



# BKM.MANNESMANN

WATERPROOFING SYSTEMS

## PRODUCT CATALOG

- INJECTION PRODUCTS
- FACADE PROTECTION
- CLEANERS AND PAINTS
- MORTARS AND PLASTERS
- SEALANTS
- CLIMATE BOARDS



[WWW.BKM-MANNESMANN.DE](http://WWW.BKM-MANNESMANN.DE)

... dry walls guaranteed

# BKM SOLUTIONS



Effective renovation concepts to prevent damp masonry come from BKM.MANNESMANN: the sealing experts from Kamen specialized in manufacturing innovative products to combat moisture and wetness in mineral masonry and processes for removing mold.

To do this, BKM.MANNESMANN AG draws on specially developed product lines as well as proven recipes and formulas from acquiring other companies.

Certifications by independent material testing laboratories represent an important part

of quality management at BKM and are available from various institutes. A large number of products have been tested and certified at the WTA (Scientific-technical working group for building and monument preservation) alone. This makes BKM one of Germany's most respected manufacturers in the field of sealing products for subsequent building sealing. BKM's products are highly regarded internationally and are already exported to over 20 countries.



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# RISING DAMP THE CAUSE

Moisture penetrates from the ground into the building and seeps upwards via the 'capillary effect'. Cellar walls in particular can't release the moisture absorbed in this way and so can become permanently damp. In older buildings, the original waterproofing is often no longer working, or was never applied in the first place, so the masonry is often sitting on permanently damp ground without any protection.

But even in new buildings, the damp proofing is often defective. In order to prevent rising damp over the long term, improvements often need to be made.

Another issue is that damp masonry loses its insulating properties and, in the worst cases, can lead to mould growth and damage to the building structure and furnishings.

WET WALLS

DAMP CELLARS

MOULD

EFFLORESCENCE

FLAKING PLASTER



\* Defective or non-existent horizontal barrier

# HYDROPHOBIC HORIZONTAL BARRIER THE SOLUTION



To prevent rising damp in walls, a horizontal barrier, also known as cross-sectional waterproofing, is required. With the BKM.MANNESMANN system, this type of barrier can be retrofitted. This is done by injection from the interior side, which avoids the need for expensive excavation.

BKM.MANNESMANN horizontal barriers have an extremely long life compared to other methods on the market and form a secure and permanent barrier layer in the masonry. A horizontal barrier can be retrofitted to any type of masonry where this is capillary moisture movement.

PERMANENTLY DRY WALLS

PROVEN INJECTION METHODS

WORKS FOR ANY TYPE OF MASONRY

NO EXCAVATION REQUIRED

TRIED-AND-TESTED PRODUCTS

# TRANSVERSE MOISTURE PENETRATION THE CAUSE

If there is damage to the vertical exterior waterproofing, or if no such waterproofing was ever fitted in the first place, moisture penetration can also occur in the area above a horizontal barrier. The exterior of the masonry is constantly in contact with damp soil and is thus soaked through via the capillary effect. The damp then appears in the interior in the form of discolouration, spalling plaster and musty cellar smells.

The flaking plaster is caused by salts that are flushed out of the soil, or out of the binding agents of the building materials, and transported to the surface. To prevent moisture penetration, the area affected must be permanently protected.

WET WALLS

DAMP CELLARS

MOULD

EFFLORESCENCE

FLAKING PLASTER



\* Defective or no exterior waterproofing.

# HYDROPHOBIC SURFACE BARRIER THE SOLUTION



In the event of transverse moisture penetration, a barrier against rising damp is not sufficient. We offer a permanent solution: the surface barrier. This involves the entire wall surface in contact with the ground being blocked against moisture penetration – a process known as ‘hydrophobisation’. Holes are drilled in a chessboard pattern and the material is inserted into them. This can be done for any homogeneous masonry. This type of subsequent sealing is effective even in hollow bricks provided they have continuous mortar joints. The surface barriers in our system are also supremely durable in comparison to other products.

