



# THE LIME CENTRE

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## Product Name: Ecomortar R100

- St Astier R100 is an internal plaster finish coat.
- R100 can be finished in one coat to a smooth finish
- Suitable for a mixture of backgrounds including boards, plaster, paint and composite backgrounds with multiple surfaces.
- R100 can cover paint, smooth concrete, waterproofed surfaces, tiles, rust treated metal components, plasterboard, woodwool board, woodfibre board, MDF, plywood, timber elements, brick, stone, concrete blocks, gypsum plaster and lime plaster.

### **Packaging**

25kg bags. Store in a cool dry place and use within 6 months.

### **Coverage & Quantities**

We are happy to work out quantities for you.  
A 25kg bag will cover approx. 5m<sup>2</sup> at 3mm thick. This does not include any allowance for wastage.

### **Mixing/Water Addition**

Add 6 – 6 ½ litres of clean water per 25kg bag. Use a mechanical whisk for 4 - 5 minutes. Use within 2 hours.

### **Application**

**Temperatures:** above 5<sup>o</sup> and below 30<sup>o</sup>C

**Reworking:** Not possible

### **Onto existing plaster**

Remove loose and friable material. Dampen the surface with a mist spray enough to reduce excessive suction. Apply the plaster in one or two passes up to 3-4mm, creating a level surface. Leave to stiffen before sponge floating, leave for another few minutes before closing in with a Nela Plastic Flex Trowel (or similar) to produce a smooth finish.

### **Onto composite backgrounds or boards**

On composite backgrounds of different with repairs and cracks, or on boards, reinforcing fibre mesh is required between passes.

Dampen the surface with a mist spray enough to reduce excessive suction. Areas with higher suction will require more damping.

Apply R100 in two passes of approximate equal thickness to a total depth of 6 to 8mm. 454 reinforcing fibre mesh is trowelled into the first pass immediately while the plaster is still tacky. Overlap joints in the mesh by 100mm. The second pass is applied over the tacky first pass to completely embed the mesh in the plaster. Leave to stiffen before sponge floating, leave for another few minutes before closing in with a Nela Plastic Flex Trowel (or similar) to produce a smooth finish.

### **On painted surfaces and waterproofed surfaces.**

Apply the plaster in one or two passes up to 3-4mm, creating a level surface. Leave to stiffen before sponge floating, leave for another few minutes before closing in with a Nela Plastic Flex Trowel (or similar) to produce a smooth finish.

### **Decoration**

The plaster should be completely dry before decorating. Allow 4 days minimum for a 3mm finish. Decorate with breathable paint. We recommend and supply Beeck Insil mineral paint and Earthborn Clay Paint. Contact The Lime Centre for further advice or information about breathable paints.



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## Safety Data

### Hazard Statements:

- Causes skin irritation.
- Causes serious eye damage.
- May cause respiratory irritation.

### Precautionary Statements:

- Keep out of reach of children.
- Wear protective gloves/protective clothing/eye protection/ face protection.
- In case of contact with eyes, rinse carefully with clean water for several minutes. In relevant cases, take out contact lenses if possible. Seek professional assistance for a Doctor (Hospital).
- If in contact with skin wash abundantly with soap and water.
- Avoid breathing dust/spray.
- If inhaled remove person to fresh air and keep at rest in a position comfortable for breathing.
- Dispose of contents via conventional waste management facilities. Before disposal NHL lime should be made inert by wetting to induce hardening and bags should be completely emptied

### Control Measures:

- Corrosive to brass and aluminium.
- Keep away from strong oxidising agents.
- Prevent alkaline run off from entering storm drains.



St Astier

EN 998-1

### General Purpose Plastering Mortar (GP)

Resistance to compression:	CS III
Reaction to fire:	Class A1
Water vapour diffusion coefficient:	$\mu$ 12
Adhesion:	0.3 N/mm <sup>2</sup> FP:ABC
Thermal Conductivity p=90%:	0.76 W/mK