

Method statement

Removal of cement based render and application of lime plaster

1. Location & scope of works

Hole Farm, Albury Hall Park, Albury Herts SG11 2JB

Works to be done to the rear, west elevation and the north elevation.

Cement based render to be removed and new application of laths and lime plaster to be applied.

2. Removal of cement based render

This will be done in sections approximately 600mm x 600mm.

An angle grinder will be used to cut through the cement, down to the wire support below. The resulting squares would be gently levered off by hand and hand tools to the base timber level. Remaining cement would be cleaned off from the timbers to leave a clean surface ready for new laths and plaster.

3. Application of new laths and lime plaster

Sheep wool insulation to be inserted in the void and then Wooden laths of approximately 39mm wide (8mm thick) approximately 6-8mm apart, to be stapled to the uprights using stainless steel staples,.

Warmcote™ lime plaster to be mixed in accordance with the supplier's recommendations (see below specification) and applied using flexible steel trowel in a number of layers up to 25mm to be determined at the time of application to achieve the desired finish.

Limecote™ lime plaster to be mixed in accordance with the supplier's recommendations (see below specification) and applied using flexible steel trowel as a top coat approximately 8mm thick to be determined at the time of application to achieve the desired finish.

Specifications taken from Best of Lime website:

Warmcote™ lime plater product specification :

WARMCOTE: Breathable | Lightweight | Flexible | Sustainable

Warmcote™ has been developed to offer insulation for traditional, [historic](#) buildings where the use of modern systems would be inappropriate and potentially damaging.

Used in conjunction with sustainable, breathable boards such as cork, wood fibre or sprayed hemp, Warmcote's traditional lime plaster mix can make a significant improvement to the living environment of a home, as well as reducing the energy bill and the carbon footprint. The original drive behind its development was to offer some thermal benefit to traditional 'hard to insulate' buildings, particularly timber framed buildings where it may be aesthetically undesirable to apply boards to the exterior. It is breathable, flexible, very lightweight and can be applied at practically any thickness. The best achieved so far is 8" in two passes. Warmcote is incredibly useful if you are making good, damaged clay lump, cob, masonry or daub.

Warmcote is made with lightweight minerals as the aggregate in place of sand. The results of testing so far put the Lambda value of Warmcote at around 0.140 W/mK. That is about four times more thermally efficient than a standard lime plaster, and seven times better than sand and cement. For more information about the applications of Warmcote for your project, [contact](#) Best of Lime today.

<https://bestoflime.co.uk/product/warmcote/>

Limecote

Limecote™ has been described as a 'game changing' lime plaster mix.

Non-hydraulic | Breathable | Extraordinarily Flexible | Sustainable | Traditional | Beautiful

Limecote is based on a lost English medieval lime plaster recipe, once used commonly, particularly on timber framed buildings. It can still be easily found in 15th to 18th Century buildings – from the humblest thatched cottage to the grandest, high status mansions. It is highly likely that the recipe was used for one of the most extravagant buildings Europe has ever seen: [Nonsuch Palace](#), Henry VIII's grandest and most elaborate building project. The building was timber framed and was decorated with 700 high relief stucco panels depicting classical scenes. This recipe has its roots in the Stucco mixes used in the classical world from 3,500BC. The connecting thread through history is the use of calcium carbonate instead of sand, be it marble dust, powdered limestone or crushed chalk.

<https://bestoflime.co.uk/product/limecote/>

Finish of the walls

The new lime plaster is to be finished in a series of plain panels splitting the height of the wall into two and approximately 3m wide – see example photograph below taken from a previous job that the lime plasterer has done.



The paint colour is to be an off white from the Kiem Exclusiv breathable paint range.