



KEIM MINERAL PAINTS CASE STUDY: WHITE HOUSE FARM, ABERGAVENNY

KEIM GRANITAL® ONTO KEIM UNIPUTZ 1.3®



Before ↗

↘ After





Before ↗

↘ After





Before ↗

↘ After



WHITE HOUSE FARM, ABERGAVENNY

Situated in the rural location of Abergavenny, sits this detached property known as White House Farm.

Bryan Roe, KEIM's Senior Sales Executive, visited the project in May 2024 and reported the exposed elevations were made up of limewash on roughcast lime render and smooth cementitious render on the chimney stacks.

One of the key advantages of lime render is its breathability, allowing moisture to evaporate from the building's walls and preventing the accumulation of dampness and subsequent damage. The use of lime render in conjunction with the vapour permeability of KEIM Mineral Paints ensures restored areas remain structurally sound and free from the detrimental effects of trapped moisture.

Following recent wet weather, organic growth had become more apparent on surfaces retaining moisture which are unable to dry out. Green algae can cultivate on any exterior surface retaining moisture, including elevations of a property. Fortunately, removal is straightforward using a mild detergent and reoccurrence can be prevented by treating surfaces with fungicidal primer, KEIM Algicid-Plus, 24 hours prior to paint application.

KEIM Uniputz 1.3, a renovation and thin layer wall render, was used as a 4mm skim coat over the render repairs.

The high porosity of lime render needs to be equalised without compromising breathability before painting. Also suitable for consolidating previously limewashed substrates, KEIM Special Fixativ, a potassium silicate primer, was applied to prepare surfaces where required. A two-coat KEIM Granital system, in colour 9073, was applied over all surfaces to create lightfast, breathable finish that will last for decades before further redecoration is required.

The interior kitchen area had recently been replastered with gypsum plaster and painted using KEIM Optil, a premium sol-silicate paint combining the highest mineral quality and a fascinating homogenous appearance.



WHAT IS KEIM UNIPUTZ1.3 AND KEIM GRANITAL?

KEIM Uniputz® (KEIM Universal Render) is a renovation and thin layer wall render, based on lime and silicates with fibre reinforcement, for use on all mineral substrates, both exterior and interior.

Key features & benefits:

- Simple, reliable and economic
- Highly breathable
- Ideal for concealing cracks, flaking and differences in texture
- Suitable for swimming pool walls and ceilings
- Easy to use, quick to apply application
- Long life and durable system



KEIM Granital® is a classic mineral, matt finish silicate based paint for use on all forms of external mineral substrates.

Key features & benefits:

- Environmentally friendly
- Breathable
- Extreme long life/durable
- Low VOC
- Increases light reflectivity
- UV stable
- Resistant to fungal & algae growth
- Fire classification: A2-s1, d0
- [Natureplus Certification](#)
- [Cradle to Cradle Certified®](#)



KEIM Special Fixativ® (KEIM Granital Dilution) is the silicate based dilution and primer for highly absorbent surfaces.



WHAT IS KEIM OPTIL®?

[KEIM Optil®](#) is a mineral premium quality paint specifically formulated for elegant interior applications, giving intense, lightfast colour shades.

Key features & benefits:

- Breathable
- Water vapour permeable
- Resists algal and fungal growth
- Non flammable - A2-s1, d0
- Lightfast
- UV stable
- Mineral matt
- Low VOC
- Odourless
- Easy and safe application
- [Natureplus Certification](#)
- Cradle to Cradle Certified®

[KEIM Dolomitspachtel®](#) is a ready to use silicate filler suitable for small crack repair and surface equalisation onto internal mineral surfaces.



CREDITS

Location: White House Farm, Llanvair
Kilgeddin, Abergavenny, NP7 9BB

Project Photographs: KEIM Mineral
Paints Ltd

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