



The Secil Becork Lime render system is a hydraulic lime based insulating render, produced with an expanded cork granule, which provides excellent thermal performance whilst retaining high vapour permeability. Becork is suitable for internal and external use.

This system offers a fantastic option for improving thermal performance where our other Wall Insulation Systems would not be appropriate. Insulating renders maintain the character of uneven rubble masonry

Please note Secil have recently updated their application guidance, the BeCork Lime render now requires an intermediate coat of the Isovit Lime before applying the Reabilita Cal AC Finish.

Plaster Build-up

1. Masonry Wall
2. Reabilita Cal CS - Consolidation and key coat
3. Becork Lime - Insulating render
4. Isovit Lime - preparation and reinforcing layer
5. Render Mesh
6. Reabilita Cal AC - Finishing render
7. Breathable paints (Internal or External)

<https://www.lime.org.uk/becork-lime-ecocork.html>

DESCRIPTION	+
APPLICATION ADVICE	—
Masonry consolidation - Any large voids or repointing required should be completed with an appropriate lime mortar and masonry before applying the render system. - The Reabilita Cal CS is applied in a 2-3mm thick, thrown/harled coat to provide appropriate key and to equalise the suction of the suction of the background before the insulating render is applied.	
Insulating render BeCork Lime should be applied in coats of 20mm thick, up to 40mm thick. When applying multiple coats they should be of similar thickness, the second coat should be applied when the first coat has set but still retains some moisture. - Where possible, walls should be completed in a single day to minimise joints, any day joints must be finished continued a maximum period of 12 hours. - The BeCork Lime should have reinforcement (render mesh) applied to high risk areas such as changes in substrate, door and window reveals etc. - For large facades inclusion of expansion joints is recommended especially on south facing walls. - For external applications the bottom edge of the insulating render must be protected and should not come into contact with the ground. For example using a base rail which allows for a drip edge detail to support the bottom edge of the render, this also applies to the heads of window and door reveals.	
Preparation and reinforcing layer Isovit Lime is applied with a 8-10mm notched trowel to the BeCork Lime, a render mesh is gently pressed into the surface preserving the ridges formed by the notched trowel. This application is important to ensure the proper spacing of the mesh from the insulating plaster. - Under no circumstances should the mesh be fixed to the plaster before plastering. The render mesh should be overlapped by 100mm at each edge. - After the first layer of Isovit begins to harden (6-24 hours), a second coat of the Isovit Lime is applied to infill the ridged formed by the notched trowel and to cover the render mesh. Overall the thickness of Isovit Lime should be approximately 6mm thick with the render mesh embedded in the center of the plaster. The surface must be flat and even with a consistent surface texture across the whole wall. This levelling coat must be allowed to cure for 14 days prior to applying the top coat and must not be exposed to weather.	
Finish coat - The Reabilita Cal AC is applied in 2 passes for a total of 3mm, the second pass being applied after the first has started to harden (several hours) and then finished within the same day. The Reabilita Cal AC can be finished with a float, a steel trowel or a sponge depending on the desired surface finish. - It is recommended to work in sections with natural breaks (ie an internal or external corner) in order to minimise the presence of working joints. - After a drying time of at least 14 days the render can be finished with a suitable breathable paint such as the Beecks Renosil. - External corners should be reinforced with an appropriate plastic render bead to reinforce the render.	
SUITABLE FOR & COVERAGE RATE	+
BENEFIT	+
AVAILABLE IN	+