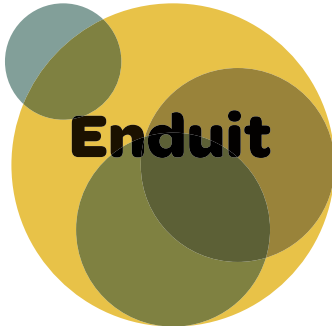




S MATIÈRES
MARIUS AURENTI



Material



Aerated lime fine coating ($<0,7\text{mm}$)

Definition

A coating made of aerated lime, silicate, additives, hydraulic binders, silica sand, and natural pigments intended for the manufacture of fine coatings, stucco, and whitewash. The lime/silicate combination provides very strong adhesion to the substrate. It allows gas exchange and lets walls breathe, promoting their durability and the quality of the living environment.

Fine lime coating is dyed in the mass with natural pigments, and provides a wide range of options for interior and exterior decoration. It lets you create coatings with visible grain, smooth coatings, stucco coatings, and whitewashes. Its final appearance is imparted by the tools and movements used to apply it.

It can replace traditional whitewashes as defined in Appendix 3 of DTU 26.1.

Preparing the substrate and application conditions

The substrates defined in DTU 26.1 are allowed in the case of application on a coating body or Ma's facing coating.

It is applied to new or old surfaces already coated with Ma's lime facing coating.

The support must be moistened before application; this should be done one day earlier if the substrate is very absorbent.

To avoid excessively fast drying and for ease of application, it is recommended that you do not apply this product to a surface exposed to direct sunlight. Do not apply to a frozen or thawing surface. Do not apply to a horizontal or sloping surface.

Do not apply if the temperature of the air or the substrate is below 5°C or if there is a risk of freezing within 24 hours.

Application

The coating is applied by machine or manually.

Mix the dry powder to aerate it before use.

Mixing is a two-stage process:

For a manual application, place in the mixer with 4.5 to 5 litres of water for 20 kg and mix to obtain a uniform mixture. Leave the mixture to rest for 10 to 15 minutes, and then mix again. The coating then achieves its expected texture.

The second step in applying the coating depends on the desired result:

Stucco : 0.5 to 2 l

Whitewash : 6 to 8 l

Smooth coating : 2 to 3 l

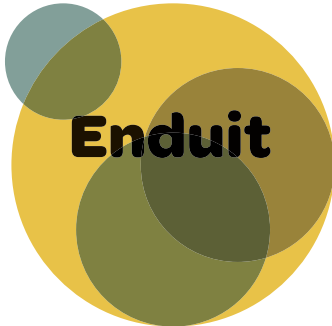
Brush or sponge-applied coating : 4 to 5 l



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The total maximum thickness shall not exceed 1 mm under any circumstances for a decorative finish. Consult our technical department for information about applicator tools and how to create decorative effects.

In order to guarantee the uniformity of the colour and effects, it is important to consistently use the same procedure and dosage.

Time of use: approximately one hour.

Whatever the desired finish, you should work with the product that reacts to the ambient conditions, and choose the right moment to exploit all the qualities of the decorative effects.

The carbonation of lime is a slow, natural process, and over time it gives this material its durability.

Characteristics

Granulometry

0 to 0.7 mm

Density

0.75 kg/litre

Aerated lime/binder dosage

$> 70\%$

Vapour diffusion

1.4 g/m HmHg

Application temperature

$\geq 5^{\circ}\text{C}$ / $\leq 30^{\circ}\text{C}$

Water retention

76.2

Density/mixed

1500 Kg/m³

Elastic modulus:

$< 3000\text{ MPa}$

Organic and vegetable additives

$< 2.5\%$

Mineral additives

$< 7.5\%$

Fire behaviour

A1

Storage

12 months in a dry location in the original packaging on a wooden pallet.

Consumption (indicative)

Stucco = 1.2 to 1.4 kg/m for one coat

Smooth = 1 to 1.2 kg/m for one coat

Whitewash = 0.4 to 0.6 kg/m for two coats

Brush and sponge = 6 to 0.8 kg/m for two coats

Pot life (open)

Approximately 1 hour at 20°C.

Packaging

10 kg pot.

Avoid contact with the skin. Use gloves and wear protective clothing. After any accidental contact with the eyes or mucous membranes, wash immediately with hot water, rinse thoroughly with clean water and consult a doctor. The final appearance and uniformity of the product colour depend on the regularity of the substrate, the mixing, and the application conditions. Protect the products from freezing and severe heat, and keep them in a dry location. All the information in this technical sheet is given for information only and shall not incur our responsibility. Tests must be carried out. Comply with DTU 26.1.