

kt.COLOR Emulsion



Unparalleled ultra-matte, deep and rich finish for high-end interior walls and ceilings

General Description

kt.COLOR Emulsion is a luxurious ultra-matte finish for interior walls and ceilings, Swiss-made with natural mineral pigments and a breathable, water-based formula.

- Ultra-matte
- Unparalleled richness and depth
- Maximum pigment content
- Breathable
- Child safe
- No odor
- No plasticizers
- No solvents or VOC
- No fading or yellowing
- Non-flammable
- No forever chemicals (PFAS)
- No microplastics or nanoparticles
- Swiss Eco Label **Category B**
- Conforms to **Swiss Minergie-ECO**

Usage

New and previously painted walls and ceilings, non-woven wallpaper (lining paper), wallpaper, plaster, plasterboard (drywall), gypsum plaster, concrete, slaked lime plaster, and clay.

Tip

For high-traffic areas, opt for lighter colors or the highly durable **kt.COLOR Satinée** finish. The ultra-matte **kt.COLOR Emulsion** finish is prone to marking easily. Surface contact may leave light scratches that cannot be touched up.

Preparation

Surfaces must be clean, dry, and free of dirt, dust, grease, oil, soap, wax, scaling or peeling paint, silicones, mildew, or distemper paints. Glossy paints and should be lightly sanded.

New plaster or masonry should be allowed to set for 30 days before painting. Cured plaster should be firm and have a pH < 10.

Primer Systems

Walls and ceilings previously painted with acrylics, flat latex paints or other non-glossy finishes:

- 2 coats **kt.COLOR Emulsion**

Glossy, painted surfaces: dull, then

- Prime with **M010 Acrylic Primer**
- 2 coats **kt.COLOR Emulsion**

Porous or unevenly absorbant surfaces:

- Seal with **M013 Tiefgrund Primer**
- 2 coats **kt.COLOR Emulsion**

Lining paper (non-woven wallpaper), wallpaper:

- 2 coats **kt.COLOR Emulsion**

Plaster, plasterboard (drywall), gypsum plaster, concrete:

- Seal with **M013 Tiefgrund Primer**
- 2 coats **kt.COLOR Emulsion**

Slaked lime plaster, clay:

- Reduce absorbancy with **M018 Leimwasser**
- 2 coats **kt.COLOR Emulsion**

Application and Hide

Spread Rate	125 g/m ² or 460 sq.ft./gallon for one coat. Average value, spread rate varies with pigments and surface texture.
Application	Roll with a short-nap roller, apply with brush, or spray (Airless).
Thinner	Water, not more than 10 %
Dry Time	At 25° C, 65 % RH: 4 - 6 hours to recoat. Expect longer dry times at higher humidities and low temperatures. Allow 2 weeks before cleaning.

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Dry Time	The dry time can be extended by adding 5 % M021 Propylene Glykol Extender . Recommended for black paint colors and the metallics.
Temperature	Do not apply if the surface is colder than 10 °C (50 °F).
Clean-up	Soap and water

Chemical Properties

Vehicle	VAE polymer, cellulose glue
Pigments	Natural pigments, mineral based pigments and lightfast organic pigments
Solids by wt.	58.5 ± 2 %
Spec. Gravity	1.5 g/cm ³
Pigment level	86 % by wt. in dry coating
VOC	0 g/kg (0 g/l)
pH	9.2
Breathability	$s_d \leq 0.01$ m per coating, Class 1, highly breathable

Classification according to EN 13300:2023-02 for Interior Coats

Wet scrub resist.	Class 2 of 5
Gloss 85°	< 2 (ultra-matte)
Contrast ratio	Class 2 of 4
Max. grain size S	< 100 µm (fine)

Hazards Classification

ChemVOCFarbV Category A/a Wb. EU-limit: 2010 30 g/l. Contains 0 g/l VOC.

No labelling required acc. to directive (EG) Nr. 1272/2008 CLP. Not hazardous.

Disclaimer

This information is a recommendation but not a warranty, as the details of the application and the site conditions are beyond our control. We cannot accept liability of our products arising out of their use beyond guaranteeing the high quality of our products as delivered. Replaces the previous versions of this Advice Sheet.

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Flammability according to directive DIN EN 13501-1: B1-s1, d0

Water hazard classification (WGK): 1 (slightly hazardous)

Ingredients kt.COLOR Champagne White

Champagne chalk 40.4 %, Water 41.5 %, VAE-polymer 7.6 %, Titanium dioxide 9.4 %, Cellulose 0.5 %, Umber 0.3 %, Additives 0.3 %, Preservatives* < 50 ppm.

* Trace amounts of 5-Chloro-2-Methyl-2H-Isothiazol-3-one and 2-Methyl-2H-Isothiazol-3-one (3:1) (0.0002 %), 1,2-Benzisothiazolin-3-one (BIT; 0.0001 %)

Product can be custom-made without adding preservatives or biocides. Contact us for details.

Safety Precautions

- Ensure adequate ventilation while working.
- Keep out of the reach of children.
- Do not breathe spray mist or sanding dust.
- Avoid prolonged or repeated contact with skin.
- Protect from freezing.
- Refer to Safety Data Sheet for additional health and safety information.

Disposal

EU-waste code 08 01 12. Dispose of empty containers only for recycling.