

Supermatt EKF

Product description:

Preservative-, plasticiser- and solvent-free, low emission paint for interior walls with wet abrasion resistance 2 according to DIN EN 13 300. Dull matte, insensitive to grazing light and free of fogging active components.

Application:

Indoors. For ceilings and walls if a matte surface is required, on ingrain wallpaper, plastering, concrete, expanded polystyrene, gypsum plasterboards, etc. as well as viable old layers of paint and similar surfaces following respective pretreatment / priming. Also tested for use in rooms in which food is stored/used.

Properties:

- can be applied with airless sprayer (also MEGA Quick & Easy 4.0)
- free of preservatives
- dull matte
- insensitive to grazing light
- splatter-free
- diffusible
- water vapour permeable
- very easy processing properties
- solvent- and plasticiser-free
- low emission
- unobjectionable regarding air pollution
- the threshold values as per the Committee for Health-related Evaluation of Building Products (AgBB) are met after 28 days
- tested for harmful substances and externally monitored (TÜV Süd)
- IUG certified (suitable for people with allergies)
- ISEGA certified (safe for use with food)
- free from fogging active components, SVOC (semi volatile, organic compounds) according to VDL guideline 01

Classification according to DIN EN 13300:

- Gloss level: dull matte
- Wet abrasion resistance: class 2
- Contrast behaviour: Covering power class 1 with a yield of 7 m²/l
- Maximum grain size: Fine (< 100 µm)

Technical certificate:

- IUG certified (suitable for people with allergies)
- ISEGA certified (safe for use with food)
- TÜV Süd (tested for harmful substances, low emission and production monitored)
- Disinfectant resistant (lab test)

Binding agent basis:

Synthetic dispersion according to DIN 55947

Spec. weight:

Approx. 1.47 kg/l

Gloss level:

Dull matte

Packaging size:

12.5 l

Colours:

White and can be shaded using the MEGAgreen MIX-System

Please observe:

The delivered colours must be checked for colour accuracy before application and the BFS bulletin no. 25 must be observed. Colour shades can change over the course of time depending on pigmentation, exposure to light and existing surface (e.g. material containing plasticisers).

Application:

Can be applied with brush, paint roller and airless sprayer. Stir well before use. Specifically optimized for application with MEGA Quick & Easy 4.0.

Please observe:

To avoid streaks/lines on larger surfaces, a quick coating wet-on-wet is required. Always coat coherent surfaces in the same application procedure. Where appropriate, apply a priming coat with MEGA 272 levelling primer EKF for surfaces with grazing light. Cleaning work on dry paint film can change the gloss level of the surface or cause a slight abrasive wear. In the case of coloured paint, mechanical stress of the surface can lead to scratches. When being used in rooms intended for the storage of foodstuffs, drinks and tobacco, we recommend removing these items for the duration of the renovation and drying phase. Conduct partial repair work on dried paint coats using the same material and tools. The repaired spot can also be marked depending on the exposure to light.

Surface:

The surfaces must be viable, firm, dry, free of contamination, efflorescence, discolouration, fungal infestation, sinter layers, fine-grain layers and separating substances. Existing old coatings must be checked for suitability, adherence and bearing capacity. Please observe VOB, Part C, DIN 18363, sec. 3 and the respective BFS Bulletins. Non-adherent old layers of paint must be completely removed. Creating sample surfaces before beginning with the work is recommended, to check the

adherence and the appearance of the surface. Pretreat extremely or differently absorbent surfaces with MEGA 271 Hydrosol EKF. Pre-coat non-absorbent or smooth surfaces or large surfaces or surfaces with a great deal of lateral light exposure with MEGA 272 levelling primer EKF.

Technical specifications

Dilution:

This product is ready for use. If necessary, dilute with approx. 5 % water.

Cleaning the tools:

Clean immediately after use using water and soap.

Drying process:

Surface dry and paintable after approx. 6 hours at +23 °C and 50 % rel. humidity. The drying time takes longer at lower temperatures or a higher humidity.

Consumption:

Approx. 140 - 170 ml/m² for one coat depending on the surface. Exact consumption data for the calculation must be determined on the object.

Airless spraying:

With the MEGA airless sprayer Quick & Easy 4.0

With conventional airless sprayers:

Nozzle:	0.019 - 0.021 inch
Dynamic pressure:	190 bars
Spray pressure:	160 bars
Spraying angle:	approx. 50°
Mesh size:	60

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General information

Processing temperature:

At least +5 °C surface, ambient and drying temperature

Storage:

Cool however, frost-free. Seal opened containers tightly and use up as soon as possible. Can be stored for at least 12 months unopened.

Declaration of the substances of content:

Synthetic dispersion, titanium dioxide, calcium carbonate, silicates, water, additives

Information on disposal:

Only give fully empty containers to recycling. Give liquid material residues to an authorised collection point for used paints/varnishes. Dried up material residues can be disposed of as hardened paints or as household waste. EWC - waste code 080112.

EU threshold value for this product:

Product category: A/a
30 g/l VOC (2010)
This product contains < 1 g/l VOC

GISCODE: BSW 10

Hazard identification:

refer to EC safety data sheet

Please observe:

When being used in rooms intended for the storage of foodstuffs, drinks and tobacco, we recommend removing these items for the duration of the renovation and drying phase.

Special information:

Keep out of the reach of children. In the case of contact with eyes or skin, immediately rinse thoroughly with water. In the case of contact lenses, remove these and continue to rinse. When applying with a sprayer, do not breath in paint-mist and wear a filter mask A2/P2 for spray painting work and goggles. Wear a dust

filter P2 when doing grinding/sanding work. Do not allow to penetrate the sewage system, waterbodies or ground soil.

Observe the safety data sheet!

