
Marble Pit Lime

- wood-burnt, 2 years old -



Product Information
882

- **GENERAL**

High-quality raw material for manufacturing lime paints and pit lime plasters for use in the interior and exterior.

The marble lime is wood-burnt and stored for at least 2 years in a pit.

Due to the long storage, this pit lime is especially suitable for manufacturing lime paints. Lime coatings and lime plasters harden by conversion of calcium hydroxide with carbon dioxide (contained in the air) to water-insoluble calcium carbonate. They are fungicidal and maintain the water vapour permeability of the masonry.

- **APPLICATION**

Suitable surfaces for application are untreated lime plasters, lime cement plasters and trass lime plasters. Cement plasters and concrete should only be coated with pit lime in the interior.

Not suitable for application on gypsum plasters, plasterboards, fibrous plaster boards, glue-bound distemper, emulsion paints, metal, wood, wallpaper, and plastic surfaces.

- **PROPERTIES**

Pit lime coatings and plasters are:

- diffusible
- disinfectant
- humidity-resistant
- fungicidal
- low-tension drying

- **INGREDIENTS (FULL DECLARATION)**

Water, wood-burnt marble lime

- **NOTES FOR APPLICATION**

The following information regarding application and mixing ratio is just recommendations and are not mandatory. Diversions due to conditions on site or historical experiences can be necessary and should be made by an operator with experience in working with lime.

For interior application we alternatively recommend our ready-to-use pit lime paints, best covering in only 2 layers:

Pit Lime Paint (Art.No. 888)

Pit Lime Paint -textured- (Art.No. 886)

- **PREPARATIONS**

Thoroughly brush all surfaces. Remove surplus bonding agents or sintering skin on concrete and plasters. Check old coatings for good adhesion; remove if necessary.

Old lime coatings to be primed with Marble Pit Lime (diluted 1 : 5 with water)

On Clay plasters the first coat with Marble Pit Lime (diluted 1 : 3 with water) to be applied thus clay and Pit Lime get mixed.

- **USAGE**

The best durability of a lime coating is achieved if the first coating is applied onto the fresh, still humid lime plaster.

The ideal way to apply Pit lime is the so called "fresco"-technique, whilst all necessary coatings are painted immediately onto the just dried but distinct cool/humid pre-coats.

The application of lime paint is done crosswise with a facade brush. Do not spray or roll.

- **LIME COATINGS (INTERIOR / EXTERIOR)**

The dilution ratio for a lime coating is 1:3 (1 volume part of pit lime on 3 volume parts of water).

To improve coatability, a little amount of linseed oil varnish can be added for all coatings to the lime paint (2-3 spoons on 10l of pit lime).

The linseed oil varnish is stirred into the pit lime first, then it is diluted with water.

Do not use linseed oil varnish for the first coating on fresh lime plaster, but for the following coatings.

Additionally or alternatively low fat curd cheese can be added to all coatings (500g of low fat curd cheese on 10l of pit lime) to achieve improved weather resistance by forming lime caseinates.

Just like the linseed oil varnish, the curd cheese is mixed into the pit lime first and then diluted with water.



- **HYDROPHOBING**

As a last work step the lime paint can be treated with a diluted soft soap sud (100 - 200g of soft soap or Marseille soap dissolved in 10l of warm water) to achieve improved surface protection by hydrophobising by forming lime soaps. For best results apply the warm solution onto the just dried last coat of lime. This method is especially recommended for facades without suitable roof overhang and therefore more exposed to intense rain.

- **TINTING**

Marble Pit Lime can be tinted with up to 5% of limefast pigments. Suitable are all KREIDEZEIT earth- and mineral pigments, except from Cassel Earth and Sootblack. The pigments should be slaked properly in water, better sinter water before adding them to the lime paint.

- **APPLICATION TEMPERATURE**

Best results at temperatures between 8-20°C at a humidity between 60-80%.

- **DRYING TIMES**

Allow each coating 12hrs of drying time to ensure proper hardening.

- **YIELD**

10l resp. 12kg of Marble Pit Lime cover 3 coatings on 50m² if diluted 1:3.

- **PACKAGE SIZES**

Art.No. 882 12kg

Please refer to the valid pricelist for product prizes.

- **STORAGE**

Stored above zero degrees centigrade and covered with water, the quality of Pit Lime improves year by year.

- **HAZARD CLASSIFICATION**

Xi - irritant

- **SAFETY ADVICE / NOTES**

Surfaces not to be coated must be protected from splashes. Danger of irreversible stains. Contains calciumhydroxide.

Risk of serious damage to eyes.

Keep out of the reach of children.

Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear eye/face protection.

The above information has been compiled in accordance with the best of our experience and knowledge. Owing to the application methods and environmental influences, as well as the various surface properties, no liabilities or legalities pertaining to the individual recommendations can be entertained. Prior to application, the suitability of the product is to be tested (trial coat). The validity of the text ceases with revisions or product modifications.

You will find the latest product information at
>> www.kreidezeit.de << or directly at Kreidezeit.

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