

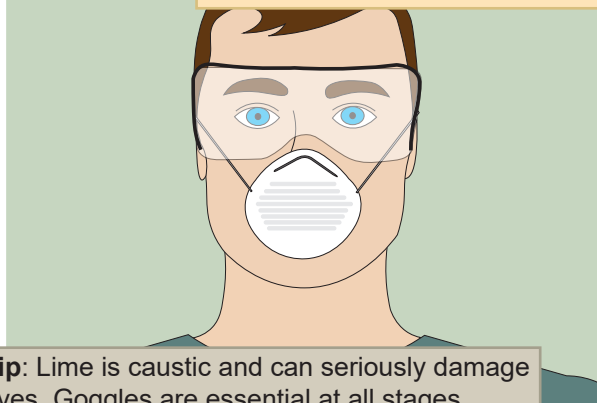


Woodfibre External Wall Insulation- Quick Application Guide

TO BE READ IN CONJUNCTION WITH FULL APPLICATION GUIDE, MATERIAL TECHNICAL DATA SHEETS AND MATERIAL SAFETY DATA SHEETS WHERE APPLICABLE - See www.lime.org.uk for all TDS & MSDS.

1 Preparation

IMPORTANT: Protect your eyes with safety glasses (ones with sides) and keep eyewash close to hand!



Tip: Lime is caustic and can seriously damage eyes. Goggles are essential at all stages.

2

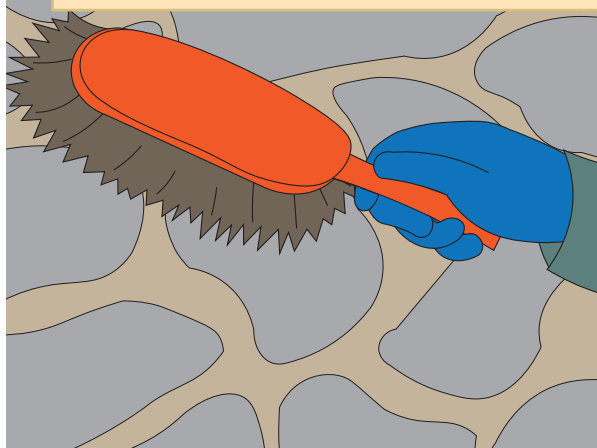
IMPORTANT: Wear gloves and cover skin. Lime burns are gradual (i.e. you don't feel them at the time) but can be very serious so PPE is essential.



Tip: Thin, disposable gloves are easiest to work with

3

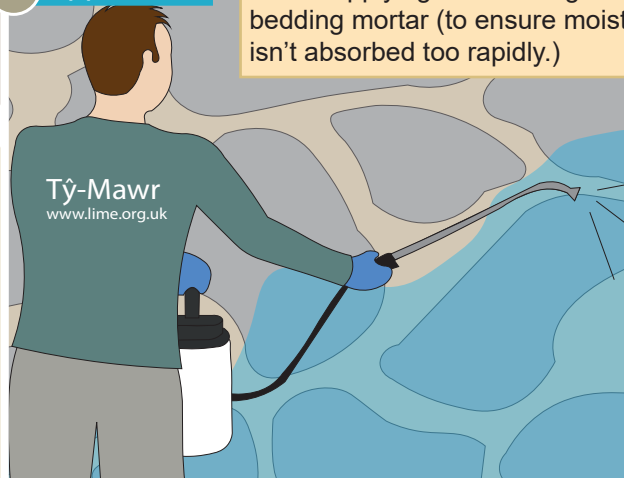
Remove and loose any crumbling material. Particularly any cementitious or gypsum based materials



4

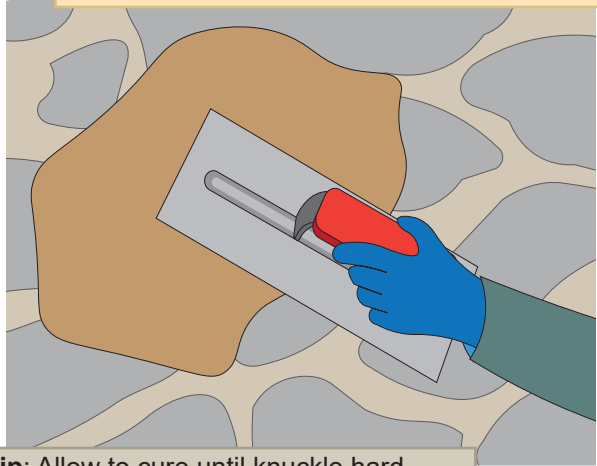
Application

Thoroughly dampen the surface before applying the levelling coat or bedding mortar (to ensure moisture isn't absorbed too rapidly.)



