



PBD 2K

- Profi Tight 2K -

Two-component, solvent-free, polymer-modified bituminous thick coating with rubber granulate filler



Availability	
Quantity per pallet	18
Packaging unit	25 kg
Type of container	Plastic bucket
Container code	25
Art. no.	
0886	■

Application rate



Approx. 1.25 kg/m²/mm dry layer thickness

Approx. 1.5 kg/m² as perimeter insulation adhesive

See application rate table under application examples for details

Range of use



- Waterproofing of new and old buildings with ground contact
- Water impact class W1.1-E, W1.2-E on concrete substrates, W3-E and W4-E as per DIN 18533
- Retrofit waterproofing of buildings according to WTA Code of Practice 4-6
- Waterproofing of foundations and base points
- Approved for connecting to water impermeable concrete structures
- For attaching perimeter insulation panels
- Intermediate waterproofing under floating screeds

Property profile



- Solvent-free
- Water pressure tight
- High compressive strength (more than 3 times standard load)
- Highly flexible, elastic and crack-bridging
- Radon-tight (verified through testing)
- Can also be used for protection against external pressing water (W 2.1-E, W 2.2-E) without reinforcement (by special agreement)
- General building inspectorate test certificate as per the testing principles for building waterproofing transitions (PG ÜBB)
- Resistant to bodies of water aggressive to concrete (DIN 4030 XA3)



- Resistant to algae, rot and de-icing salts

Characteristic data of the product

Density of ready-to-use mixture	approx. 1.00 kg/l
Test at pressure load = 0.3 MN/m ²	> 80 %
Crack-bridging	≥ 2 mm
Cross-slit pressure test (DIN 15820)	meets requirements even without reinforcement
Dry residue	approx. 80% by volume
Base	plastic/bitumen emulsion with special fillers
Compressive behaviour	dry layer thickness constant
Time until thoroughly dry (20 °C/70% relative humidity)	approx. 48 hours
Consistency	paste-like

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Certificates

- AbP P 11034-2/18-512 for materials for protecting building components in contact with the ground against pressing water and in transitions to waterproof building components
- Examination report on impermeability to radon
- Sys 1.6 TUD - Subsequent external waterproofing in contact with the ground for old brick restoration render 20 mm
- Sys 2.6 TUD - Subsequent external waterproofing in contact with the ground for concrete restoration render 20 mm
- Sys 3.6 TUD - Subsequent external waterproofing in contact with the ground for sandstone restoration render 20 mm
- Sys 4.6 TUD - Subsequent external waterproofing in contact with the ground for sand-lime brick restoration render 20 mm
- Declaration of concordance
- Special agreement - external cellar waterproofing for water impact class W2.2-E on waterproof concrete substrates

Additional information

- Instructions for using 2-component PMBC
- Implementation report
- Environmental product declaration Deutsche Bauchemie e.V

Possible system products

- Kiesol (1810)
- Kiesol MB (3008)
- WP DS Level (0426)
- Tex 4.8/100 and Tex 4.8/25 (4183)
- Remmers waterproofing slurries
- DS Protect (0823)
- BIT Primer ^[basic] (0824)
- MB 2K (3014)
- Ilack C (0814)
- Pipe flange (4350)



Preparation

■ Substrate requirements

Even-surfaced, mineral substrate.
Clean, dust-free and capable of supporting a load.
Prepare concrete substrates at wall/base transition areas by means of mechanical material removal.
Matt damp surfaces are permitted.
If necessary, provide damp proofing.

■ Substrate preparation

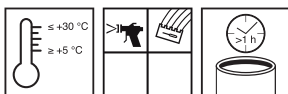
Remove projecting seams and mortar remains.
Break off or slope corners and edges.
Smooth out inner corners using a suitable mineral mortar.
Close indentations > 5 mm using a suitable mineral material.
Prime absorbent mineral substrates with Kiesol MB. Prime non-absorbent mineral substrates with BIT Primer [basic] (1:10 in water).
If the substrate requires stabilisation (restoration), prime with Kiesol (1:1 in water).
Create a scratch coat using the product as a contact layer and in order to prevent blisters.

