

Latex paint for exterior and interior "Matllatex"

Specification

It provides increased hardness and abrading resistance of the coated surface. It is resistant to intensive repeated washing (resistance to wet abrasion - 1st class according to DSTU EN 13300). It is resistant to weathering and moisture. It provides high surface permeability (according to DSTU EN 1062). It creates a matt finishing coat that completely allows the walls "to breathe". It effectively covers microcracks of the coated surface. It has a high application rate. It is easy to apply. It does not run and spill during application.



Sphere of application

It is intended for coating mineral surfaces (plaster, brick, concrete), gypsum and wooden surfaces, wallpapers and fiberglass wallpapers as well as for facades of buildings.

It is recommended for coating of walls and ceilings in dry and wet spaces with high exploitation load and also for surfaces which require high wear-proof property and washability (office and living spaces, hotels, restaurants, shops, medical, infant and educational establishments, public buildings), and also for coating of facades of livings, industrial, administrative, commercial, storing and other buildings.

Technical data

Consumption standard of 1 layer	120-150 g/m ² . Depending on the way of application and the type of surface.	Water permeability (DSTU EN 1062-3)	maximum 1,0 kg/(m ² *h ^{0.5}), (high, W ₁), DSTU EN 1062-1)
Thinner	Water. It is allowed to dilute it up to 10% of the total weight of the product.	Vapor permeability (EN ISO 7783-2)	minimum 150 g/(m ² *day), (high, V ₁), DSTU EN 1062-1)
Application	It is applied with a roller, a brush or a spraying gun.	Marking acc. to the DSTU EN 1062-1	G ₃ E ₁ S ₁ V ₁ W ₁ A ₀ C ₀
Drying period (23 °C, 50% RH)	maximum 1 hour. The drying period increases as the temperature is getting down and relative air humidity is increasing.	Contrast ratio of dry film (ISO 6504-3)	min. 98 %, 2 class of hiding power (acc. to DSTU EN 13300)
Color base	A, TR. It is shaded according to NCS color range.	Wet-scrub resistance, microns (DSTU ISO 11998)	< 5 (after 200 cycles)
Solids content (DSTU ISO 3251)	60±2 % (base A), 53±2 % (base TR)	Wet-scrub resistance class (DSTU EN 13300)	1
Density (DSTU ISO 2811-1)	≈ 1,54 g/cm ³ (base A), ≈ 1,39 g/cm ³ (base TR)	VOC content (ISO 11890)	< 15 g/L
Gloss (DSTU ISO 2813)	Maximum 5 GU at 85° (matt, G ₃ , DSTU EN 1062-1)	Warranty period	24 months
Dry film thickness	50-100 micron, (E ₂ , DSTU EN 1062-1)	Packaging	Base A - 1,4 kg, 4,2 kg, 7 kg, 14 kg, 20 kg Base TR - 1,2 kg, 3,6 kg, 6 kg, 12 kg, 18 kg
Particle size	maximum 30 micron, (fine-grained, S ₁), DSTU EN 1062-1)	Color	base TR, white (base A).
		Gloss	matt.

Composition

Acrylic latex, pigments, water, extenders, additives.



Tinting

It can be tinted manually with Pigment Concentrate Farbex Color, other waterborne coloring pastes or with a coloring machine acc. to NCS color range and others.

Application instruction

1 Surface preparation

Uncoated surface: clean it from fragile surfaces till the hard base surface. Remove dust, oil, grease and other dirt.

Previously coated surface: clean thoroughly the surface from old loose coats (pealed coats of paint or varnish) in a mechanical (a wire brush or a scraper), thermal (a hot air dryer, infrared radiation) or chemical (paint removing products) ways. Chalk and lime-chalk whitewashes shall be removed till hard surface in a mechanical way. The surface shall be cleaned from different dirt. Surfaces, previously coated with alkyd or oil enamel, shall be sandpapered. After that, treat the surface as the uncoated one.

Non-significant defects of the mineral surface shall be corrected with Finishing Putty TM Farbex. Then sandpaper the surface.

It is recommended to treat the surface with Antiseptic product TM Farbex for protection against mould and fungi.

2 Priming

Previously treated mineral and wooden surfaces need no undercoating.

Previously untreated absorbing mineral surfaces shall be undercoated with acrylic deep-penetrating primer TM Farbex.

Previously untreated wooden surfaces shall be undercoated with wood protective acrylic primer TM Maxima.

3 Applying

Stir the paint thoroughly before use. If necessary, dilute it with water. Abnormal dilution makes the quality of the coating worse. Coatings shall be performed at the temperature of the air and the surface under application from +10 °C to +30 °C and relative air humidity less than 80%. Apply the paint in 1-2 coats with a brush, a roller or a spraying gun.

Do not apply the paint under direct sunlight, strong wind, frost and precipitation. After the coating is applied it shall not be affected with precipitation and sub-zero temperatures for 8 hours.

4 Tool cleaning

Clean tools with water after application. Do not let them dry. The dry product shall be removed from the tools in a mechanical way.

SAFETY

Do not mix with other products and (or) organic solvents! Keep in tightly closed original containers at the temperature from +5 °C till +35 °C. Keep out of moisture, direct sunlight, frost and out of reach of children. During application use personal safety gear (work clothes, rubber gloves, a respirator and safety glasses). If application is indoors well-arranged ventilation shall be provided. If skin contact, wash thoroughly with water and soap. If eye contact, rinse with plenty of running water. Consult a doctor if necessary. VOC content: cat. A/a (WB): < 30 g/l. Actual VOC content ≤ 15 g/l. More detailed information you can read in the safety data sheet. The product has a sanitary-epidemiological conclusion of the state expertise.

ENVIRONMENTAL PROTECTION

Do not empty into drains, ponds and in soil! Liquid rests shall be delivered to the waste drop-off point. Rests of dry products and empty containers shall be recycled as common construction waste, in accordance with the Law.

The authenticity of this information is based on laboratory tests and practical knowledge. The quality of the product completely corresponds to the demands of TU U 24.3-2318370-001:2006. As a manufacturer, the company isn't responsible for the damage caused by application, which is not in accordance with the directions. Applicability of the product for specific purposes shall be defined entirely by the consumer. Current information loses validity with the issue of a new edition.

