

# Private Houses and Homes



Introducing Keim Mineral Paints  
Think Paint, Think Keim

# Private Houses



At Keim Mineral Paints we understand that redecorating your home is an important investment and that the material choice is as important as choosing the right decorator.

It is important to choose materials which will perform well for a long periods of time to avoid the need for frequent costly redecoration cycles.

Conventional acrylic 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 finishes. 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.

Typical examples of common problems:



# 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 efflorescence
- Failure of conventional paints to adhere properly to the surface

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



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

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
- 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 external paint systems:

**Keim Granital** - a classic mineral, matt finish silicate based paint for use on all forms of mineral substrates.

**Keim Royalan** - a mineral silicate based paint system developed to withstand harsh climatic conditions, ideally suited for use in exposed locations and those subject to continual pollutants and contaminants.

**Keim Soldalit** - a highly developed multi purpose exterior sol silicate paint system based on a combination of silica sol and potassium silicate binding agents, universally applicable 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.





# Internal Paint Systems

**Keim Ecosil-ME** - a high performance, environmentally friendly mineral paint for interior use. Internal silicate paint which optimises air quality, using photo-catalytic pigments to reduce noxious gases and odours by transforming them into natural substances.

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

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**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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