



KEIM MINERAL PAINTS CASE STUDY ST. TUDOR'S CHURCH, BLACKWOOD

KEIM ROYALAN® ON LIMEWASH LIME RENDER

ST. TUDOR'S CHURCH, MYNYDDISLWYN

St. Tudor's Church is a Grade II listed stone church in Mynyddislwyn, Monmouthshire and was built in mid 19th Century.

Bryan Roe, Senior Sales Executive at KEIM Mineral Paints, visited the church and viewed the bell tower which was in poor condition. It was suffering from high contamination of red algae and mould growth.

The limewash lime render was failing and had washed off from the string course due to the exposed location of the tower.

As the building was a lime render, the architect, Morgan Horowskij, specified KEIM to maintain breathability and durability.

Bryan recommended washing down the surfaces using 50:50 bleach and water to remove the red algae. KEIM Algicide was then used to remove and prevent further mould growth. To offer improved protection, KEIM Silan Primer was applied onto the horizontal surfaces where the limewash had been washed off.

KEIM Royalan was the chosen paint system due to the church being on a hill in a very exposed area. It will provide durability and breathability for many years to come.

Before



After



WHAT IS KEIM ROYALAN®?

[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
- Environmentally friendly ISO14001
- 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®.



CREDITS

Specifier: Morgan & Horowskyj

Decorator: Peter Bricknell & Co

Location: St. Tudor's Church,
Mynyddislwyn, Blackwood, Monmouthshire,
NP12 2BG

Project Photographs: KEIM Mineral
Paints Limited

Completed: 2021





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