



Systemabdichtungsbaustoffe

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Kaubilat 1K thick coating

Test Certificate No. P-22-MPA NRW-6763

Technical datasheet

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One-component, polystyrene-filled, ready-for-use, synthetically modified bitumen thick coating for sealing earth-contacting buildings against ground moisture and non-retaining seepage water.

Properties:

Kaubilat 1K thick coating is a crack-bridging, long life synthetically modified, polystyrene-filled bitumen thick coating, with good bonding properties on dry and slightly humid surfaces. Kaubilat 1K thick coating is resistant to aggressive substances usually existing in soil and has a good bonding on dry and slightly humid surfaces.

Applications:

Sealing of buildings against ground moisture and non-retaining seepage water. For cellars, non-basement buildings, foundations, foundation slabs, connections, pipe passages etc. Kaubilat 1K thick coating can be used on mineral substrates, e.g. plaster, concrete, screed, calcareous sandstone, aerated concrete, hollow-core blocks and bricks. The sealing has to be applied on the positive waterside.

Technical specifications:

Application temperature: + 5°C to +25°C
Viscosity: approx. 30,000 mPa·s
Density: 0.65 g/cm³
Solid content: 64 %
pH-value: from 9 to 11
Resistance to rain: after 4-5 hours
Hardening: 2-4 days

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. Kaubilat 1K thick coating can be applied on slightly humid surfaces. When treating strongly absorbent surfaces apply Kaubit Primer BE as bonding agent. Alternatively Kaubilat bitumenlatex diluted with water 1:10. When the primer has ventilated the coating can be applied. We recommend priming old bituminous coatings with unthinned 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 sealing slurry 2K and Kaubit barrier mortar.



Use:

Apply in two working steps in even layers using a trowel according to DIN 18195 08/00 and guideline 11/01. Depending on the loading conditions embed Kaubit fibreglass fabric into the thick coating. In case of strong sun radiation on vertical and horizontal areas sand the surface slightly after approx. 30 minutes in order to avoid a heating up of the coating.

Consumption:

Loading case	Layer thickness in mm		Consumption per m ² :
	wet	dry	
Ground moisture non-retaining seepage water	4.7	3.0	4.8 l



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Drying time:

As Kaubilat 1K thick coating dries through condensation of the water contained in the product the drying period depends on the temperature of the air and the building structure, movement and humidity of the air and the layer thickness of the coating.

Information on further processing:

During the setting period Kaubilat 1K thick coating must be protected from frost. Before applying protection coatings respectively before filling up earth Kaubilat 1K thick coating has to dry completely following guideline 11/01. When sealing terraces and balconies with Kaubilat 1K Kaubilat 1K thick coating the coating must not be built over with stilted bearings or covered using the thin bed technique. Suitable methods are screed, mortar beds or sand fillings covered with panels. Kaubilat 1K thick coating must be separated from the covering structure by a separation layer e.g. polyethylene foils.

Cleaning of tools and equipment:

All tools should be cleaned with water immediately after use.

Storage:

Kaubilat 1K thick coating can be used for a period of 12 months when stored in a cool and frost-free place sealed in its original containers.

Supplied as:

30 l plastic pails
18 pails/pallet

Safety information:

Kaubilat 1K thick coating has not been classified as hazardous material according to the German Gefahrstoffverordnung (Dangerous Goods Regulation).

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.