Production of the mixture

■ Combi-container

Break up the powder component before adding to the bitumen emulsion.
Remove any dried material adhering to the edge of the bucket.
Briefly stir the bitumen base material.
Add the entire quantity of broken-up powder component to the bitumen emulsion.
Mix for approx. 30 seconds, stop mixing and allow the air introduced during mixing to escape.
Remove the powder adhering to the side.
Resume mixing and continue for at least 2 minutes.
Leave the anchor stirrer near the base throughout the mixing time.
See mixing instructions.

Directions



■ Conditions for use

Temperature of the material, air and substrate: from min. +5 °C to max. +35 °C.

■ Working time (+20 °C)

> 1 hour

Surface waterproofing

Apply the product in two layers on the previously prepared substrate.
If a reinforcement fabric is required, embed into the first waterproofing layer.
Connection to waterproof concrete components ≥ 15 cm; embed reinforcement fabric in the first layer.

Element joints

Apply the product in two layers on the previously prepared substrate.
Embed reinforcement fabric in the first layer of waterproofing material.
Apply the waterproofing material on both sides ≥ 15 cm next to the joint.

Tips on use

In the case of liquid-applied waterproofing materials, direct sunlight and/or wind exposure can cause accelerated skin formation and accompanying blistering.
Do not apply any further sealing layers until the previous layer has hardened sufficiently.
Protect freshly coated surfaces from rain, direct sunlight, frost and condensation.
Protect dry sealant from mechanical damage and UV radiation.
Rinse the spraying machine with Bitumen SHM (0881) before use.



Please contact Remmers Technical Service (phone +49 5432 83900) before applying with machine processing.

Application examples

■ Application rate table

Water impact classes (as per DIN 18533)	Dry layer thickness (mm)	Wet layer thickness (mm)	Application quantity (kg/m ²)	Yield 25 kg (m ²)
W1-E Soil moisture and non-pressing water	≥ 3	approx. 3.8	approx. 3.8	approx. 6.5
W2.1-E Moderate impact of pressing water (immersion depth ≤ 3m)	≥ 4	approx. 5.0	approx. 5.0	approx. 5.0
W2.2-E * high impact of pressing water (immersion depth > 3m)	≥ 4	approx. 5.0	approx. 5.0	approx. 5.0
W3-E non-pressing water on earth-covered ceiling	≥ 4	approx. 5.0	approx. 5.0	approx. 5.0
W4-E Splashing water on wall plinth and capillary water in and underneath walls in contact with the ground	≥ 3	approx. 3.8	approx. 3.8	approx. 6.5

* Only permitted on concrete substrates up to 8 m immersion depth; to be contractually agreed separately.

Additional layer thickness as per DIN 18533

du = scratch coat: application rate approx. 5 kg/m² (depending on substrate)

dv = - not necessary with layer thickness trowel

- without layer thickness trowel: application rate approx. 0.7 kg/m² (dmin = 4mm)

Notes

Deviations from applicable regulations must be agreed separately.

The relevant test certificates must be observed when planning and carrying out work.

The special agreements as well as test certificates can be downloaded online at www.remmers.com.

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Tools / Cleaning

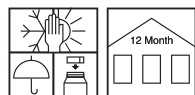
Anchor stirrer, ladle, smoothing trowel, layer thickness trowel



Clean tools immediately after use with water.

Remove dried-on material using V 101 Thinner (0978).

Storage / Shelf life



If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 12 months.

Safety data / Regulations

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet.



Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

Declaration of performance

► Declaration of performance

CE marking



1119 / 0432

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GBI F 029-3

EN 15814:2011+A1:2012

0886

Polymer modified bituminous thick coatings (PMBC) for waterproofing in below ground structures

Water-tightness:	Class W2B
Crack-bridging ability:	Class CB2
Water resistance:	No colouration of the water No debonding from inlay
Flexibility at low temperatures:	No cracks
Dimensional stability at high temperatures:	No sliding or draining down
Reaction to fire:	Class E
Resistance to compression:	Class C2A
Durability of water-tightness and reaction to fire:	Passed

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

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