



KEIM MINERAL PAINTS CASE STUDY: ARLINGTON COURT, DEVON

KEIM SOLDALIT-ME® ONTO LIMEWASHED RENDER



Before



After





Before



After





Before



After



HOMELEIGH



Before



After



ARLINGTON COURT, DEVON

Loxford Lodge, Homeleigh and Borough Farm are residential properties within the National Trust estate of Arlington Court, Devon. The grounds cover over 20 miles of footpaths, offering walks such as the Lake walk and Deer Park walk.

The National Trust contacted KEIM as they needed a reliable vapour permeable paint, which is more resilient than limewash, to decorate the previously limewashed substrates. The National Trust have previously worked with KEIM on many projects, so they were aware of the benefits that KEIM Paints has to offer.

During the site inspection carried out by Julian Cullum of KEIM Mineral Paints, there was evidence of green mould and algae growth on the render.

It was recommended to wash down the surfaces by pressure washing and using a stiff brush to remove all mould and fungal growth. KEIM Algicide-Plus was applied and allowed to dry for 24 hours before the decoration could commence.

KEIM Fixativ was specified to consolidate the limewash render, followed by a coat of KEIM Soldalit Grob to give an even finish and fill hairline cracks within the render. KEIM Soldalit-ME, in colour 9037, was applied as it has a high resistance against mould and algae, which may build up from the tree canopies surrounding the properties.

Following the completion of this project, The National Trust have several more projects they would like us to get involved in.



WHAT IS KEIM SOLDALIT®-ME?

[KEIM Soldalit®-ME](#) is an exterior sol-silicate photocatalytic mineral paint. It is a variation of [KEIM Soldalit®](#) which offers sustainable protection for buildings with a additional environmental benefit that helps to degrade nitrogen oxide pollutants from the atmosphere.

The photocatalytic reaction helps to breakdown organic material and contaminants, keeping surfaces cleaner.

Key features & benefits:

- Breathable
- Economical and easy to apply
- Extreme long life/durable
- Environmentally friendly ISO14001
- Increases light reflectivity
- UV stable
- Advanced weathering protection
- Inherently incombustible
- Fire classification: A2-s1, d0
- [Cradle to Cradle Certified®](#)

[KEIM Soldalit® Grob](#) is a base coat for filling hairline cracks and textural variations.

[KEIM Fixativ®](#) is a dust suppressant which reacts chemically to consolidate the surface.



CREDITS

Client: The National Trust

Applicator: S J Phillips Painting & Decorating

Location: National Trust Arlington Court
(Homeleigh, Borough Farm & Loxford Lodge),
Arlington, Barnstaple, Devon, EX31 4LP

Project photographs: KEIM Mineral Paints
Ltd

Completed: 2023





KEIM MINERAL PAINTS LTD.
Santok Building, Deer Park Way, Donnington Wood
Telford, Shropshire, TF2 7NA
01952 231250 / www.KEIMpaints.co.uk / sales@KEIMpaints.co.uk

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