



KEIM MINERAL PAINTS CASE STUDY WARWICK UNIVERSITY, COVENTRY

KEIM SOLDALIT®-ME ONTO PAINTED BLOCKWORK



Before ↗

↘ After



STUDENTS' UNION BUILDING, WARWICK UNIVERSITY

The Students' Union Building at the University of Warwick in Coventry was built in the late 1960's. A redevelopment was completed in 2009 when the concrete structure building transformed into a plaza café, terrace bar and atrium.

Bryan Roe, Senior Sales Executive of KEIM Mineral Paints Limited, visited the University in February 2021 to produce a comprehensive specification for the previously painted blockwork surfaces.

There were areas of green growth and black mould with water ingress through the horizontal top of the blockwork, where water could sit and pool.

Delamination of old paintwork, especially on the walkway ramp, was evident. It was recommended to strip the paintwork from the top of the blocks to reveal the substrate and apply KEIM Silan Primer, which offers additional water-resistance, before re-painting.

KEIM Soldalit-ME, a high performance photocatalytic mineral silicate paint, was used to redecorate the surfaces. KEIM Soldalit-ME improves air quality and benefits both the environment and health. It offers a long life protective and decorative finish.



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

[KEIM Silan Primer®](#) is a waterproofing primary coat and has the ability to resist the passage of waterborne salts.



CREDITS

Client: University of Warwick

Location: Students' Union Building, University of Warwick, Estates Maintenance Office, Gibbet Hill Road, Coventry, Warwickshire, CV4 7HL

Completed: 2021





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