



THE LIME CENTRE

The Lime Centre Ltd, Hazeley Road, Morestead, Winchester, Hampshire SO21 1LZ
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Product Name: Roman Stucco

- Roman Stucco is used for repairing and replacing traditional Roman Cement render.
- Available in a range of brown colours to match the natural colour and patina of historic Roman Cement render.
- Made with a natural cement by burning limestone in a traditional kiln, Roman Stucco is breathable has excellent durability and moderate strength.
- It has rapid early set and low shrinkage which makes it ideal for running cornices where thick layers of material can be applied in one day.
- A coarse coat is applied in layers and built up to the required depth. A finish coat is applied in a thin coat of 3mm in either a textured finish (TF) or a fine finish (FF)
- The fine finish (FF) can be made smoother with an additional 1mm coat of very fine finish (VF) this is often used when running moulds.

Variants

Primer: for use as a slurry primer and fine filler.

Undercoat: fibre reinforced undercoat for building out in layers of 10-20mm.

TF: finish coat for a textured appearance.

FF: finely textured coat for ashlar lined finishes, rusticated and flat finishes.

VF: Very fine coat applied over FF for a smoother finish on moulded details.

Composition

Sands mixed with Prompt Roman Cement, lime, citric acid retarder and other minor additives (<1%).

Packaging

25kg paper bags. Store in a cool dry place free from damp and use within 8 months.

Coverage & Quantities

We are happy to work out quantities for you.

1 x 25kg bag Roman Stucco Undercoat covers 1.45m² at 10mm thick.

1 x 25kg bag Roman Stucco TF or FF covers 4.8m² at 3mm thick.

1 x 25kg bag Roman Stucco VF covers 14m² at 1mm thick

Priming and preparation

Masonry may require priming if it is highly absorbent or completely non-porous or waterproofed. Ensure masonry is free from dust and dirt, if necessary clean old masonry using brick acid.

- On old Roman Cement Stucco, clean well removing all loose areas and paints or coatings. Apply a slurry of Roman Stucco Primer at least 2 hours before applying further coats.
- On good quality masonry of average suction, simply pre-wet with a light mist of water.
- On highly absorbent masonry brush on a slurry of Roman Stucco Primer at least 2 hours before applying further coats.
- On non-porous masonry (e.g. engineering bricks) or waterproofed concrete apply Grippa and leave for 24 hours.

Mixing/Water Addition

Mix in a drum mixer or a paddle mixer, carefully add clean water using approx.

Primer	7.5 litres per 25kg bag
Undercoat	4.75 litres per 25kg bag
Finish TF & FF	5.75 litres per 25kg bag
Finish VF	7.5 litres per 25kg bag

Mix for 2 to 5 minutes. Do not rework once the initial set has begun. Roman Stucco is fast setting and needs to be used before setting starts. Do not mix more than can be used within the working time of the product. Do not use in temperatures less than 3°C or over 25°C.



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Application

Flat work

Build out the background in coats of 10 to 20mm of Roman Stucco Undercoat, levelling with a straight edge. Scratch a key between each coat and allow it to set before applying another. Apply coats green on green within 24 hours. The background should be brought level with no more than 3mm deviation under a 2-metre straight edge.

Apply, on the same day or the following day, a final coat of Roman Stucco Finish TF at 3 to 5mm thick and finish with a sponge or a wood float. Do not attempt to level up using this coat.

Ashlar lines can be marked out before it gains strength, typically within an hour or two.

Running cornices and mouldings in situ

Core-out the feature with coats of Roman Stucco Undercoat running the mould "green on green" between each application. As it contains fibres it is also suitable for application onto metal lathing. Scratch a key between each coat and allow it to set before applying another. Apply coats green on green within 24 hours.

The final 3 to 5mm is run with Roman Stucco Finish FF, in one or more passes which will leave a fine texture. Alternatively, the very final pass can be in Roman Stucco Finish VF for a smoother finish.

Cornices of significant depth (typically greater than 40mm) should have additional support from wooden or a stainless-steel armature.

Quoins

Build out and level the background in coats of 10 to 20mm of Roman Stucco Undercoat. Scratch a key between each layer and allow each coat to set before applying another within 24 hours. The background should be brought level with no more than 3mm deviation under a 2-metre straight edge.

Joints should be cut into the fresh stucco, after it has set but before it gains considerable strength, typically within a few hours.

Apply, on the same day or the following day, a final coat of Roman Stucco Finish FF up to 3mm thick and finish with a sponge or a wood float. Do not attempt to level up using this coat.

Alternatively, the very final pass can be in Roman Stucco Finish VF for a smoother finish.

Decoration

The finish colour does not require decoration but can be decorated if required with a suitable active mineral paint. Contact The Lime Centre for information and advice.

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 Roman Stucco 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.