5

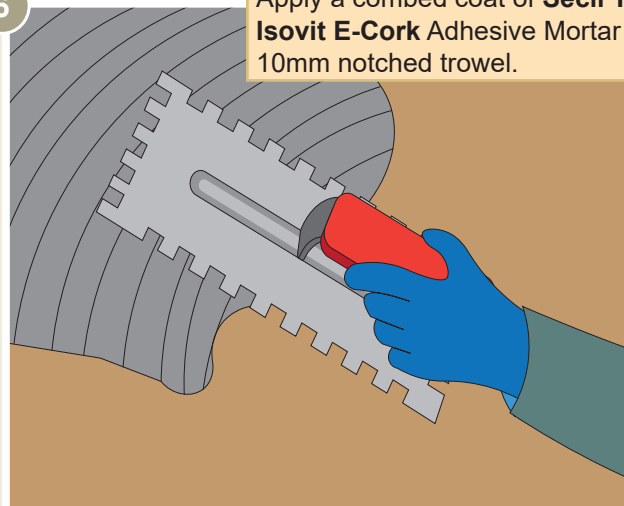
Apply levelling coat of fibred NHL3.5 plaster in 10mm coats.



Tip: Allow to cure until knuckle hard.

6

Apply a combed coat of **Secil Tek Isovit E-Cork Adhesive Mortar** with 10mm notched trowel.





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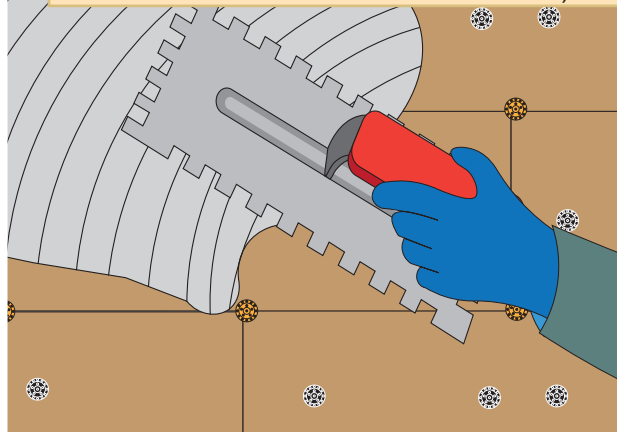
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- 7 Apply **Schneider Wall 180**, then once adhesive mortar is firm add fixings. Drill and fix two insulated anchors into the middle of each board.

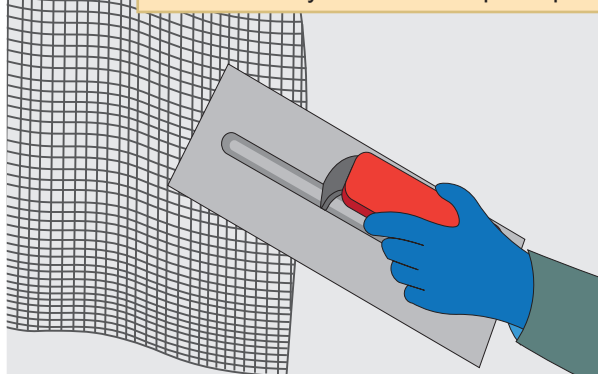


Tip: Work from the base upwards, joints must be staggered.

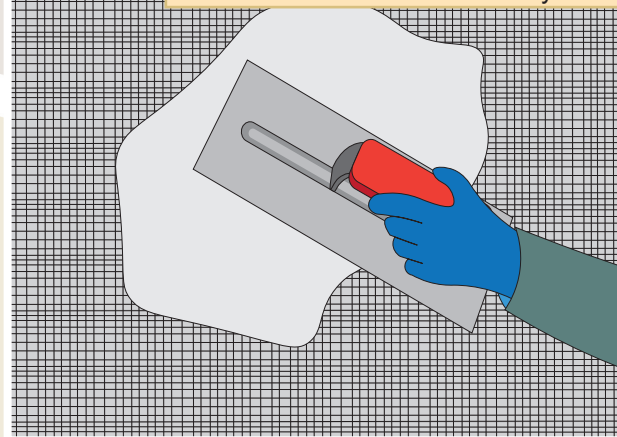
- 8 The next day, complete remaining fixings. Apply first coat of Lime Render as a combed coat (e.g. **Secil Reabilita Cal RB/ St. Astier EcoMortar C**)