PERMANENTLY DRY WALLS

PROVEN INJECTION METHODS

SUITABLE FOR ANY MINERAL BUILDING MATERIAL

NO EXCAVATION REQUIRED

TRIED AND TESTED PRODUCTS

# WATER PENETRATION THE CAUSE

If your basement is not just damp but is suffering from water ingress, special measures are required. Water ingress has many possible causes, such as damage to pipes inside the building. If water is getting in from the outside, measures can be taken on the inside. Cracks due to subsidence, defective or non-existent drainage systems or elevated groundwater levels can all cause water ingress.

Water ingress often occurs after heavy rainfall, when it is known as temporarily accumulated seepage water. In this case, the rainwater cannot seep away quickly enough or be drained away quickly enough via a drainage system. It accumulates on the exterior waterproofing over a longer period of time.

If the waterproofing system has not been designed to cope with such pressure, rainwater can ingress via the joint between the floor slab and the masonry. Such water ingress can lead to long-term damage.

A building can also be permanently exposed to pressurised water due to elevated groundwater levels. If the building is not constructed and sealed properly, water will get into the basement.

WATER IN THE BASEMENT

PUDDLING AFTER RAIN

HIGH GROUNDWATER LEVEL

WATER PRESSURE



\* Defective or leaking floor-wall joint.

# THE FLOOR-WALL JOIN THE SOLUTION



The solution is to seal the permeable floor-wall joint in the BKM system. This involves the use of certified and compatible materials that provide permanent protection against pressurised water. These include a two-component resin based on polyurethane, a mineral sealing slurry and a cement-based barrier mortar. The system can prevent water ingress as soon as it is applied and goes on to form a permanent seal.

DRY CELLAR

PERMANENTLY RESISTANT TO PRESSURISED WATER

FOR MASONRY AND CONCRETE

NO EXCAVATION REQUIRED

# BKM HZ125

## Advantages:

- WTA-certified
- Exactly calculable consumption
- Only one row of drill holes necessary
- No clogging of the capillary system in the masonry
- The wall remains vapor-permeable/breathable
- No pre-filling of cavities required

## Properties:

- Water-repellent
- Ready-to-use mixture
- Suitable for moisture penetration up to 99%
- Drill hole spacing 12.5 cm

## Suitable for:

- Brick and clinker masonry
- Natural stone and quarry stone masonry
- Sandstone masonry
- Sand-lime brick and aerated concrete
- Lattice and hollow bricks

## Consumption:

Drill hole spacing: 12.5 cm

Consumption/drill hole: wall thickness in cm x 10.0 = ml



Product	Item No.	Unit
BKM HZ125	P-001-121	1000l IBC
BKM HZ125	P-001-122	200l barrel
BKM HZ125	P-001-123	25l canister

Horizontal barrier

Surface barrier



# BKM

## SOLUTIONS

# BKM HP-HZ

Properties:

- Water-repellent
- Water-dilutable
- Low consumption
- Tested for moisture penetration up to 95%
- Active ingredient: alkali silicate silicate

HP-HZ is a solvent-free, water-dilutable concentrate for injecting into mineral masonry to create a horizontal barrier against rising damp above backwater and pressurized water levels in mineral masonry. HP-HZ is WTA-certified and tested up to 95% moisture penetration according to WTA leaflet 4-4-04 „Wall injection against

capillary moisture“.

The dilution of the concentrate with a moisture penetration degree up to 95% is 1:2 (1 part HP-HZ : 2 parts clean tap water).

Consumption:

Approx. 9 l/m<sup>2</sup> masonry cross-section (depending on material)



Product	Item No.	Unit
BKM HP-HZ	P-001-111	200l barrel
BKM HP-HZ	P-001-112	25l canister
BKM HP-HZ	P-001-113	10l canister

Horizontal barrier

Solvent-free



# BKM HZ-C Injection Cream

BKM HZ-C is a ready-to-use, highly concentrated, oil-free, silane-based, aqueous injection cream. In the masonry, after penetration, injection leads to waterproofing the capillaries and penetrates into the finest ones thanks to a special formulation. The penetration of BKM HZ-C takes place through diffusion and the independent suction of the masonry.

