

BKM Dehumidifying plaster

technical data sheet

Article-No.: 3311023-01

Product description

BKM Dehumidification plaster is a grey functional plaster designed to support the drying of damp building components in basement rooms. It is vapour-permeable and prevents salts from appearing on the plaster surface, even on salt-laden walls and unsealed building components.

Technical Data

Base:	Cement, silica sand, additives
Color:	grey
Capillary water absorption:	W0
Pot life:	approx. 3 - 4 hours
Application temperature:	above +5 °C
Compressive strength:	(28 days): > 5 N/mm ²
Minimum layer thickness:	2 cm
Maximum layer thickness:	4 cm, two-layers

Application areas

- Indoors in basement rooms (cellars, garages etc.)
- Outdoors as plinth render (up to ground level)
- Salt barrier plaster
- Rapid wall dehumidification after water damage or flooding
- Prevention of moisture and salt damage to permanently damp building components
- Alternative to sacrificial renders (that are not durable)

Product application

Substrate Preparation

The substrate must be adhesive and load-bearing, solid, clean, free from separating and adhesion-reducing substances, and free from tension and movement.

Gypsum-containing substrates and substrates made of cellular concrete are not suitable.

Existing old plaster must be removed up to 80 cm above the damp area, and the brickwork brushed with a steel brush.

Unevenness and open joints should be filled beforehand with BKM Dehumidification plaster; on smooth substrates, a full-surface scratch coat should be applied beforehand with BKM Dehumidification plaster - alternatively, BKM VM Pre-spray mortar can be applied beforehand.

Before applying BKM Dehumidification plaster, the substrate must always be pre-wetted and subsequently treated with BKM MHG multi-bonding primer.

Application (Manual Plaster)

BKM-Dehumidification plaster can be applied manually or with suitable plastering machines. The minimum thickness of the plaster is 2 cm.

BKM Dehumidification plaster should be thoroughly mixed with 4 litres of clean water per 25 kg bag using a mixer or whisk for 3-4 minutes and processed within 60 minutes.

The pot life of BKM Dehumidification plaster is approx. 3-4 hours, depending on humidity and temperature.

During this time, the surface can be smoothed or felled.

Plaster that has already started to set must no longer be processed!

Freshly plastered building components must be protected from drying out too quickly, draughts, and direct sunlight. The generally accepted techniques for plastering work must be observed during application.

Processing (machine plaster)

- Screw jacket D8 1.5
- Process only with post-mixer (use Twister without tension disc)
- Connect water hose to the screw jacket connection
- Maximum hose length 20 m
- Rinse hoses beforehand with lime wash/wallpaper paste
- Start the plastering machine with 350L, then operate at approx. 250-300L
- Residence time in hose max. 15 minutes (risk of blockage)
- Do not interrupt spraying process

The generally accepted techniques for plastering work must be observed during application.

Consumption

approx. 25 kg/m² with 2 cm plaster thickness

Comments

It must be ensured that continuous and adequate ventilation is provided in the relevant rooms to prevent moisture damage or mould formation.

Cleaning of tools

Clean tools with water immediately after use.

Disposal

Legal disposal regulations must be observed. Product residues must not enter sewage or household waste. Powder residues and contaminated packaging belong in special waste. Mix product residues with water beforehand and let them harden. Dispose of according to waste code 01 04 10 (dusty and powdery waste).

Packaging unit

25 kg bag

42 bag pallet

Storage

can be stored cool, dry and frost-free in the unopened original container for at least 12 months.

Hazard warnings

Please observe the valid EC safety data sheet!

Legal notice

These notes are based on our current knowledge and experience, provided that our products are stored and used properly.

Due to different materials and conditions, we cannot guarantee the work result. Our liability exists only in the event of proven intent or gross negligence.

The user is responsible for checking the suitability of the products for the intended purpose. The current product specification should always be considered. We reserve the right to make changes.

Any third-party property rights must be observed.

We guarantee the quality of our products in accordance with our terms of sale and delivery. A guarantee for the success of the application is not assumed. Our technical data sheets provide non-binding advice and require written consent for assurances that go beyond this.

Note:

Please pay attention to the latest product data sheet as the binding source of information.

Further information can be found at:

www.bkm-mannesmann.de