



Systemabdichtungsbaustoffe

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Kaubilat 2K thick coating

Test Certificate No. P-22-MPA NRW-6764

Technical datasheet

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Crack-bridging, two-component synthetically modified bitumen thick coating for sealing against the loading conditions ground moisture, non-pressing and pressing seepage water according to DIN 18195 08/00 and Guideline 11/01

Properties:

Kaubilat 2K thick coating is a crack bridging; long-life synthetically modified bitumen thick coating with good bonding properties on slightly humid and dry surfaces. The product consists of a fibre-reinforced fluid component and a powdery component that can easily be mixed with the fluid. When the mixture is ready the compound can easily be applied and becomes resistant to rain after a very short time. When the sealing has dried it is water-insoluble, watertight and root-resistant as well as resistant to thinned acids, caustic and saline solutions.

Applications:

Kaubilat 2K thick coating has been developed as a sealing of buildings against ground moisture, non-pressing and pressing seepage water. For cellars, non-basement buildings, foundations, foundation slabs, connections, pipe passages etc. as well as adhesive for protection, drainage and insulation boards. Kaubilat 2K thick coating can be used on mineral surfaces, e.g. concrete, screed, plaster, calcareous sandstone, aerated concrete and bricks. The sealing has to be applied on the positive water side.

Technical specifications:

Application temperature:	+ 5°C to + 25°C
Viscosity	25,000 mPa s
Density:	1.2 g/cm ³
Solid content:	65 %
PH value:	9.0 to 11.0
Colour:	black
Pot life:*	0.5 to 2 hours
Rain resistance:*	After 3 hours
Hardening:*	1 to 2 days

* depending on air humidity, temperature, layer thickness and surface



Preparation of the substrate:

The surface must be solid, supportive, level and free of oil, grease, dust and other separating layers. The joints in masonry have to be even and flat. When applying Kaubilat 2K thick coating on strongly absorbent surfaces use Kaubit primer BE 12 as bonding agent. Alternatively Kaubilat bitumenlatex diluted with water 1:10. The coating can be applied when the primer has ventilated. We recommend priming old bituminous coatings with not thinned Kaubilat bitumenlatex. An intermediate sealing with Kaubit flex sealing slurry 2K should be applied when a re-penetration of moisture cannot be avoided. For this purpose the fillets, the front of the foundation slabs, the horizontal part of the protruding foundations and the surrounding walls up to a height of 30 cm have to be filled with Kaubit flex slurry 2K and Kaubit barrier mortar.



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Use:

The fluid component is to be stirred before adding the powder component. The two components of Kaubilat 2K thick coating are blended with a slowly running mixer (approx. 400 rev./min) until a homogeneous lump-free compound is achieved. The compound has to be applied within a period of 30 minutes after mixing depending on the temperature. Apply Kaubilat 2K thick coating with a trowel in two working steps in even layers on vertical and horizontal areas. Depending on the loading conditions embed Kaubit Fibreglass Fabric into the coating. When interrupting work the thick coating has to be spread to zero point. When re-starting work overlap the border areas. Do not interrupt your work when coating building corners. In case of strong solar radiation slightly sand the surface of horizontal areas after approx. 30 minutes in order to avoid a heating up of the coat. In order to fix protection, drainage or insulation boards Kaubilat 2K thick coating is applied onto the boards in the form of spots. The boards are then pressed onto the dried-out coating. Loads on spots or on lines have to be avoided.

Consumption:

Ground moisture and non-pressing seepage water:	5 kg/m ²
Pressing seepage water:	7 kg/m ²
When used as slab adhesive:	1 kg/m ²
Spatula scratching:	1 kg/m ²

Drying time:

See technical data. The setting time will be shorter in case of high temperatures and longer in case of low temperatures.

Information on further processing:

During the setting period Kaubilat 2K thick coating must not be exposed to temperatures below +5°C. Kaubilat 2K thick coating has to dry out completely before applying protection coatings. Follow guideline 11/01 and DIN 18195 Part 10. When sealing terraces or balconies with Kaubilat 2K thick coating the coating must not be built over with stilted bearings or covered using the thin bed technique. Suitable methods are protection screed, mortar bed or sand fillings covered with slabs. Kaubilat 2K thick coating must be separated from the covering structure by a separation layer e.g. two polyethylene foils. Kaubilat 2K thick coating is not suitable to seal joints. Joints have to be filled depending on load conditions. Joint sealants have to be bitumen compatible.

Cleaning of tools and equipment:

All tools have to be cleaned with water immediately after use.

Storage:

Kaubilat 2K thick coating can be used for a period of 12 months when stored in a cool, dry and frost-free place sealed in its original containers.

Supplied as:

22 kg pails Comp. A
8 kg bag Comp. B

30 kg packaging unit
16 packaging units/pallet

Safety information:

Comp. A has not been classified as hazardous material according to the German Gefahrstoffverordnung (Dangerous Goods Regulation). Comp. B consists of special cements and is irritating in case of contact with skin.

Disposal:

Containers, which have been thoroughly emptied, can be recycled under the "Green Dot" scheme operated by Duales System Deutschland AG.

For further information, see the Health and Safety sheet.

