

Ready-to-use lime coating with very fine granulometry for finishing decorative interiors

Application

- As an interior wall coating for monuments and buildings which is also extremely breathable

Properties

- Based on natural hydraulic lime (NHL 3,5), selected natural sands, marble powder and special adjuvants.
- Ready-to-use.
- Due to its very fine granulometry, the coating can be finished with lime or hybrid silane-based paint.
- Highly breathable.
- Minimal risk of shrinkage cracks.

Directions

- **Monolys** can be applied to an uncoated surface as well to Membrasec Blue membrane. The work method for these 2 methods will be described below.

Preparation

- Applying **Monolys** to an uncoated surface:
 - o The surface must be mineral-based, absorbent and made from brickwork, rapid construction bricks, cellular concrete, concrete blocks or concrete walls.
 - o The surface must be clean, free of grease/dust and must not, under any circumstances, present any plaster residues.
 - o The base must have sufficient bearing capacity, be sound and clean, all dust, doubtful and loose layers must be removed.
 - o If any brickwork is present, the joints must be in good condition and should preferably be flat joints.
 - o Any gaps, cracks and excessively deep joints should first be filled, using a hybrid lime or cement-based mortar.
 - o The surface requiring treatment must be pre-moistened thoroughly, depending on its absorbency. Preferably, this should take place on the evening before treatment.
- Applying **Monolys** to Membrasec Blue membrane:
 - o Unstable surfaces may cause cracking in the **Monolys** coating. Above all, it is therefore necessary to ensure that the surface is as level as possible, in order to prevent the appearance of cavities in the Membrasec Blue membrane.
 - o After this levelling coat has dried, the Membrasec Blue membrane should be laid on the surface using Botament M21 Flexlijm adhesive.
 - o As salt can cause problems on historic buildings, the entire treatment must be reversible. In this case, the levelling coat will be added using lime mortars or plasters.
 - o After levelling the surface in this way, you will need to wait at least 7 days before laying the Membrasec Blue membrane using Botament M21 Flexlijm adhesive.

- It should be noted that salt problems are often caused by dampness, which needs to be tackled first. In the event of rising damp, it will be necessary to start by injecting a product. If Membrasec Blue membrane is applied on both sides of the wall after injection, you should wait until the moisture level in the walls has fallen to a maximum of 3m %.

Work method

- Applying **Monolys** to an uncoated surface:
 - Mix the coating with water in a cement mixer for 5-7 minutes.
 - The coating must be applied in two successive layers, either mechanically or manually.
 - It must be applied evenly and levelled with a ruler, using rustproof thickness profiles, if desired.
 - Any imperfections must be levelled out immediately, using a smoothing trowel, before restoring the exact thickness using the ruler.
 - It is important that you apply the **Monolys** finish coat in a consistent and uniform thickness. If the wall is uneven, you will not be able to use a ruler and any unevenness in the wall will be rectified using **Monolys**.
 - When the coating has set sufficiently, it should be smoothed with a sponge trowel. The surface should then be smoothed with the smoothing trowel until you obtain exactly the desired finish.
 - It is also possible to achieve a less smooth finish using the sponge trowel or rectangular brush.
 - After drying, the coating can be finished using Kalkverf Calciana lime paint, Tensiocoat hybrid silane-based paint, Estetik Mat paint, etc.
- Applying **Monolys** to Membrasec Blue membrane:
 - The day after you lay the Membrasec Blue membrane, you will be able to apply a finish coat using **Monolys**.
 - Begin by pre-moistening the surface. Mix the coating with water in a cement mixer for 5-7 minutes.
 - You will first need to apply a layer of **Monolys**, using a scraping action, in order to fill any cavities present in the Membrasec Blue membrane.
 - After waiting for 1-2 days, it will be necessary to pre-moisten the surface again and apply a finish layer with a maximum thickness of 3-5 mm.
 - The coating must be applied uniformly and levelled using a ruler.
 - Any imperfections must be evened out immediately with a smoothing trowel before reapplying the exact thickness using the ruler.
 - The total thickness of the **Monolys** coating on the Membrasec Blue membrane should be ± 6 mm max.
 - Once the coating is sufficiently dry, it should be smoothed with a sponge trowel.
 - The surface should then be smoothed using smoothing trowel until you obtain exactly the right finish.
 - It is also possible to add a rougher finish using a sponge trowel or rectangular brush.
 - After it has dried, the coating can be finished using Kalkverf Calciana lime paint, silane-based Tensiocoat hybrid paint, Estetik Mat paint, etc.

Important remarks

- Do not apply on masonry that has been in place for less than 1 month.
- Do not apply to a frozen surface or if there is any risk of frost.
- Do not add any adjuvants.
- The ambient temperature and surface temperature of the support must be between 5°C - 30°C.

Technical characteristics

Aspect	powder
Type of raw materials	white natural hydraulic lime NHL 3,5 selected types of sand with a granulometry of 0/0,5 marble powder
Color	white
Specific weight	+/- 1,45
Plaster thickness	between 5 and 15 mm
Open time	2 hours at 20°C
Treatment	manually or mechanically
Amount of water	4,3 à 4,7 ltr per bag of 25 kg

Colors

White

Quantity to use

12 kg/m² for a plaster thickness of 10 mm.

Packaging

25 kg

Safety information – Transport – Handling and storage - Waste

Consult the most recent and product-related safety information sheet from Rewah in compliance with the (EU) 453/2010 annex II/A guidelines. The information on the abovementioned safety information sheet has been drawn up with the greatest care and is based on the knowledge available at the date of issue. We accept no liability for damage or hindrance of any kind which could be caused by the use of the product concerned.

Transport and storage

Store the product and its packaging dry and protect against moisture.

Storage life

1 year after manufacturing in the original closed packaging.

Considerations

The data included in this sheet, the application advices and other recommendations are based on extensive research and experience. They are however not binding also in relation to third party liability. They do not protect the customer against checking the products and directions for their suitability for the purpose. The characteristics and properties described are average values and analyses registered at 20°C, variances are tolerated. Our customer service will gladly answer your questions. The rewrite of this sheet replaces all previous sheets.