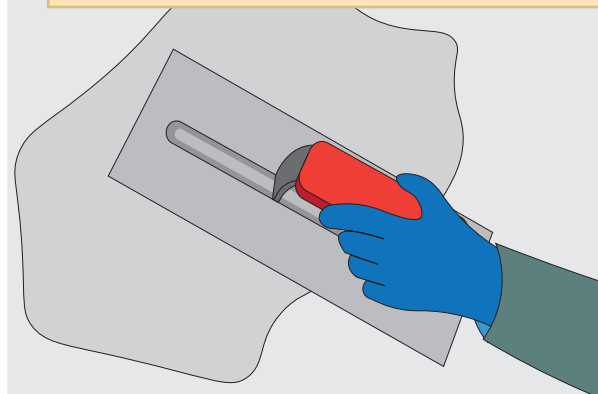
- 9 Trowel mesh into the first coat of plaster. Leave and key and allow to 'pick up'.



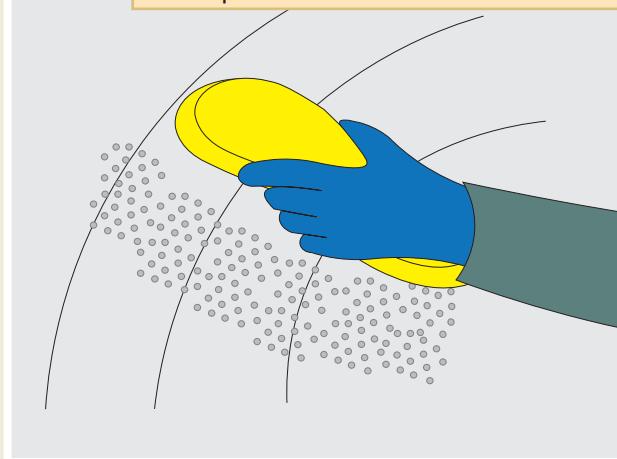
- 10 Apply second pass of **Secil Reabilita Cal RB/ St. Astier EcoMortar C** to cover mesh c. 10mm on the same day.



- 11 Allow three days apply final coat (e.g. **Secil Reabilita Cal AC/ St. Astier EcoMortar F/WP.**)



- 12 Once sufficiently firm, apply finishing techniques for desired external texture.





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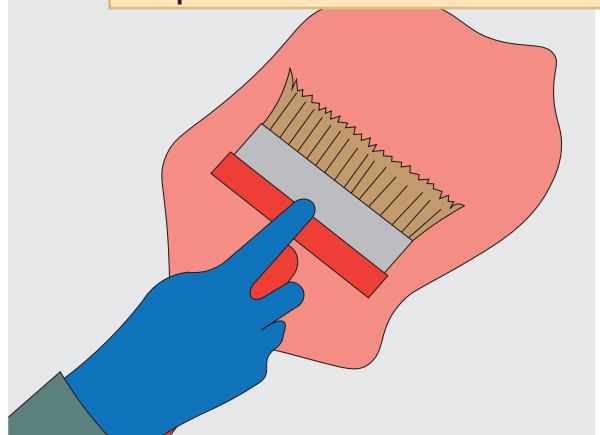
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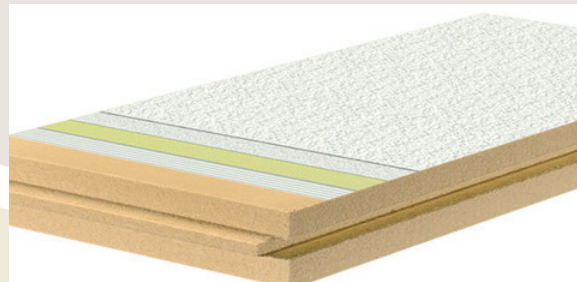
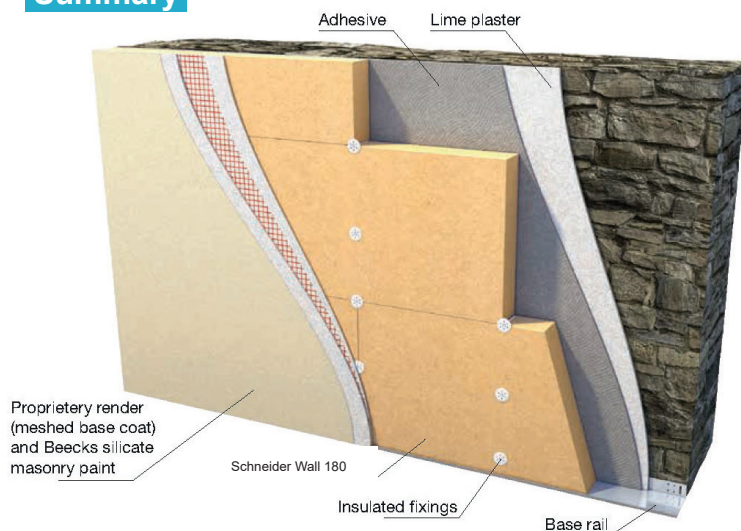
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13

