

LIME INTERIOR PAINT

Bio apnena notranja barva

LIME EXTERIOR PAINT

Bio apnena fasadna barva

SLAKED LIME

Apneni belež

General Description and Fields of Application

Lime paints are environment friendly slaked lime-based mineral paints. **LIME INTERIOR PAINT** and **LIME EXTERIOR PAINT** are technologically prepared for simple applications with a roller instead of a brush or spraying like most of the classically prepared lime whitewashes.

Both paints have all properties of classical lime coatings, especially strong disinfecting and natural fungicide and bactericide effects and above all better resistance to dry cleaning compared to classical lime paints. The paints are suitable for preservation of monument buildings as well as residential areas, especially for decorative protection of wall and ceiling surfaces in areas with slightly higher humidity.

LIME EXTERIOR PAINT is especially intended for decorative protection of old loose peasant architecture foundations. If protected with a water-repelling coating it is also intended for more sophisticated treatments of façade surfaces of architectonic heritage buildings in old-city cores and castle and church houses, where the demand for lime-based paints is explicitly expressed. With additional protection of silicone water-repellant products (JUBOSIL H), thoroughly.

the paint can be also resistant to unpleasant climate conditions, smoke, ultraviolet radiation and other environmental factors.

SLAKED LIME is a clean fine-grind slaked lime and it is a quality substitute for the lime whitewashes made from classically slaked and aged lime. It is especially used for disinfecting coating of interior and exterior (if appropriately protected against rainfall) wall surfaces of the storage houses, larders, cellars, shelters, barns etc., and also as a protecting and disinfecting agent in agriculture, e.g. protection of fruit tree trunks in winter.

All lime coatings are exceptionally water vapor permeable, painted wall and ceiling surfaces get distinctive (fresh) lime scent and mild (silky) gloss.

Composition

Slaked lime, extenders and special additives.

Colour shades: white. Tinting – to mild pastel shades – is possible with some pulverized oxide pigments, however, the procedure is demanding and it is not recommended to non-experts.

Substrate

Substrate must be solid, dry and clean, without weakly bound

particles, dust, oil stains or other filth. Newly applied plasters/renders must be dried for 3-4 weeks (for each cm, at least 7 – 10 days. (T = +20 °C, R.H. = 65 %). Surfaces infected with wall mildew must be disinfected prior to painting.

Suitable surfaces: all mineral surfaces with good absorptive properties and not too-rough plasters, new and old lime and lime-cement fine plasters. Application to mineral decorative plasters and also old lime coatings and tightly adhered JUPOL range paints, is possible.

Unsuitable surfaces: Surfaces painted with chalk-based (water dissolving coats) and emulsion paints, surfaces painted with oil paints, lacquers, enamels, plastic compounds and wooden surfaces.

They are not recommended for protection of wood particle boards (MDP), fiber-cement boards and concrete.

Application of Paints

Apply appropriate primer to the clean surface prior to painting. Paints are usually applied with roller or brush. These paints can also be applied by spraying.

ATTENTION! Before applying lime paints, protect window glasses, doorframes, window frames and window shelves.

	LIME INTERIOR PAINT	LIME EXTERIOR PAINT	SLAKED LIME
Application	Brush, roller, spraying: always at least 2 coats	Brush, roller, spraying: always at least 2 coats	Brush, roller, spraying: always at least 2 coats
Primer (unpainted surfaces only)	LIME INTERIOR PAINT + 30 % water (170 ml/m ²)	<ul style="list-style-type: none"> LIME EXTERIOR PAINT + 30 % water (170 ml/m²) AKRIL EMULSION : water = 1 : 1 (100 ml/m²) * JUBOSIL G : water = 1 : 1 (100 ml/m²) * 	SLAKED LIME + 30 - 50% water
Consumption	app. 200 ml/m ² (two coats)	app. 250 ml/m ² (two coats)	app. 250 ml/m ² (two coats)
	Depends on coarseness and absorption of the surface. Exact coverage can be estimated on the site.		
Drying time (20°C, 65 % R.H.)	Dry to touch: app. 4 – 6 hours. Dry to recoat: 24 hours.		
Protect against rainfall	app. 24 hrs		
Thinning	Up 10% with water, if necessary. Mix the paint thoroughly before thinning with water.		
Packaging	Plastic containers 5 l, 16 l	Plastic containers 5 l, 18 l	Plastic Containers 5 l, 16 l
Storage	12 months, PROTECT FROM FREEZING, keep from direct sunlight.		Unlimited, PROTECT FROM FREEZING, keep from direct sunlight

