

**KEIM**



## KEIM MINERAL PAINTS CASE STUDY NEWINGTON GREEN CHURCH

KEIM SOLDALIT-ME® & KEIM OPTIL®





Before ↗



↘ After





Before ↗

↘ After



# NEWINGTON GREEN UNITARIAN CHURCH

Newington Green Unitarian Church and its forecourt wall and railings are separately, both Grade II listed. After the Toleration Act of 1689 non-conformist meeting houses were allowed and the chapel was built in 1708. It was originally built by the Presbyterians and in the 18<sup>th</sup> century it became a Unitarian Chapel.

It was enlarged and re-fronted in 1860, when a chapel school was built to the rear, as well as an apse with a pulpit to the main chapel. The chapel is a single storey building with a pedimented gable of stucco facing Newington Green.

The Heritage Lottery Fund awarded £1.73 million for the major renovation plans which include a new visitor centre, disabled access and funding to future-proof the building, so it can serve generations to come.

The architects, Richard Griffiths Architects, contacted KEIM in late 2018 as the Church was in need of a full internal and external refurbishment. KEIM Paints were considered the most suitable products on the market and architects admired KEIM's colours and finishes.

Anton Boekhoudt of KEIM Mineral Paints met the architect and main contractor, Bakers of Danbury Heritage Ltd to produce a specification detailing pre-treatment and application methods.

KEIM Optil was the chosen system for the internal lime plaster and plasterwork surfaces to provide a opaque, clean finish.

KEIM Soldalit-ME was specified for the external lime render to purify air quality. KEIM Soldalit-ME has resistance to mould and algae growth due to its photocatalytic properties.

Sibylle Metge-Toppin of Richard Griffiths Architects commented "The KEIM paint has proven to be a great product and we are thrilled with the results."

# 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 the additional environmental benefit that it 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: A2s1 d0

[KEIM Soldalit® Fixativ](#) is silicate based primer for highly absorbent substrates.



# WHAT IS KEIM OPTIL®?

[KEIM Optil®](#) is a mineral premium quality paint specifically formulated for elegant interior applications, giving intense, lightfast colour shades.

## Key features & benefits:

- Breathable
- Water vapour permeable
- Resists algal and fungal growth
- Non-flammable
- Lightfast
- UV stable
- Mineral matt
- Low VOC
- Odourless
- Easy and safe application
- [Natureplus Certification](#)

[KEIM Granital Dilution \(Spezial Fixativ\)](#) is a silicate based primer for highly absorbent substrates.



# CREDITS

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**Architect:** Richard Griffiths Architects

**Main Contractor:** Bakers of Danbury  
Heritage Ltd

**Applicator:** D.O.C. Painting & Decorating

**Location:** Newington Green Unitarian  
Church, 39a Newington Green, London,  
N16 9PR

**Project Photographs:** KEIM Mineral  
Paints Ltd

**Completed:** 2020



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