

FARMS & RURAL BUILDINGS

KEIM MINERAL PAINTS

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Older buildings such as farms and other rural properties have often historically been decorated to protect the surfaces and buildings themselves. Unfortunately the use of incorrect or unsuitable materials has in many cases had negative consequences for the durability of the building.



Conventional acrylic masonry paints merely coat the surface and create a film around the substrate. This film forming coating does not allow moisture vapour to breathe through it, which can result in the formation of blisters which may lead to cracking and flaking paint. This not only looks unsightly but, if moisture vapour is unable to pass through the surface, this can lead to elevated moisture levels within the substrate eventually leading to friability and damage.



Conventional acrylic based paints also suffer from the effects of UV degradation. This initially results in a loss of colour and then eventually embrittlement of the paint, causing cracking and failure.

By choosing a coating, such as a mineral paint, which allows moisture vapour to breathe through, walls are able to dry out, avoiding damaged paint and damp walls. Mineral paints are UV stable as they are made using natural earth oxide pigments and therefore will not fade.

TYPICAL PROBLEMS

Typical problems that are common when decorating your house include:

- Existing paint coatings in poor condition
- Cracks in the underlying coatings or substrate
- Damaged surfaces in need of repair
- Algae and fungal growth
- Salt effloresence
- Failure of conventional paints to adhere properly to the surface

In addition to the aesthetic appearance and colour choice, another important consideration when deciding upon what materials to use is the impact that they have on our environment.



KEIM MINERAL PAINTS

KEIM Mineral Paints are an ideal solution for all of these challenges and considerations.

KEIM Mineral Paints are:

- Extremely long life and durable, sustainable materials
- Environmentally friendly – made from natural materials
- Suitable for unpainted and previously painted surfaces
- Available in a wide range of colours
- Resistant to mould and fungal growth
- Highly breathable
- Water-based
- UV stable and fade free
- Highly light reflective
- Incombustible
- Odourless

Mineral paints, unlike conventional acrylic paints, form a permanent crystalline bond with the underlying substrate, rather than a purely adhesive bond. This retains the breathability of the substrate and ensures that moisture vapour continues to pass through the substrate unimpeded, with no risk of blistering and cracking of the paint finish.

This ensures that KEIM Mineral Paints provide an extremely long term decorative solution which works in harmony with buildings.



KEIM MINERAL PAINTS

Our experienced staff and comprehensive support service can provide:

- Colour cards and swatches
- Brush-out and liquid colour samples
- Colour matches
- Product literature
- Free of charge site inspections and technical assistance
- Proposal reports detailing pre-treatment and product recommendations
- On site assistance to painters and decorators
- A wide range of complimentary products and systems for repair and pre-treatment of surfaces



EXTERNAL PAINT SYSTEMS

KEIM offer a range of high quality, breathable external paint systems:

KEIM SOLDALIT/KEIM SOLDALIT ME - a highly developed multi purpose exterior sol silicate paint system based on a combination of silica sol and potassium silicate binding agents. KEIM Soldalit/ME is suitable for application on to a variety of unpainted and existing previously painted surfaces, combining the benefits of a classic mineral paint with simplicity of application. KEIM Soldalit ME variant gives increased resistance to mould and fungal growth.

KEIM GRANITAL– a classic mineral, matt finish silicate based paint for use on all forms of mineral substrates.



INTERNAL PAINT SYSTEMS

KEIM ECOSIL-ME - a truly environmentally friendly mineral paint for interior application. KEIM Ecosil-ME is the only internal silicate paint which optimises air quality, using photo-catalytic pigments to reduce noxious gases and odours by transforming them into natural substances. Certified Allergy Safe and proven to kill bacteria.



KEIM OPTIL - a premium quality sol-silicate paint specifically formulated for elegant interior applications, giving intense, lightfast colour shades.

COLOURS – KEIM Mineral Paints offer a wide standard colour range and also offer a bespoke colour matching service, including colour matches to other colour swatches at no additional cost.





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