After 30 days apply a breathable paint such as **Beeck's Renosil** or **Graphenstone Biosphere/GCS**- See below!



Summary



The application of lime plaster is more involved than using conventional plaster. It is highly recommended to use a builder experienced in the use of lime plaster or at the very least you should get some practical experience e.g. on a course, as it is not possible to cover every point in detail here. However, if you need further guidance after following the advice given, please contact our Product Support Team at tymawr@lime.org.uk or 01874 611 350.

Available Paint Finishes



**Graphenstone
Biosphere**



Graphenstone GCS



Beeck's Renosil



Please also see our YouTube video! This should be read in conjunction with our full application guide and material safety data sheets - copies can be downloaded from www.lime.org.uk or call 01874 611 350.

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Common Mistakes/ Troubleshooting

If you are experiencing problems (cracking, crumbling, dusting, failure) - please refer to our trouble shooting section on the website www.lime.org.uk for possible causes and preventative and remedial actions.

Approximate Coverage Rates

Secil Tek Isovite E-Cork - A 20kg bag will cover 6m² at 6mm thick
Secil Tek Reabilita Cal RB - A 25kg bag will cover 1.7m² at 10mm thick
Secil Tek Reabilita Cal AC - A 25kg bag will cover 7m² at 3mm thick

Schneider Wall 140 - 40mm T&G - 0.58m x 2.0m - 1.16m²
60mm T&G - 0.58m x 2.0m - 1.16m²
80mm T&G - 0.58m x 2.0m - 1.16m²
100mm T&G - 0.58m x 2.0m - 1.16m²
120mm T&G - 0.58m x 2.0m - 1.16m²

St. Astier EcoMortar C - 25kg bags cover 1.6m² at 10mm thick
St. Astier EcoMortar F - 25kg bags cover 2.2m² at 10mm thick
St. Astier EcoMortar WP - 25kg bags cover 2.2m² at 10mm thick

See our quantity calculator on www.lime.org.uk for assistance with calculating the quantity as well as the type of materials you may require.

Protection of Work

Please refer to full application guides, material technical data sheets and material safety data sheets for protection of work guidelines.

Storage

For storage guidelines please refer to full application guides, material technical data sheets and material safety data sheets for protection of work guidelines.

After Care

Your finished lime render will care for your building for years to come. It gives a beautiful finish that no modern render can replicate. We highly recommend that you finish it with a vapour permeable and preferably a natural paint, your choice will depend on the level durability vapour control and required aesthetic.

For further information about the whole subject and illustrated diagrams of lime plastering and pointing techniques, see The Lime Handbook now available to order on www.lime.org.uk

Health and Safety Information



Warning

Skin Irritation 2 H315 - Causes skin irritation
STOT SE 3 H335 - May cause respiratory problems



Danger

Eye Damage 1 H318 - Causes serious eye damage

Precautionary Statements

P102 Keep out of reach of children

P280 Wear protective gloves, eye protection/face mask.

P305 + P351 + P338 If in eyes rinse cautiously with water for several minutes and immediately get medical assistance.

P352 + P352 If on skin, wash affected area part immediately with plenty of soap and water.