Areas of application:

BKM HZ-C is used for subsequent injection against capillary rising moisture and is also highly effective at moisture penetration rates above 95%. BKM HZ-C has an active silane content of over 80%. Due to its creamy con-

sistency, BKM HZ-C can be used without time-consuming preparatory work, such as pre-filling cavities.

Properties

- WTA and OFI-certified
- Can be used with moisture penetration up to 95%
- Solvent-free
- Ready to use

Consumption:

Approx. 3-5 kg/m<sup>2</sup> masonry cross-section



Product	Item No.	Unit
BKM HZ-C Injection Cream	P-001-141	25kg unit
BKM HZ-C Injection Cream	P-001-142	10kg unit
BKM HZ-C Injection Cream	P-001-143	600ml tubular bag
BKM HZ-C Injection Cream	P-001-145	a bundle of 12 x 600ml tubular bags

Horizontal barrier

Ready to use



# BKM SEF-2K

**Advantages:**

- Can be set as soft elastic, flexible or hard material
- Adheres very well to damp and dry surfaces
- The surface adhesion is very important for sealing against high water pressures
- Relatively long pot life
- Can also be used at high and low temperatures

**Properties:**

- Two-component
- Water-reactive
- Phthalate-free
- Excellent penetration into fine cracks

**Consumption:**

Approx. 3-5 kg per meter (wall thickness 36 cm) or depending on the cavity. All data are laboratory values.

**Area of application:**

BKM SEF-2K is used both for the sealing injection of wet (water-bearing), damp and dry cracks, joints and cavities, and for sealing floor-wall connections.

Product	Item No.	Unit
BKM SE-2K (component A)	H-001-306	5kg tin canister
BKM SE-2K (component B)	H-001-307	5kg tin canister
BKM SE-2K (component A)	H-001-308	10kg tin canister
BKM SE-2K (component B)	H-001-309	10kg tin canister

**PU hybrid injection resin**

**For cracks and cavities**



# BKM SH-1K

BKM SH-1K is used for sealing injection as a water stopper in the case of strong or flowing water in cracks, joints, cavities, crevices and fissures in civil engineering. Typical areas of application are e.g. tunnel construction, sheet pile sealing, mining, special civil engineering and as pre-injection in water-bearing cracks, before an injection of BKM SEF-2K.

- Foams in seconds
- Reacts on contact with water
- Closed cell foam
- Dimensionally stable, no shrinkage after hardening
- Low viscosity
- Injection with a 1K injection device
- „Made in Germany“

**Advantages:**

- Adjustable reaction time
- Up to 30-fold increase in volume with free foaming
- Hard elastic
- Phthalate-free

**Consumption:**

Depending on the cavity occurrence

Product	Item No.	Unit
BKM SH-1K PU foam resin	H-001-317	bundle 5kg canister + 0,5kg can

**PU foam resin**

**Fills cavities – Stops water**





# BKM Injection Gel

## Areas of application:

BKM Injection Gel is used for curtain injection into the adjacent soil, surface injection into the building structure (e.g. masonry), and subsequent expansion joint sealing.

- Mixing ratio: 1:1 (component A: component B)
- Reaction time: depending on the addition of the accelerator and the temperature
- Consumption: depending on the cavity occurrence and the area of application
- Surface sealing in the wall: approx. 20 kg/m<sup>2</sup> (mixed gel)
- Curtain injection: approx. 30 kg/m<sup>2</sup> (mixed gel)
- Expansion joint injection: approx. 1 kg/l cavity

## Properties

- Hybrid structure acrylate gel
- Highly elastic, flexible and very low viscosity
- Solvent and phenol-free

## Consumption:

Depending on the cavity occurrence and the area of application

Product	Item No.	Unit
BKM Injection Gel component A1	H-001-351	28kg canister
BKM Injection Gel Accelerator component A2	H-001-352	1,25kg canister
BKM Injection Gel Granules component B1	H-001-353	1kg canister
BKM Injection Gel T component B3	H-001-354	25kg canister

Solvent-free acrylic gel

Suitable for curtain injection



# BKM MV Masonry Reinforcement

## Areas of application:

BKM MV is used to consolidate and reinforce masonry, as well as to fill cavities in buildings/floor structures. Typical areas of application are e.g. in structural repair, tunneling, mining and special civil engineering. The very low viscosity leads to deep penetration into the finest structures of the building material and solidification of the construction there. It undergoes a very limited increase in volume upon reaction with water/moisture. BKM MV is NOT used with running water.

