kg/m ³	
Tensile Adhesion Bond strength	Standard - 1.34 N/mm ² , (CF) A Wet - 1.03 N/mm ² , (CF) A Heat - 1.88 N/mm ² , (CF) A	
Water Impermeability (Water consumed (ml))	0	

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 W2 Waterproofing Bonding Coat is a two-part system and Part A (powder) should be mixed with Part B (liquid) in the supplied bucket. Mixing fully to a smooth consistency using a paddle mixer. Mix for 2 minutes, allow to stand for 2 minutes then re-mix. This process allows the additives to dissolve and activate. Do not add additional water to the system.

APPLICATION

Dampen down any previously completed repairs by misting with clean water immediately before applying ecorend W2 Waterproofing Bonding Coat. Apply by using a trowel and hawk or by brush.

The first coat is applied at approx. 1mm to 2mm and allowed to dry but not cure. The second coat of 1mm to 2mm is then applied directly to the first coat ensuring a full barrier is created.

Ensure all the surface area is covered completely by W2 Waterproofing Bonding Coat. In some circumstances, a third coat may be required.

Minimum thickness of 2mm of ecorend W2 Waterproof Bonding Coat is required.

The surface should be left keyed with a brush or stippled to receive the required base 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

When stored unopened in a dry place at temperatures above 5°C, shelf life is 12 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 +5°C or above +25°C
- If the elevation is in direct sunlight
- If the substrate is hot (at or above +30°C) or below +5°C

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

The ecorend waterproofing bonding coat must be protected against heavy rain, frost, 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.

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.

This product contains CMIT/MIT as a biocidal product for in-can preservation and protection of the cured product. Contains 1,2-Benzisothiazolin-3-one and a mixture of: 5-chloro-2-methyl-2h-isothiazol-3-one and 2-methyl-2h-isothiazol-3-one. May produce an allergic reaction. For further information, please request the material safety data sheet for this product.
Keep out of reach of children