

KEIM



## KEIM MINERAL PAINTS CASE STUDY FALKENER HOUSE, COVENTRY

KEIM SOLDALIT®-ME ONTO PAINTED CONCRETE



Before



After



# FALKENER HOUSE, COVENTRY

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Falkener House is a 17 storey, residential apartment block located near Coventry city centre. It was originally constructed in 1968 to provide council accommodation.

New regulations stipulate that buildings of over 18 metres in height must be fire resistant and classify to A2-s1, d0. KEIM Paints are the only paint manufacturer, to date, that meet this classification.

Leicester based Elhance Limited, who specialise in cladding and roofing installation and repair, contacted KEIM to provide a fire resistant paint coating. Bryan Roe, Senior Sales Executive of KEIM Mineral Paints, visited site and produced a comprehensive specification. His findings included moss and green growth over the previously painted concrete, particularly on the south elevation and corners. A power spray was recommended to thoroughly clean the surfaces as part of the pre-paint preparation.

Upon cleaning, it was found that the previous paintwork was in good condition. KEIM Soldalit-ME was specified due to its A2-s1, d0 fire classification. Soldalit-ME is a durable exterior paint that has the added benefit of breaking down organic material and contaminants, which will keep the surfaces cleaner for longer.

The facades will not require decoration for another 10-15 years, if not more.

A further two tower blocks, also situated in Coventry, have been commissioned to be painted using KEIM Soldalit-ME again due to its fire resistant and durable benefits

This image shows the moss and green growth over the previous coating.



# 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 an 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



# CREDITS

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**Client:** Citizen Housing

**Applicator:** Elhance Limited

**Location:** Falkener House, 62 Stoney  
Stanton Road, Coventry, West Midlands,  
CV6 5PT

**Completed:** 2022





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