## Advantages:

- To be worked with as a 1K system
- Two-component (A+B) injection resin
- Low viscosity and dimensionally stable
- Phthalate-free and alkali-stable
- Limited foaming
- Very good adhesion to the substrate
- Excellent penetration properties
- Mixing ratio 1:1 by weight

## Consumption:

Depending on the cavity occurrence

Product	Item No.	Unit
BKM MV Masonry Reinforcement	H-001-310	25kg bundle (12,5kg component A + 12,5kg component B)

PU injection resin

For strengthening masonry



## BKM MHG Multi-Adhesive Primer

BKM MHG is used as the consolidating and sealing primer of substrates contaminated with building-damaging salts or surfaces on masonry and concrete, or all alkaline substrates.

Consumption:  
Approx. 0.2-0.5 kg/m<sup>2</sup> depending on the absorbency of the substrate

Properties:

- Inactivates harmful salts
- Greatly improved adhesion for subsequent coatings
- Component-solidifying
- Intermediate sealing through high polymer content
- Deep penetration due to low viscosity
- Can also be used under paint

Product	Item No.	Unit
BKM MHG Multi-Adhesive Primer	H-001-912	10kg canister

Waterproofing primer

Substrate consolidation



# BKM DS-1K Waterproofing Slurry

Properties:

- For indoor and outdoor use
- For walls and floors
- Waterproof
- Hydraulically setting
- Sulfate-resistant
- Vapor-permeable, frost and aging-resistant
- Suitable for all load-bearing, standard building substrates
- Adheres to slightly damp substrates without a primer
- Easy and economical to work with
- Can be painted, troweled or sprayed with a suitable device

- Structural waterproofing in accordance with DIN 18195 Part 2, Table 7 Proof of use against negative pressure water pollution

Consumption:

Depending on the load case, 3.5 – 5.3 kg/m<sup>2</sup>

Product	Item No.	Unit
BKM DS-1K Waterproofing Slurry	H-001-901	25kg bag pallet (42 bags)

Plaster system component

Mineral waterproofing slurry



# BKM HDS-2K Hybrid waterproofing slurry

BKM HDS-2K Hybrid Waterproofing Putty is a two-component, gray, hydroactive, highly elastic, mineral/plastic-bound special coating (FPD) with a very high concentration of plastic. BKM HDS-2K Hybrid Waterproofing Putty combines the positive properties of a flexible waterproofing slurry and a bituminous thick coating.

ing to DIN 4102

- Leaktightness: 1.5 bar
- Maximum layer thickness: 8 mm
- For indoor and outdoor use

Consumption:

According to MDS guidelines  
 Splash water/wall base: approx. 3.6 kg/m<sup>2</sup>  
 Wall cross-section sealing: approx. 3.6 kg/m<sup>2</sup>

Properties:

- Bitumen and solvent-free
- Hardens with low stress and crack-free
- Universally applicable as a reactive seal
- Workable: approx. 40 minutes at 20°C
- Building material class: B2, normally flammable according to DIN 4102

Product	Item No.	Unit
BKM HDS-2K Hybrid waterproofing slurry	H-001-914	bundle 19,5kg bag; 13kg bucket pallet (16 bundles)

Plaster system component

Flexible waterproofing slurry



# BKM VM Mineral Pre-Spray Mortar

## Areas of application:

As a plaster base preparation (primer) for the application of mineral plasters, such as BKM SP, on stable, mineral substrates.

In the BKM renovation plaster system, the pre-spray mortar fulfills two important tasks. On the one hand it improves the adhesion between the individual layers, and also ensures a rough surface on the back of the renovation plaster, so that salts dissolved in water can penetrate better.