* Note: Especially when the façade surfaces are additionally protected with water repellents (JUBOSIL H).

Application Temperature:

Air and surface temperature for application should not be lower than +8 °C and not higher than +35 °C, R.H. < 80%.

Protect the façade surfaces against the sun, wind and rainfall with curtains; however do not apply the paint in rain, fog or strong wind (≥ 30 km/h), even with such protection.

Waste Handling

Liquid waste:

EWC: 08 01 19*. Liquid waste must not be disposed together with domestic wastes, poured into water or sewage system. After hardening deposit as waste building material

(**EWC: 17 09 04**) or municipal waste (**EWC: 08 01 12**) in accordance with national regulations
Packaging may be recycled after appropriate cleaning.

Safety at Work

Besides general instructions and regulations for construction and painting works consider that the lime paints contain lime and are classified as hazardous labeled with **Xi**, IRRITATING.
R 36/38 Irritating to eyes and skin.
S 2 Keep out of reach of children.
S 24/25 Avoid contact with skin and eyes.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 28 After contact with skin, wash immediately with plenty of water.
S 37/39 Wear suitable gloves and eye/face protection.

Tool Cleaning

Thoroughly clean all the tools with water immediately after use.

Technical Data		LIME INTERIOR PAINT	LIME EXTERIOR PAINT	SLAKED LIME
Density (kg/dm ³)		app. 1,50	app. 1,40	app. 1,20
Water vapour transmission EN ISO 7783-2	μ value (-)	μ < 120	μ < 300	μ < 90
	Sd value (m)	d=150μm: Sd<0,02 Class I high water vapour permeability	d=100μm: Sd<0,03 Class I high water vapour permeability	d=150μm: Sd<0,02 Class I high water vapour permeability
Liquid water permeability w (kg/m ² h ^{0.5}) EN 1062-3		/	W _{24h} 1,6 Class I high absorption	/
Wet Scrub Resistance EN 13300		The coatings are not resistant to wet cleaning.		

Health Integrity

Based on researches at the Institute of public health in Maribor, the dried coats of lime paints are not hazardous to health.

Quality Control

ISO 9001 and ISO 14001.
Factory production control and occasional testing at various independent professional institutions, home and abroad.

Link to Other JUB Products

See also Technical sheets:
01 Primers,
16 Jubosil H

Technical instructions in this brochure are based on our experiences and are given as a guideline for achieving optimal results. Because of the changes in colour shades of natural aggregates, minor differences in colour shades are possible among the products from different production batches, which cannot be the subject to any claim. Colour shade variations, caused by application of the paint on surfaces with different coarseness and absorbing properties or technique and condition of the applications, cannot be subject to any claim. We cannot take any responsibility for the damage, caused by incorrect choice of the product, incorrect use or unprofessional work. We reserve the right to change the technical data of our products without notice as a result of our own development work or as a result of other technical progress. This technical sheet supplements and replaces all preceding editions.

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JUB kemična industrija d.d., Dol pri Ljubljani 28, 1262 Dol pri Ljubljani, SLOVENIJA
tel.: (01) 588 41 00 h.c., 588 42 17 Sales, 588 42 18 (080/15 56) Technical Support; fax: (01) 588 42 50 Sales,
e-mail:jub.info@jub.si; http://www.jub.si

