



# HOSPITALS, MEDICAL ENVIRONMENTS AND CARE HOMES

KEIM MINERAL PAINTS

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Specifying finishes in healthcare and medical environments means combining important practical aspects of material composition and performance in harmony with the aesthetic requirements of an appealing, innovative and creative environment.

Using the right materials can actually contribute to a more healthy atmosphere as well as allowing freedom of colour choice and design. Keim Mineral Paints have provided paint materials for a variety of projects including hospitals, care homes, laboratories, health centres and have experience in providing a range of solutions, providing the ideal products for each individual situation.



# KEIM MINERAL PAINTS

- Extremely long life and durable, sustainable materials
- Environmentally Friendly - made from all natural materials
- Water-based and highly breathable
- Solvent free, low VOC
- UV stable and fade free
- Highly light reflective maximising both natural and artificial light
- Incombustible
- Odourless
- Available in a wide range of colours
- Resistant to mould and fungal growth
- Suitable for unpainted and previously painted surfaces

**Innovative Clean Air, Clean Surface System – ideal for healthcare and medical environments (more details overleaf)**



# KEIM ECOSIL-ME – CLEAN AIR SYSTEM

Some people, such as chronic asthma sufferers and people with other respiratory conditions, are particularly sensitive to airborne pollutants and the chemical effects of conventional paints. KEIM Ecosil-ME is a photocatalytic mineral paint which can remove nitrogen oxides and pollutants from the atmosphere and the internal environment.

There are many types of building and internal spaces where it is imperative that special care is taken, such as nursing and care homes, hospitals and medical environments. Whilst internal air quality in general is not necessarily a contributory issue to health problems, fumes from conventional paints can exacerbate pre-existing health problems. Conventional acrylic based paint systems contain volatile organic compounds (VOCs) which become gas at room temperature. As a result, products made with harmful VOC components release these gases into the air as, and after, they are used. If high concentrations of harmful chemicals are breathed in, it can cause health problems. The health effects of exposure vary from one person to another. The most common symptoms are eye, nose and throat irritation, coughing, headaches, dizziness, and nausea.

In sterile and healthcare environments the reduction and removal of dead or living biomass is extremely important to prevent infectious contamination.

Dead cells still have a toxic and allergic potential, KEIM Ecosil-ME improves interior hygiene more effectively than a conventional emulsion paint – proven to reduce 99% of living bacteria and completely remove dead cells on the surface of the paint.



**KEIM Ecosil-ME is the ideal solution for internal spaces as it is a mineral paint and therefore contains no harmful chemicals which can be released into the air. The photocatalytic reaction is proven to improve air quality and helps to clean surfaces and kill bacteria.**

# KEIM MX GLAZE – CLEAN SURFACE SYSTEM

KEIM Mineral Paints understand that internal spaces in hospitals and medical environments need to be frequently cleaned. The high glaze, highly cleanable finish of KEIM MX Glaze is the perfect solution. It is easily cleaned but difficult to mark. KEIM MX Glaze can be deep cleaned and offers a durable surface finish which does not harbour bacteria.

By using KEIM MX Glaze on lower level areas which require frequent cleaning, and KEIM Ecosil-ME onto higher level walls and soffits, this combination offers a unique solution providing 'Clean Air, Clean Surfaces' ideal for hospital and healthcare environments.

## 'Clean Air, Clean Surfaces'

Using KEIM MX Glaze onto highly trafficked, lower level areas such as corridors and those which require frequent cleaning and scrubbing, such as hospital wards, provides a robust clean surface.

Using KEIM Ecosil-ME for the high levels facilitates a cleaner air environment by removing harmful air pollutants and killing bacteria spores.



**KEIM ECOSIL ME** - Photocatalytic Mineral Paint, helping to improve air quality.

**KEIM MX GLAZE** – Highly Cleanable Glaze, providing durability and cleanliness

**Sample boards showing the product finishes available on request.**

# EXTERIOR PAINT SYSTEMS

## High Quality Exterior Mineral Paints

KEIM Mineral Paints offer a range of high quality exterior paint systems and, like all KEIM products they are long life, durable and breathable. They are highly light reflective, and are manufactured using natural earth oxide pigments which means they do not fade. In addition, mineral paints are resistant to mould and fungal growth.

KEIM Soldalit-ME is a photocatalytic mineral paint, for external application and like KEIM Ecosil-ME helps to improve air quality and reduce atmospheric Nitrogen Oxide pollution.



# KEIM MINERAL PAINTS

Examples of medical and health projects where KEIM Mineral Paints have been used include:

- Royal Free Hospital, Hampstead
- Queen Elizabeth Hospital, Birmingham
- Sainsbury's Laboratory, Cambridge University (Stirling Prize Winner 2012)
- National Pollen and Aerobiology Research Unit (NPARU), Worcester University
- UCH London - New Cancer Centre (Winner of Prime Minister's Better Public Building Award)
- Evelina Childrens Hospital, London
- Morfield Eye Hospital, London
- Papworth Hospital, Cambridge
- Liverpool Dental Hospital & College
- Southampton General Hospital
- South Tipperary General Hospital, Clonmel (Below)

**For further information and assistance please contact our sales office on 01952 231250 or [info@keimpaints.co.uk](mailto:info@keimpaints.co.uk) .**





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