



TECHNICAL DATA SHEET

KEIM POLYCHRO®-INTÉRIEUR

1. PRODUCT DESCRIPTION

KEIM polyChro-intérieur is the genuine Le Corbusier paint – a particularly high-quality, velvety-matt interior paint with intensive colour tones on a mineral basis, exclusively produced in the unique shades of the colour claviours of the master Le Corbusier and quality-controlled according to the guidelines of Les Couleurs Suisse AG as representative of the Fondation Le Corbusier, Paris. polyChro-intérieur gives walls and ceilings an incomparable depth and elegance.

2. FIELD OF APPLICATION

KEIM polyChro-intérieur can be applied to all standard interior wall and ceiling surfaces.

Not suitable for:
wood substrates
lacquered surfaces
substrates with salt efflorescences
distempers

3. PRODUCT PROPERTIES

- excellent covering power
- unerreichte Farbtiefe und Farbintensität
- low environmental impact
- ultra matt surface
- reinste Farbpigmente
- Natural, mineral binder
- hoch diffusionsfähig für gesundes Raumklima
- anti-fungal and anti-algae thanks to natural alkalinity

MATERIAL CHARACTERISTICS:

- Density: approx. 1.4 - 1.5 g/cm³

CLASSIFICATION:

- Classification according to: DIN EN 13300
- Classification according to VOB: Silicate emulsion paint according to DIN 18363 sec. 2.4.1
- Water vapour diffusion current density (V-value): > 2000 g/(m² · d)
- Diffusion-equivalent air layer thickness (sd-value): < 0,01 m
- Wet abrasion resistance: Class 2
- Test standard Wet Abrasion Resistance EN ISO 11998: EN ISO 11998
- Gloss level at 85°: dull matt
- Maximum particle size: fine

COLOUR SHADES:

The 63 original shades of Le Corbusier's Polychromie architecturale, handmade in the KEIM manufactory. Tested & licensed. Each shade with certificate of authenticity!

The colour shades are manufactured exclusively with selected, purest and absolutely light-resistant mineral pigments. The

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following shades also contain selected organic colour pigments: 32030, 32040, 32050, 32080, 32081, 32090, 32100, 32101, 32120, 4320A, 4320C, 4320K, 4320M, 4320S, 4320R, 4320T, 4320W

4. APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION:

In case of strong grazing light, priming with polyChro-fond is recommended.

APPLICATION CONDITIONS:

Ambient and substrate temperature during application and drying must be ≥ 5 °C.

PREPARATION OF MATERIAL:

Stir up KEIM polyChro-intérieur thoroughly before application.

CONSUMPTION:

approx. 0,12 L/m²

These material consumption values are guide values for smooth substrates. Exact consumption values must be determined by means of test areas.

APPLICATION:

KEIM polyChro-intérieur can be brushed, rolled or sprayed (nozzle ≥ 423). High-quality tools are recommended for processing.

Base coat: Apply KEIM polyChro-intérieur undiluted or diluted with max. 10 % of water.

Top coat: Apply KEIM polyChro-intérieur undiluted.

DRYING TIME:

Can be overcoated after 12 hours at the earliest (at 23 °C and 50% RH). At higher relative humidity, layer thicknesses and/or lower temperatures, drying is delayed accordingly.

CLEANING OF TOOLS:

Clean immediately with water.

5. PACKAGING

Container content	Unit of measure	Type of container
2.5	L	bucket
5	L	bucket
10	L	bucket

6. STORAGE

max. storage time	Storage conditions
12 months	frost-free keep container tightly sealed. cool protected from heat and direct sun.

7. DISPOSAL

For disposal information refer to section 13 of the safety data sheet.

Waste code: 08 01 12

8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet. EU limit value for this product .
This product contains: 0 - 10 g/L VOC.

GISCODE:

9. GENERAL INFORMATION

Cover surfaces not to be treated, especially glass, ceramics and natural stone. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water.
Mixing with products not part of the system or other foreign additives is not permitted.

10. CERTIFICATES & QUALITY SEALS



The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to provide assistance in the selection of our products and do not establish a contractual relationship. In particular, they do not release the purchaser and processor from the obligation to convince themselves of the suitability of our products for the intended application with due care, which is general practice in trade and crafts. The general rules of construction technology must be observed. We reserve the right to make modifications to improve the product or its application. This edition supersedes all earlier editions.