



KEIM MINERAL PAINTS CASE STUDY: MEADOW HOUSE, COVENTRY

KEIM SOLDALIT®-ME ONTO PAINTED CONCRETE

Before



After



Meadow House

meadow house

After



Fire Exit
Keep clear



Before ↗



↘ After

MEADOW HOUSE, COVENTRY

Meadow House is a 17 storey, block of flats situated in Coventry. The residential apartment block was built in 1967 and is the second tower block, in Coventry, to be painted using KEIM for its fire-resistant certifications.

Similarly to Falkener House, located near Coventry cite centre, this project required a fire-resistant coating and must classify to A2-s1,d0, to meet current building regulations.

The applicator, Elhance Limited, who are Leicester based, contacted KEIM to provide a fire-resistant paint. The painted concrete balcony surrounds, and painted brickwork were in relatively good condition. There was general dirt from the urban environment as well as moss and green growth on the surface which required cleaning before any decoration was to take place.

KEIM Soldalit-ME was specified due to its A2-s1,d0 fire classification. It is a durable exterior paint that has the added benefit of breaking down organic material and contaminants, which will keep the surfaces cleaners for longer.

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

A final tower block, also situated in Coventry, has been commissioned to be painted using KEIM Soldalit-ME again due to its fire resistant and durable benefits.



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®



CREDITS

Applicator: Elhance Limited

Location: Meadow House, Upper Spon
Street, Coventry, West Midlands, CV1 3BE

Project Photographs: KEIM Mineral
Paints Limited

Completed: 2022





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