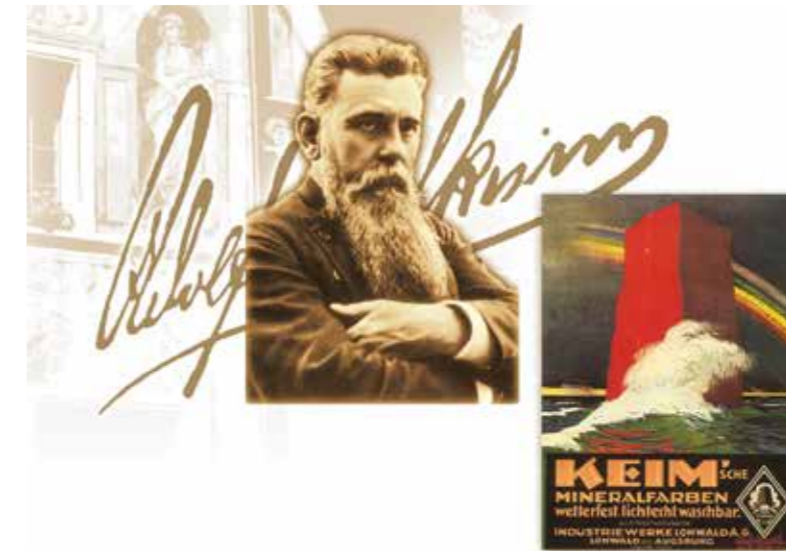


KEIM PURKRISTALAT®

THE ORIGINAL.
UNEQUALLED LONGEVITY AND COLOUR BRILLIANCE
FOR HISTORIC AND CONTEMPORARY FACADES.

CREATING WHAT IS BEAUTIFUL, MAINTAINING WHAT IS VALUABLE – WITH KEIM PURKRISTALAT



„It is my endeavour to always pass on the creations of the artists in unchanged magnificence and beauty to coming generations as eloquent witnesses of the appreciation of art of the respective era.“

Adolf Wilhelm Keim, pioneer of silicate coating technology in 1881

BUILDING CULTURE

Historic buildings are unique witnesses of our cultural past. Their architecture shapes our cities and refers to history. For this reason, it is important to preserve them for our posterity and to maintain them in a professional manner. Paint is a very important tool when renovating historic facades, because the colourfulness of a historical building is obvious at first glance.

TENSION FIELD

It is not uncommon for monument preservation measures to be caught between the original reconstruction of historical building fabric and today's building requirements as well as what is technically feasible. In this context, the materials used are of particular importance, as they must meet the highest quality standards in terms of protection and aesthetics.

QUALITY STANDARDS

KEIM Purkristalat, developed in 1878 by A. W. Keim, the founder of silicate technology, sets the standard when it comes to longevity and colour brilliance. Primarily used for the protection of historic buildings, KEIM Purkristalat is the preferred choice of monument conservators and restorers.

THE ORIGINAL

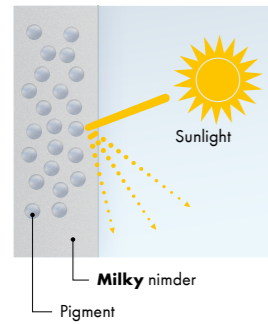
KEIM Purkristalat owes its unique quality to the perfect coordination of high-quality, exclusively mineral ingredients: inorganic, lightfast pigments, selected minerals as fillers and pure, liquid potassium silicate as binding agent. The „original silicate paint“ owes its legendary reputation to numerous projects worldwide that have impressively proven what makes KEIM Purkristalat so unique: Luminous, long-lasting facades with an outstanding colour strength that age gracefully.

