

PRODUCT DATA SHEET

SikaBit® Hot Melt 50/70

MONOLITHIC RUBBERISED BITUMEN MEMBRANE FOR ROOF WATERPROOFING

PRODUCT DESCRIPTION

SikaBit® Hot Melt 50/70 is a specially formulated combination of polymer-modified bitumen, synthetic rubbers, lightweight fillers and other additives, which are hot-applied with carefully selected reinforcement fabric and protection layers to give a total waterproofing performance as part of the SikaBit® ProMelt system.

USES

SikaBit® Hot Melt 50/70 waterproofing element for inverted and cold ballasted roofing, podium decks, balconies and terraces.

CHARACTERISTICS / ADVANTAGES

- Hot applied system
- suitable for completely flat (zero falls) decks
- BBA certified No. 19/5682
- Outstanding durability - last the life of the building
- Nominal system thickness of 7mm
- Tough and resistance to impact damage
- High bond strength to substrate
- High tensile strength
- Monolithic application
- Rapid setting, resistant to rain, snow and frost immediately after application
- Fully bonded system - Non-Tracking

PRODUCT INFORMATION

Packaging	14kg dispersible film covered blocks
Colour	Black
Shelf Life	12 months
Storage Conditions	Must be stored on a pallet and protected from direct heat, sunlight, rain and snow. Pallets must not be stacked.
Overall Thickness	6mm

Flexibility at low Temperature	BS EN ISO 1109:2000 - PASS
Product Temperature	165°C to 185°C
Ambient Air Temperature	-20°C min. / +60°C max.
Substrate Temperature	-30 °C min. / +60 °C max. Installation of some ancillary products, e.g. primers is limited to temperatures above +5 °C. Please observe information given by Product Data Sheets. Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations.

EQUIPMENT

The SikaBit® Hot Melt 50/70 is heated in an insulated, oscillating bitumen roofing heater, which must have thermometers to measure the melt and oil temperatures. The nominal temperature range for SikaBit® Hot Melt 50/70 is 165°C to 185°C. The temperature of the hot melt must not exceed 215°C.

SUBSTRATE PREPARATION

The substrate surface must be uniform, smooth and free of any sharp protrusions or burrs, etc. Any concrete must be dry.
Surface is to be dry, clean and free from all contaminants, including oils, grease, laitance, dirt and debris. Advance bond tests must be carried out on all areas.

APPLICATION

SikaBit® Hot Melt 50/70 is discharged from the heater into appropriate buckets and applied to the roof using a long-handled, rubber-bladed squeegee or on smaller areas by brush. The first coat of The SikaBit® Hot Melt 50/70 must have a minimum thickness of 3 mm.
The SikaBit® Roof F-50 reinforcement fleece is applied lightly brushing it into the first layer of SikaBit® Hot Melt 50/70, when it is still warm and tacky. The reinforcement overlaps should be at least 100mm.
The second layer of SikaBit® Hot Melt 50/70 is applied over the SikaBit® Roof F-50 reinforcement fleece to a minimum thickness of 3 mm.
The SikaBit® Hot Melt 50/70 needs to be protected as soon as possible with the specified protection layer, prior to applying the final finishes.
Details such as joints etc will first require reinforcing in with a strap of SikaBit Access Layer bedded in a layer of SikaBit® Hot Melt 50/70.
Strictly follow Sika Limited installation procedures as defined in specifications, application manuals and working instructions which must always be adjusted to the actual site conditions.

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Product Data Sheet
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VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY, HEALTH AND SAFETY

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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