



Systemabdichtungsbaustoffe

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Kaubit Bitulast

Technical datasheet

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Solvent-free, bitumen-containing, highly elastic coating and sealing compound for sealing buildings, flat roofs and joints. For hot application method

Properties:

Kaubit Bitulast has a high bonding strength and a very good flexibility in a wide temperature range. Sealings made of Kaubit Bitulast span subsequently appearing cracks without problems even at low temperatures and remain permanently flexible. Kaubit Bitulast has to be heated up carefully and can easily be applied.

Applications:

Kaubit Bitulast is a highly elastic, hot-applicable coating compound suitable for sealing buildings, flat roofs and joints. Due to its high elongation at break characteristics it is particularly suitable for lining joints between movable or deformable units e.g. joints of road units. As Kaubit Bitulast is hot applied it can be used at temperatures below zero on ice-free surfaces. When used to improve unfilled bitumen blend the materials in a mixing ratio of 1:1 to 1:3 RT as per requirements.

Technical specifications:

Working temperature:	+160°C to +190°C
Density:	1.0 g/cm ³
Viscosity:	at 180°C 700 mPa·s
	at 150°C 1,300 mPa·s
Frass breaking point:	< -35°C
Softening point:	+110°C to +120°C
Rebound elasticity at 0°C:	more than 70 %
Flash point:	>250°C

Preparation of the substrate:

The surface has to be clean and dry. Dust and cement grouts have to be removed completely by thorough grinding or sand blasting. Rust, loose particles and protecting paint finishes have to be removed from metal surfaces. Oil and grease spots have to be removed completely. Concrete and metal surfaces have to be primed with Kaubit primer BT-L. This priming coat has to be ventilated before applying Kaubit Bitulast. When sealing joints it has to be ensured that the material bonds to two flanks. Avoid a bonding to the bottom of the joint.



Use:

Kaubit Bitulast is to be carefully melted in a bitumen melting cooker with a mechanical mixer, indirect heating and thermostat until the working temperature is reached. The temperature has to be adjusted using the thermostat. When the material is overheated the plastics added to improve and stabilize the product will be irreversibly damaged which causes in most of the cases a considerable decrease in elasticity. Bituminous membranes are normally fixed on horizontal areas by pouring Kaubit Bitulast before the bituminous membrane to be fixed using a pouring can, pot or pail. When applying Kaubit Bitulast as a joint sealing it is normally applied using a brush or a paint brush.

Consumption:

The consumption rate ranges from 1.5 to 3 kg/m² depending on the application method. Approx. 1.0 kg/l volume.

Drying time:

Each layer approx. 5 min.



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Information on further processing:

As Kaubit Bitulast dries very quickly it can be covered with ground already after approx. 15 min following the second coating. However the coat has to be protected against mechanical damage. When horizontal joints and areas are solely sealed with Kaubit Bitulast the surface has to be covered with fine-grained sand.

Cleaning of tools and equipment:

All tools should be cleaned immediately after use with Kaubit acetone cleaner.

Storage:

Kaubit Bitulast can be used for a period of at least 24 months when stored in a cool and dry place and sealed in its original containers.

Supplied as:

10 kg cardboard boxes
60 boxes/pallet

Safety information:

Kaubit Bitulast has not been classified as hazardous material according to the German Gefahrstoffverordnung (Dangerous Goods Regulations).

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.