## Consumption:

Ø approx. 1.5 kg/m<sup>2</sup>/mm (net-shaped, semi-covering)

Product	Item No.	Unit
BKM VM Pre-Spray Mortar	H-001-905	25kg bag pallet (42 bags)

Plaster system component

Ensures good adhesion



# BKM SP Renovation Plaster

Renovation plaster allows moisture to penetrate a few millimeters from the masonry. Absorbed water or saline solution evaporates within the plaster. The salts that crystallize out are stored in the porous structure of the renovation plaster. This keeps the plaster surface dry and free from efflorescence. The air humidity absorbed is released back into the room air by the renovation plaster.

## Properties:

- Rapid build-up of waterproofness
- Extremely low shrinkage
- Sulfate-resistant
- High air pore volume

- Vapor-permeable
- High salt storage capacity
- Up to 30 mm in one operation

## Advantages:

- WTA-certified
- Fast-setting
- Easy to work with

## Consumption:

Approx. 8.0 kg/m<sup>2</sup> per cm of layer thickness



Product	Item No.	Unit
BKM SP Renovation Plaster	H-001-906	25kg bag pallet (42 bags)

Plaster system component

Fast-setting



# BKM FP

Fine Plaster for BKM SP surfaces

**Product description:**

BKM FP is used to produce fine plaster surfaces. The material has the best adhesive properties, is low-stress and vapor-permeable. It is particularly suitable as a supplement to the BKM renovation plaster system to improve the look of coarsely structured surfaces.

**Properties:**

- Premixed dry mortar
- Fast-setting
- Machine-workable
- Low in chromate
- Low-stress

**Consumption:**

Approx. 1.4 kg per mm of layer thickness

Product	Item No.	Unit
BKM FP Fine Plaster	H-001-907	25kg bag pallet (42 bags)

Plaster system component

For an optimal finish



# BKM HS

Coving and Barrier Mortar

**Product description:**

BKM HS is suitable for producing mineral coverings and waterproof wall plasters. Layer thicknesses of up to 30 mm can be applied in one operation. It can also be used to level imperfections and breakouts in masonry. Even with critical applications such as high humidity, low temperatures etc., BKM HS can be used safely and without long waiting times due to its reactive properties.

**Properties:**

- For indoor and outdoor use
- Shrinkage-compensated
- Fast-setting
- Water-resistant
- Sulfate-resistant
- Layer thicknesses of 3–30 mm
- Very smooth
- High stability
- Quickly reworkable

**Consumption:**

Approx. 1.4 kg/m<sup>2</sup> for surface leveling  
Approx. 3kg/m mineral cove

Product	Item No.	Unit
BKM HS Coving and Barrier Mortar	H-001-908	25kg bag pallet (42 bags)

Waterproof wall plaster

For creating a sealing groove



# BKM SZ

## Product description:

Highly reactive rapid cement for immediate and temporary sealing of surface moisture penetration, water ingress and seepage points in basements. The material reacts immediately with the water present to form a rigid, water-impermeable barrier.

## Properties:

- Chloride-free
- Highly reactive rapid cement
- Starts solidifying immediately after water absorption
- For indoor and outdoor use

## Consumption:

Depending on the application

Product	Item No.	Unit
BKM SZ Fast-hardening cement	H-001-909	12kg bucket pallet (40 buckets)

Fast-hardening cement

Stops water entry immediately



# BKM FK-1K

BKM FK-1K is used to produce external structural seals for buildings in areas in contact with the ground, based on DIN 18533. The product is suitable for use on perpendicular/vertical surfaces. In addition, BKM FK-1K can be used as an intermediate seal (under cement floors) for floor slabs, balconies and terraces, as well as for gluing rigid foam insulation panels. The material adheres to all dry and slightly damp mineral substrates, as well as to bituminous substrates. In addition, BKM FK-1K can be used for all sealing details such as pipe penetrations etc. and roof sealing over uninhabited areas.

## Properties:

- Highly crack-bridging and very elastic
- Quick-drying, therefore quick rain resistance
- Can be worked with almost regardless of the weather
- Absolutely waterproof and solvent-free
- Moisture-curing, under humidity

## Consumption:

Approx. 1.5 kg per mm of layer thickness, depending on the substrate, approx. 1 mm dry layer thickness

Product	Item No.	Unit
BKM FK-1K Liquid plastic	H-001-913	2x7kg bags in a bucket

Liquid plastic

Sealing for wall penetrations



# BKM DM Sealant

**Product description:**

BKM DM is a shapeless, viscoplastic, kneadable, self-adhesive special sealant for manual working. The material remains permanently plastic and does not harden.

