



**KEIM MINERAL PAINTS
CASE STUDY NATIONAL FLAG HERITAGE CENTRE**

KEIM ROYALAN® & KEIM SOLDALIT® ONTO LIME



Before ↗

↘ After





Before ↗

↘ After



NATIONAL FLAG HERITAGE CENTRE, ATHELSTANEFORD

The small East Lothian village of Athelstaneford was the birthplace of the Saltire, Scotland's national flag. The Saltire, also known as St Andrew's Cross, is the oldest flag in Europe.

It originated during the 9th century battle between Picts and Angles from Northumbria, who fought in the fields near Athelstaneford around the year AD 832. The history of the battle is told in the National Flag Heritage Centre, a small museum housed in a historic 16th century doocot behind the church of Athelstaneford.

The doocot, north of the church, was built in 1583 by George Hepburn. Within the doocot is a audio visual presentation of the 9th century battle above which the St Andrew's Cross first appeared in the sky.

Tony Carter, Senior Sales Executive of KEIM Mineral Paints visited the category B listed doocot in January 2022. A comprehensive specification was produced for KEIM Royalan Dilution to be applied as a first coat onto the new lime render, to reduce porosity. KEIM Royalan, in colour 9108, was then used, followed by a final coat of KEIM Soldalit, in a bespoke colour KS01 0225.

KEIM Royalan was specified due to the exposed location of the project. It has been formulated to withstand harsh weather conditions. The top coat, KEIM Soldalit, was recommended to meet the colour match requirement.

WHAT ARE KEIM ROYALAN® & KEIM SOLDALIT®?

[KEIM Royalan®](#) is a mineral silicate based paint system which has been developed to withstand harsh climate conditions.

Key features & benefits:

- Breathable
- Extreme long life/durable
- Increases light reflectivity
- UV stable
- Advanced weathering protection
- Highly resistant to fungal & algae growth
- Resistance to airborne pollutants & acid rain
- Can be applied onto glass, ceramics and tiles

[KEIM Royalan® Dilution](#) is the liquid potassium silicate dilution for KEIM Royalan®.

[KEIM Soldalit®](#) is a modern paint system for use on mineral and previously painted substrates.

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
- [Natureplus certified](#)
- Cradle to Cradle Certified®



CREDITS

Architect: Ogilvy Chambers Limited

Main Contractor: Ashwood Scotland Limited

Location: National Flag Heritage Centre, Athelstaneford Parish Church, Main Street, Athelstaneford, East Lothian, EH39 5BE

Project Photographs: KEIM Mineral Paints Limited

Completed: 2022





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