



Secil EcoCork Insulating Plaster

Available in Ireland from:

**STONEWARE
STUDIOS**

- ✓ **Lower fuel bills**
- ✓ **Cost effective**
- ✓ **Better thermal performance**
- ✓ **Better acoustic performance**
- ✓ **Reduced condensation**
- ✓ **Lime based, no cement**
- ✓ **Speedier application**
- ✓ **Cheaper to transport**
- ✓ **Easier to mix and apply**
- ✓ **Lightweight**

Instructions on Application of EcoCork insulating plaster:

- Like most Lime Renders and Plasters, apply only when the temperature is over 5 degrees and likely to rise. If using outside, be sure that the newly applied render is protected from all of the weather's worst excesses such as rain, drying winds, strong sun and of course frost. Our friendly technical team are on hand to help with any issues that you may be unsure of. Call 024-90117 or email the office mail@stonewarestudios.com before starting work, if there is any doubt.
- Remove all previous render or paint and carry out any remedial works as required, such as replacing rotten lintels, repairing cracks and dealing with any structural issues that may be evident. Wooden lintels can be counter battened and lathed with haired lime mortar applied.

- Fibre glass mesh may be applied across areas of different substrate material or any other areas that are thought to be a potential source of movement cracks. The mesh can also be a good option across the whole project if required.
- Once any necessary repairs are carried out, damp the wall to control suction and to allow a good bond. Mix the Secil Consolidation mortar into a wet mix suitable for hand harling/scudding. For larger projects, it may be helpful to set a rotary drum mixer running and leave to mix for 10 minutes or more. The mix can then be transferred into a bucket, more water added and then whisked with a plastering whisk/paddle. It is faster and a better bond if a harling trowel is used for application. The scud coat bonds better to a substrate than a drier scratch coat would. It also controls and evens out suction, consolidates friable surfaces and provides a very good key for the EcoCORK. Don't be tempted to use a tyrolean applicator for this purpose as the mortar won't consolidate as well. Aim for an average of about 3mm thickness.
- After 24-48 hours the scud should be ready for the EcoCORK. This can be 1 or 2 coats, each 10-20mm thick, depending on the overall thickness required. Place 3 x 14kg Bags of EcoCORK into a mixer with water for at least 15 minutes and then load it into a wheelbarrow. Leave for c.1 hour. Whisk the EcoCORK for a couple of minutes immediately before application.
- Work a SecilVit mesh into the surface of the first coat across any potential stress points such as the junctions of differing materials. After a further 24-48 hours apply a second coat of 10-20mm of EcoCork if required. The total of all coats of EcoCORK shouldn't exceed 40mm. Float the final coat to compress the EcoCORK and provide a surface texture suitable for the finishing coat.
- After 3-4 days and once the EcoCORK has stiffened, apply a single 3mm coat of Secil Finishing Mortar. Two coats of 1.5mm each can be applied if preferred. This can be finished with a trowel and/or sponge to create the desired finish. If applied internally, there are extra options e.g. Apply a first coat of Secil Finishing Mortar and lightly sponge to get a textured surface suitable for a 'Setting Stuff' lime putty plaster finish, which may be applied in the usual way.
- It is very important to select the correct paint to decorate a solid wall building, a vapour permeable paint must be used. Stoneware Studios Lime-wash may be applied at 4-5 coats with at least one day between coats, starting a week after the rendering or plastering. Alternatively, the Earthborn silicate masonry paint system should be applied, but only

after allowing the render to cure for 30 days or more. If applied internally, there are many more paint options available, the best of which is Earthborn Claypaint. Contact Stoneware Studios technical team for guidance 024 -90117.

Guide to materials required:

Secil Consolidation mortar
25kg bag 5.2m²/3mm
First coat

Secil EcoCORK
14kg bag 1m²/20mm
K value= 0.1 W/m.K

SecilVit 160gm mesh
50m x 1m roll
For stress areas or all over

Secil Finishing render
25kg bag = 5.2m²@3mm
For final coat



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