

LIMEPAINT

Water-based, highly breathable, full-coverage indoor paint

Highly covering and breathable liquid coating, lime based, used as a finish for interior walls and ceilings. The product is designed to finish thermo-acoustic plasters made of *Diathonite*, as it does not occlude porosity and does not alter permeability characteristics.

BENEFITS

- Quick and easy to apply;
- Highly breathable;
- Respects the thermo-hygrometric balance of the substrate;
- Antibacterial;
- Non-toxic;
- Solvent free product.

YIELD

0.35 kg/m².

1 gallon covers about 186.27 ft².

COLOUR

White.

Limepaint can be produced in any RAL colour.

PACKAGING

20 kg (3.30 gal U.S.) plastic bucket.

Pallet: 48 buckets (960 kg – 158.50 gal U.S.).

APPLICATION FIELDS

The product is suitable for decorating interior walls and ceilings, for coating dehumidifying plasters made with the Diasen dehumidifying system, for finishing acoustic plasters made with *Diathonite Acoustix* and for coating dry, compact, absorbent and cohesive mineral plasters.

STORAGE

Store the product in its unopened packaging in

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a covered, dry place, away from sunlight, water and frost, at temperatures between +5°C and +35°C. Storage time: 24 months.

PREPARATION OF THE SUPPORT

The substrate must be completely cured, dry and sufficiently resistant. Apply on sufficiently cured and adequately shrinking substrates. The surface must be thoroughly clean, well consolidated, without crumbling or loose parts and perfectly leveled. If the substrate has already been painted, remove any paint that is peeling off; then fill any imperfections and sand. The sub-layer temperature must be between +5°C and +35°C. To avoid the appearance of cracks, it is recommended that the paint be applied 30 days after completion of the skim coat.

MIXING

Dilute the product with 30-40% water. Before applying, mix the mixture with a drill mixer. The water specified is indicative. It is **possible** to obtain a product with a more or less fluid consistency depending on the application to be carried out. Never add foreign components to the compound.

APPLICATION

1. Apply fixative impregnant *D20* by brush or roller.
2. When the fixative is completely dry, apply a first coat of Limepaint by brush, roller or airless and wait for it to dry completely.



The indications and prescriptions given, while representing our best experience and knowledge, are to be considered indicative and must be confirmed by exhaustive practical applications. Diasen does not know the specifics of the application and even less the determining characteristics of the application support. Therefore, before using the product, the applicator must in any case carry out preliminary tests to verify its perfect suitability for the intended use and, in any case, assume all responsibility that may arise from its use. In the event of any uncertainties or doubts, contact the company's technical office before starting work, it being understood that this support is merely an aid for the applicator, who must in any case guarantee that he/she possesses adequate skills and experience for laying the product and for identifying the most suitable solutions. Always refer to the latest updated version of the technical data sheet, available at www.diasen.com, which cancels and replaces all others.

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3. Apply a second coat until the primer is completely covered. For a better result and a more homogeneous coating, it is advisable to cross the layers

DRYING TIME

At a temperature of 23°C and 50% relative humidity, the product dries completely in 6 hours.

- Drying times are influenced by the relative humidity of the environment and the temperature and can vary significantly.

SUGGESTIONS

- Do not apply at temperatures below +5°C and above +30°C.
- During the summer season apply the product during the cooler hours of the day.

- Do not apply with relative humidity higher than 70%.
- Indoor product, do not apply outdoors.
- If used as finishing of *Diathonite Acoustix*, apply *Limepaint* in order not to occlude the porosity of the plaster so as not to decrease its sound absorbing capacity.

CLEANING

The equipment used can be washed with water.

SAFETY

During handling, use personal protection equipment and follow the safety data sheet for the product.

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* These data, even if carried out according to regulated tests are indicative and they may be change when specific site conditions vary.

Technical data*		
Features		Unit
Yield	0,35 kg/m ²	kg/m ²
Aspect	Semi-dense	-
Colour	White <i>Limepaint can be produced in any RAL colour</i>	-
Dilution	30-40% water	-
Waiting time between 1 st and 2 nd coat (T=23°C; U.R. 50%)	6	hours
Application temperature	+5 /+35	°C
Max humidity	70%	-
Drying time (T=23°C; U.R. 50%)	6	hours
Storage	24 months in original container and in dry places	months
Packaging	20 kg (3.30 gal U.S.) plastic bucket	kg

** 1000 hours of accelerated ageing corresponds to approximately 5 years. This correspondence is purely indicative and may vary considerably depending on the climatic conditions of the place where the product is used.

Final performances		Units	Regulations	Results
Weathering Test**	1000 hours (> 5 years**)	hours / years	UNI EN ISO 11507	-
Film formation temperature	+5	°C	-	-



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DIASEN Srl - Z.I. Berbentina, 5 - 60041 Sassoferrato (AN)
Tel. +39 0732 9718 - Fax +39 0732 971899
diasen@diasen.com - www.diasen.com

