

Technische Daten Klimasan-F

Uses of Klimasan-F:

This pure mineral insulation plaster is for indoor and outdoor use. Klimasan-Perlit permanently dries out extremely wet areas of buildings. No drains, barriers or similar measures are needed. In **new buildings** it works as a preventative measure against moisture in walls, and against more extreme indoor and outdoor climate conditions. In **old buildings** it can be used as a fast and cheap alternative for drying out and repairing walls permanently.

Technical data:

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| Calculated heat conductivity efficiency: | 0,077 W/(mK) |
| Compressive strength: | 1,6-3 N/mm ² |
| Bending strength: | 0,8 N/mm ² |
| Steam diffusion resistance: | $\mu=6$ |
| Elasticity module: | 2000 N/mm ² |
| Building material class: | A1 |
| Water absorption coefficient: | $>3 \text{ Kg/m}^2 \text{ h}^{05}$ |

Productivity:

50 l (1 bag) of Klimasan-F with 15 l water produces approx. 35-40 l mortar, which covers, for example 1,8 m² with a 2cm thick layer of plaster. The actual consumption must be calculated on the building site. The setting time and the amount of water added depends on, among other factors, the temperature.

Work process (of utmost importance!):

- The old, non-viable plaster must be completely removed. Dust and dampen the working area well.
- Before you put a new layer on the wall repeat the dampening.
- Apply Klimasan-I insulation plaster with a minimum thickness of 2 cm.
- After setting (approx. 1 day) it is possible to treat the last layer of the plaster with a grid or with a sponge and water.
- While the plaster is setting, please take care to keep the room well ventilated.
- The high capillarity and diffusivity of Klimasan-Perlit must not be impaired by the application of any PVC paints



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Storage:

Please store Klimasan-F in a dry place!
The insulation plaster can be used for 9 months.

Processing by hand:

Put the whole bag content in the pug mill mixer with ca. 14 bis 17 l clear water. Dont exceed the maximum mixing time of 5 minutes.

Our suggestion for the plastering machine:

Variety I – Full power (ca. 24 l/min)

- PFT Twister D6 – 3, D7-2,5 (spannschellenfrei)
- Mörteldruckmanometer ø35mm
- Spezieller Mischwendel Klimasan

Please note the suggestions frm the plaster machine producer.

Suggestions for processing with the plastering machine (PFT G4):

It is possible to use every common plastering machine fitted with a special insulation plaster configuration:

- Fill up the tube with 2-3 l of wallpaper paste before you connect it on the machine. It will optimise the material flow.
- Start the machine with ca 450 l/h (gauge glass).
- Before you connect the tube on the machine the consistency of the plaster must be proofed.

Warranty:

By properly processing there is a warranty about 5 years for all Klimasan-Perlit products.

General information:

We assume the warranty for a perfect function and quality of our products. Our products underlie a constant quality control. The Suggestion is based on practical experiences about over 40 years. We don't give a warranty for processing. We keep the general terms of conditions.

For further information about our insulation plaster Klimasan-I and other products

send an Email to klimasan@t-online.de or visit our homepage: www.klimasan-perlit.de.

