

ECOSHTUK MATTLATEX LIME PAINT

Lime paint for interior applications
Lime paint for interior walls and ceilings

- Resistant to washing;
- highly vapour-permeable;
- fungi and mould resistance;
- good coverage;
- professional-grade tinting in diluted, light colours.



PACKAGING 12 kg

Product

ECOSHTUK MATTLATEX LIME PAINT is a ready for use water-dispersion washable lime paint for painting walls and ceilings in interior applications.plasters.

Usage

ECOSHTUK MATTLATEX LIME PAINT is intended for initial and repair painting of solid cement-lime, lime, and gypsum substrates, as well as concrete, gypsum boards, MDF, particleboards, and fibreboards. Possesses high substrate adhesion level, high covering capacity, abrasion resistance and resistance to biological contamination. Provides "breathing wall" functionality. Ensures optimal indoor climate. Recommended for use with Polimin lime plasters. ECOSHTUK system products absorb CO₂ from ambient air. Applied on walls and ceilings inside dry premises with moderate operational loads. When using with ECOSHTUK system, do not apply any primer before painting FAT LIME PUTTY surfaces.

Table 1

Characteristics	
composition	aqueous dispersion lime paint with mineral fillers, hydrated lime, pigments, and functional additives.
appearance	base A: white, tintable to obtain light and pastel colours only per Spirit, NCS, RAL, Monicolor catalogues
dilution agent	water, may be diluted by up to 5%, but only after thorough stirring.
rate of consumption	100-150 ml/m ² per layer, depending on surface absorption and skill level of worker.
non-volatile matter content	47-49%
density	1.2 kg/l ± 5%
particle size	up to 100 µm (fine-grain according to DSTU EN 13300-2012)
gloss	deeply matt (according to DSTU EN 13300-2012)



highly vapour-permeable



non-allergic



good coverage



professional-grade tinting in diluted, light colours

Table 1 (continued)

Characteristics	
film thickness	about 100 µm for single-coat application (E ₂ according to DSTU EN 1062-2012)
Classification according to DSTU EN 13300-2012	intended use: surface finishing; chemical type of binder: copolymer
heat resistance	finished coating withstands temperatures from 0 °C to 50 °C.
resistance to washing	class 3 (according to DSTU EN 13300-2012)
substrate and ambient temperature during application	from +5 °C to +30 °C
application mode	paintbrush, roller, sprayer Use a 0.018–0.023" nozzle for high-pressure spraying.
drying time	drying time: min. 2 hours at an air temperature of 20±2°C and humidity of 60±5% to reach dryness level 3. Film resistance to effect of static water after 24 hours at air temperature of 20±2°C and humidity of 60±5%. Drying time increases with lower temperature and relative air humidity
packaging	plastic buckets: 12 kg

The recommended drying time specified in the table is based on application temperature of 20–22°C and humidity of 60%. Lower air humidity and temperatures require longer drying times (6–10 hours at +5°C).

Standards

Declaration of Performance No. CPR 1/026.

Table 2

 	
density	1.28 kg/l
VOC content	≤ 30 g/l

Application

Painting conditions

Surface and air temperature should not be less than +5°C or more than +30°C. Relative air humidity should not exceed 80%. Moisture content of the treated surface should not exceed 4%. Avoid draughts, exposure to wind and direct sunlight.

Working surface preparation

Follow the requirements specified in DSTU-N B A.3.1-23:2013 and DBN B.2.6-212:2016 for substrate preparation. The substrate to be painted should be dry, free of dust, dirt, salt efflorescence, oil stains and other substances that reduce adhesion. Remove white lime paint, then wash the surface with water. Fresh lime-cement based surfaces should be properly cured before application of the paint coat as specified in datasheets for the respective products. If necessary, finish the surface with lime plasters and ECOSHTUK putties, sand and clean off dust. Prime surfaces with ECOSHTUK LIME PRIMER. When using with ECOSHTUK system, do not apply the primer before painting FAT LIME PUTTY surfaces.

Paint preparation

The paint is a thixotropic material. It gets thicker under static conditions, but becomes thinner when thoroughly stirred to meet the required paint specifications for performance of works. Therefore, mix the paint thoroughly before use. Water (no more than 5%) can only be added after mixing thoroughly. Prepare sufficient amount of paint in one container to avoid any shade differences of the tinted paint when painting a continuous surface. If you have to apply paint of different batches, it is recommended that you arrange interfaces along edges of structural members to make them less visible.

Dilution

May be diluted to 5%, but only after mixing thoroughly.

Painting

Application to uncoated surfaces

It is recommended that you apply 2 coats with a brush, ceiling brush or by spraying. Depending on conditions, the drying time of each coat is 2-4 hours. The coating reaches full strength and water resistance one month after application.

Repair painting

The paint can be used for repairing surfaces painted with ECOSHTUK MATTLATEX LIME PAINT. Other water-soluble paints of class 3 may also be used, though microclimate performance will be lost.

Storage conditions

Store in the tightly packed original packaging, in dry conditions (preferably on pallets) at a temperature of + 5 °C up to + 30 °C. Avoid freezing and exposing to direct sunlight!

The period of suitability for use under conditions that meet these requirements is 12 months from the date of production indicated on the packaging.

Additional Information

- Wash the tools with water immediately after use.
- Protect the surface from exposure to direct sunlight, wind and precipitation during performance of works and drying period.
- The paint does not pose a physical hazard or health risk under normal conditions of use. Use protective clothing, gloves, protective goggles when working with paint. In case of contact with skin, wash off with water; in case of contact with eyes, rinse with water and seek medical advice.
- The paint does not contain any organic solvents, is non-toxic and fireproof; VOC content complies with the requirements of Directive 2004/42/EC (<30 g/l).
- Environmental safety. Do not discard into drains, water bodies or ground. Dispose of liquid material at special waste collection point. Dispose of empty containers and solid material as construction waste.

Special Information

The reliability of this data is based on laboratory tests and practical experience and is valid on the date that is specified in the technical specifications.

The quality of the material is provided by a brand quality system that meets the requirements of the international standard ISO 9001.

Application, performance of work when using the product should be carried out in accordance with the current regulatory documentation.

The manufacturer cannot be held liable for damage caused by violation of the product application rules which are indicated in the technical specification issued or when it is used for the wrong purpose.

The information contained in the technical card provides basic data relating to the application of the product and does not release from the obligation of performance of works in accordance with building codes and safety regulations. Since the issuance of this technical card, all previous ones have been cancelled. The current technical documentation of the product is available on drive.polimin.ua or polimin.ua in the relevant language section.

27.07.2018