**Properties:**

- Permanently elastic and non-shrinking
- Solvent-free
- Self-adhesive
- Does not harden

**Areas of application:**

BKM DM is used for sealing wall and ceiling openings, e.g. pipelines, on valves in the sanitary area, on balcony and terrace drains and clay and fiber cement drainage pipes that are not exposed directly to weather.

**Consumption:**

Approx. 1.9 kg per liter of cavity

Product	Item No.	Unit
BKM DM Sealant	H-001-915	2kg package

Permanently elastic sealant

Sealing for wall penetrations



# BKM PMBC-2K

**Advantages:**

- Enables seamless external sealing (DIN 18533)
- Not re-emulsifiable even after prolonged contact with water
- High layer thicknesses in one operation
- Resistant to media usually found in the ground

- Polymer-modified
- High latex content
- Solvent-free
- Flexible
- Waterproof

**Properties:**

- Flexible
- Waterproof
- Two-component
- Crack-bridging
- Thixotropic

**Consumption:**

Depending on the load case, 3.75 - 5l/m<sup>2</sup>

Product	Item No.	Unit
BKM PMBC-2K Bitumen thick coating	H-001-921	30l bucket (17,6kg component A + 4,4kg component B)

Bitumen thick coating

For DIN-compliant external sealing



# BKM FS2

BKM FS2 is a permanent, invisible protective application on facades, which is effective against dirt and moisture penetration.

BKM FS2 neither constricts nor clogs pores, which is why the facade retains or regains its natural thermal insulation after the active ingredient has been applied and the facade has dried out. The active ingredient as a whole and its individual components are harmless to human and animal health.

Areas of application:

With the exception of plaster of paris and some natural stones, almost all mineral and absorbent substrates are suitable for impregnation.

- Porous clinker and hard-fired clinker
- Limestone and sand-lime brick
- Aerated concrete
- Exposed concrete
- Facade plaster
- Grout

**Not suitable for thermal network systems!**

Consumption:

Approx. 400 - 500 ml/m<sup>2</sup> depending on the absorbency

Product	Item No.	Unit
BKM FS2	P-001-221	1000l IBC
BKM FS2	P-001-222	200l barrel
BKM FS2	P-001-223	25l canister

Facade waterproofing

Long-term effect



# BKM FS Aqua

Product description:

BKM FS Aqua is a highly effective, ready-to-use facade water repellent, based on an emulsion diluted with water. The material is particularly suitable for use on ETICS systems.

In addition, BKM FS Aqua is suitable for almost all types of absorbent mineral substrates, such as brick, sand-lime brick, sandstone or mineral plaster.

Areas of application:

With the exception of plaster of paris and some natural stones, almost all mineral and absorbent substrates are suitable for impregnation.

- Porous clinker and hard-fired clinker
- Limestone and sand-lime brick
- Aerated concrete
- Exposed concrete
- Facade plaster
- Grout

Consumption:

Approx. 300 - 400 ml/m<sup>2</sup>

Product	Item No.	Unit
BKM FS Aqua	P-001-231	1000l IBC
BKM FS Aqua	P-001-232	200l barrel
BKM FS Aqua	P-001-233	25l canister

Facade waterproofing

Suitable for ETICS





# BKM HP-R Cleaner for Profi-Press

Special cleaner for the low pressure pump BKM Profi Press. The grouting device should be cleaned after each use. 5 liters of special HP-R cleaner are sufficient for approx. 25 cleaning processes.

The associated cleaning station is filled with 5 liters of BKM HP-R. Then the Profi-Press must be connected to the quick-release coupling using an adapter and flushed through with at least 25 liters of Profi-Press Cleaner HP-R (control via flow meter).

