



KEIM OPTIL®

PERFECT PAINT MATERIAL FOR DEMANDING ARCHITECTURE AND COLOUR EFFECT.

KEIM Optil – the new dimension of unique aesthetics

KEIM Optil – a premium interior paint meeting the requirements of modern architectural design combining highest mineral quality and fascinating homogeneous appearance. KEIM Optil impresses with extraordinary colours providing outstanding elegance and materiality.

A previously unknown variety of light-fast, mineral colour harmonies expressing the modern spirit of our time make KEIM Optil the ideal painting material for sophisticated interior designs. Impressive are also surfaces painted with noble white that create an atmosphere of elegance by their ultra matt finish even under difficult light conditions.





KEIM Optil – The ultimate colour experience!

KEIM Optil – offers colours that have never been seen before. Through exceptional colour depth and uncompromising quality Optil presents a perfect marriage combining visual appearance and building physics.

Available in 16 captivating monochrome shades, in gold, silver and all shades of the KEIM Avantgarde card – a tribute to the polychromatic colour scheme of the nineteen-twenties, complemented with a selection of trendy colours of our time.







KEIM Optil – The perfect paint!

KEIM Optil captivates by the combination of brilliant luminosity and a velvet-like finish which is only possible thanks to Optil's new „MacroFill-Technology“. Through incidental light, lighting technology and visual angle KEIM Optil paints provide their unique appearance, fascinating colour depth and a velvet matt surface in all lighting conditions. KEIM Optil – high-class quality in sol-silicate technology. Suitable for all conventional substrates and easy to use, KEIM Optil also fulfills all applicator's requirements perfectly. Optil's excellent hiding power and impeccable painting results are more convincing arguments in its favour. KEIM Optil - a byword for a healthy indoor climate and active environmental protection, since it is highly permeable and contains no added preservatives or plasticisers.

KEIM Optil has been awarded the „natureplus“ quality seal and is also listed in the „DGNB Navigator“, a database of the German Sustainable Building Council (DGNB).



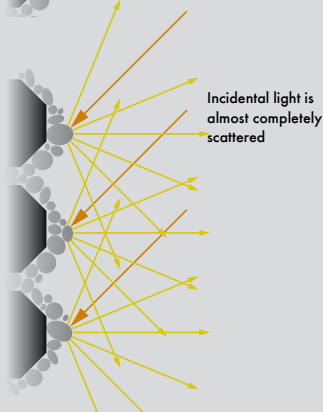
MacroFill-Technology

Surface effect

Ball-shaped „macro fillers“ arrange themselves next to each other in a compact and even way during application.

Pigments and other filling particles accumulate around the fillers

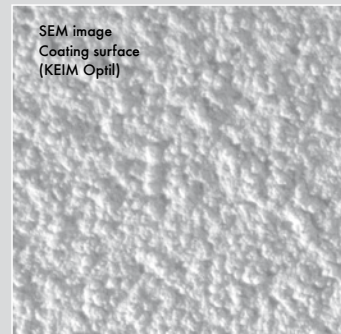
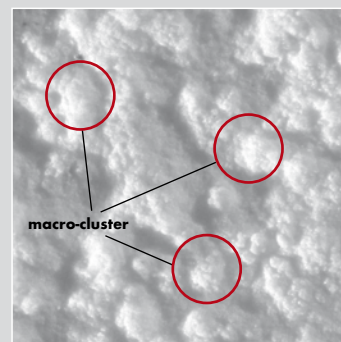
... and form so-called „macro-clusters“.



Effects:

- Homogenisation of surface texture
- Incidental light is almost completely scattered

Surface texture



SEM image
Coating surface
(KEIM Optil)

Result:

- Minimises the susceptibility to form streaks.
- Very uniform appearance
- Exceptionally matt (gloss at 85° = 0.2 %)



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