BRILLIANT LUMINOSITY

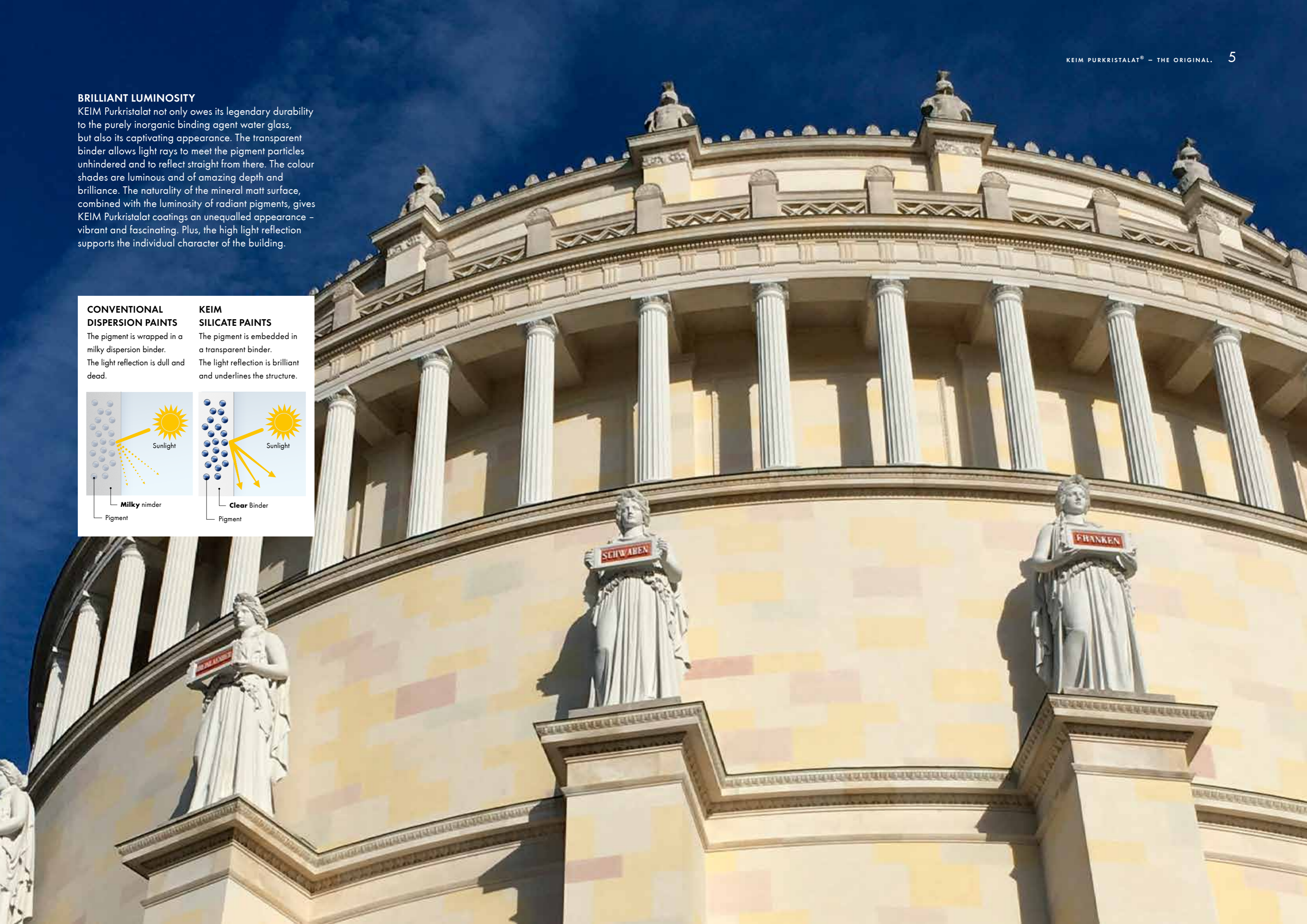
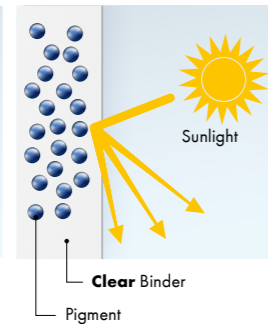
KEIM Purkristalat not only owes its legendary durability to the purely inorganic binding agent water glass, but also its captivating appearance. The transparent binder allows light rays to meet the pigment particles unhindered and to reflect straight from there. The colour shades are luminous and of amazing depth and brilliance. The naturality of the mineral matt surface, combined with the luminosity of radiant pigments, gives KEIM Purkristalat coatings an unequalled appearance – vibrant and fascinating. Plus, the high light reflection supports the individual character of the building.

CONVENTIONAL DISPERSION PAINTS

The pigment is wrapped in a milky dispersion binder. The light reflection is dull and dead.

**KEIM SILICATE PAINTS**

The pigment is embedded in a transparent binder. The light reflection is brilliant and underlines the structure.



PURE SILICATE PAINTS TO PRESERVE SOMETHING SPECIAL

PERMANENT BOND

KEIM Purkristalat remains bonded with the substrate over decades: The silicate binder water glass penetrates deep into the mineral substrate, where it reacts chemically. This process, also referred to as "silicification", results in an insoluble bond between the paint and the substrate itself. The purely mineral materials in KEIM Purkristalat are absolutely resistant to aggressive environmental influences such as acid rain and UV radiation. Moreover, the substrate is stabilised by the absorption of the binding agent water glass, and thus more resistant.



LONGEVITY

KEIM Purkristalat coatings are extremely water vapour-permeable thanks to their microporous structure, and thus predestined for historic structures. Moisture can escape freely and so moisture damage is prevented. Another key feature of KEIM Purkristalat is its aging behaviour. Through so-called micro-chalking, the surface degrades evenly and naturally over decades. KEIM Purkristalat facades age gracefully, both visually and technically.



KEIM Purkristalat – two-component, pure silicate paint acc. to DIN 18 363 sec. 2.4.1, consisting of KEIM Fixativ and KEIM Purkristalat Colour Powder.

KEIM Purkristalat- Farbpulver (Colour Powder)

Made from purely inorganic, lightfast pigments and selected fillers.



KEIM Fixativ

Pure, liquid, potassium silicate without organic additives. Binder or dilution for KEIM Purkristalat.



KEIM Kristall-Felsit KEIM Kristall-Felsit-Fein

Filling additive for the soaked Purkristalat paint on difficult substrates by using Fixativ as dilution.





KEIMFARBEN GMBH

Keimstraße 16 / 86420 Diedorf / Tel. +49 821 4802-0 / Fax +49 821 4802-210
Frederik-Ipsen-Straße 6 / 15926 Luckau / Tel. +49 35456 676-0 / Fax +49 35456 676-38
www.keim.com / info@keimfarben.de

KEIM. FARBEN FÜR IMMER.