Consumption:  
5 liters of detergent is enough for approx. 25 cleaning processes

Product	Item No.	Unit
BKM HP-R	P-001-251	10l canister

Profi-Press special cleaner

For use with cleaning station



# BKM Resin Cleaner

Areas of application:  
BKM Resin Cleaner is used when working with BKM SEF-2K as an intermediate and final cleaning agent for resin working equipment. Resins that have already cured can only be removed mechanically.

- Properties:
- VOC-free
  - Mild odor
  - High dissolving power
  - Ready to use

Supplied in:  
10 kg plastic canister Article no. H-001-915

Shelf life:  
12 months  
(Cool and dry, at +5°C to +30°C in the original container)

Consumption:  
1-1.5l per cleaning process

Product	Item No.	Unit
BKM Resin Cleaner	H-001-403	10kg canister

Resin press cleaner

When working with BKM SEF-2K



# BKM Orange Cleaner

## Product description:

BKM Orange Cleaner is a highly concentrated cleaner with a pleasant orange scent, specially developed for the post-treatment of mold control or brickwork drying. BKM Orange Cleaner removes even the most stubborn dirt such as grease, resins, glue residues, lubricating oils, tar, ink, ballpoint pens, wax — and even from carpets and clothing.

## Mixing ratio:

1:10 (detergent : water)  
1:5 for heavy soiling  
up to 1:100 as a household cleaner

Product	Item No.	Unit
BKM Orange Cleaner	P-001-803	10l canister
BKM Orange Cleaner	P-001-800	500ml bottle

Industrial universal cleaner

For cleaning construction sites and tools



# BKM Bio Mold Protection

## Areas of application:

BKM Bio Mold Protection can be used indoors where mold, fungal or bacterial infestation can occur or is already present. BKM Bio Mold Protection must not be applied to surfaces that are constantly exposed to water (e.g. shower walls).

## Properties:

BKM Bio Mold Protection consists of a large number of small micropores which create a surface of approx. 18,000 m<sup>2</sup> on an area of 1 m<sup>2</sup> and a coating thickness of 1.5 mm. This allows BKM Bio Mold Protection to absorb large quantities of condensation water over a longer period of time and, if the

air conditions allow it, to release it again quickly in gas form (water vapor).

- Gloss level: Ma5
- Density: 1.20 g/cm
- Dilution: only with water, maximum up to 8%
- Application: brush, roller or airless spray
- Drying time: dry to the touch after 8-12 hours, depending on the layer thickness

## Consumption:

At least 600 g/m<sup>2</sup> in total, in at least two work steps

Product	Item No.	Unit
BKM Bio Mold Protection	H-001-610	3kg bucket
BKM Bio Mold Protection	H-001-611	5kg bucket
BKM Bio Mold Protection	H-001-612	10kg bucket

Sustainably mold-free

Doesn't give mold a chance!



# BKM Bio Paint white

## Properties:

- Good coverage
- Good filling power
- Highly diffusible (sd value:  $\leq 0.01$  m)
- Easy to work with
- Free of fogging-active substances
- Preservative-free
- Antimicrobial effect
- Free of harmful substances, solvents and plasticizers
- Corrosive — therefore cover glass, tiles, etc.

## Areas of application:

Inside, on all mineral and synthetic resin-bound plasters, concrete, plasterboard, glass fabric and stable old coatings.

## Consumption:

Approx. 150 ml/m<sup>2</sup>

Product	Item No.	Unit
BKM Bio Paint white	H-001-911	12,5l bucket

## Silicate interior paint

Diffusible



# BKMM

## SOLUTIONS

# BKM KS Climate Board

## Properties:

- Vapor-permeable and capillary-active
- For interior insulation
- Non-flammable (A1)
- Mold-inhibiting (pH 10.3)
- Dimensionally stable, i.e. self-supporting
- Resistant to vermin
- Consists of purely natural raw materials
- Ecological and harmless to health
- Relatively hard design to reduce dust pollution for the worker and end customer (fine dust)
- Clean cut edges
- Risk of breakage is minimized
- Outgassing in living space is not possible
- Free of PUR rigid foams and similar

## Advantages:

- The alkalinity of the indoor climate boards prevents mold.
- Outstanding insulating properties and thus lower heating costs: A 2.5 cm thick indoor climate board can reduce heat consumption by up to 50%.
- The high water absorption capacity ensures that moisture that occurs at times is absorbed and, if necessary, released again very quickly.
- The heat insulating properties increase the temperature on the inner wall surface and thus prevent the risk of condensation forming.
- The indoor climate boards are made of calcium silicate. This material is non-flammable, generally environmentally friendly and completely harmless to health.
- No PU parts or similar; biologically harmless building material.
- Generally approved by the building authorities.
- Well-proven effectiveness.

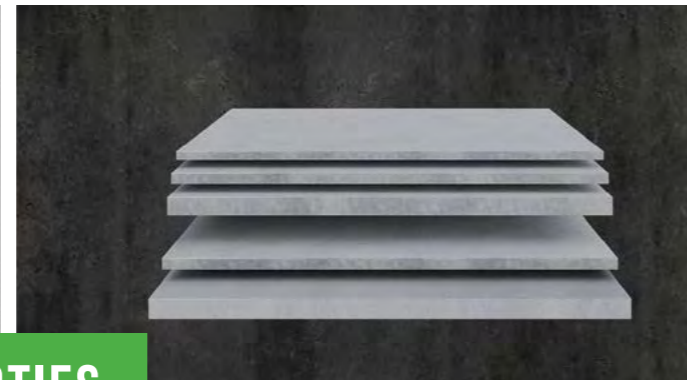
Product	m <sup>2</sup> / Pallet	Quantity / Pallet
BKM KS Climate Board (1220 x 1000 x 25mm)	100,04	82
BKM KS Climate Board (1220 x 1000 x 30mm)	73,2	60
BKM KS Climate Board PRO (1200 x 1000 x 30mm)		
BKM KS Climate Board (1220 x 1000 x 50mm)	43,92	36
BKM KS Climate Board PRO (1200 x 1000 x 50mm)		

5% discount on whole pallets

Product	m <sup>2</sup> / Carton	Quantity / Carton
BKM KS Reveal Board (500 x 240 x 19mm)	2,4	20

Product	Quantity	Quantity / VE
BKM KS Wall Connection Wedge (640 x 400 x 28 / 5 mm)	1	1

Product	Amount	Unit
BKM KS Primer	5 Liter	Kanister
BKM KS Special Adhesive	25 kg	kg
BKM KS Smoothing Filler	20 kg	kg



**OUTSTANDING INSULATION PROPERTIES**





BKM.MANNESMANN AG, headquarters in Kamen

**For further information: [www.bkm-mannesmann.de](http://www.bkm-mannesmann.de)**

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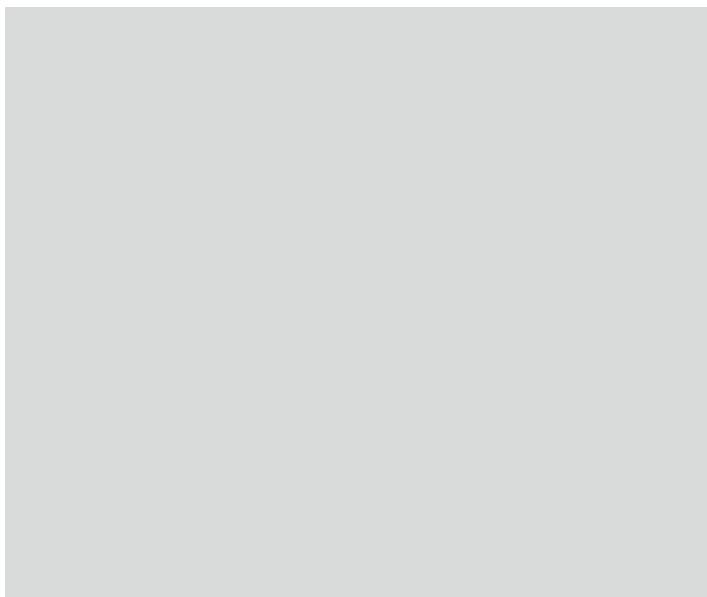
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*... dry walls guaranteed*