

PRODUCT DATA SHEET

SikaShield® Hot Melt 50/70

HOT MELT STRUCTURAL WATERPROOFING

PRODUCT DESCRIPTION

SikaShield® 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 and protection layers to give a total waterproofing performance as part of the SikaShield® Hot Melt Structural Waterproofing system.

USES

SikaShield® Hot Melt 50/70 waterproofing element for inverted roofs. Uses include ballasted roofs, podium decks, balconies and terraces.

CHARACTERISTICS / ADVANTAGES

- Hot applied system
- Suitable for completely flat (zero falls) decks
- BBA verified service life equivalent to the structure (BBA 19/5682)
- Nominal system thickness of 7mm
- Once applied forms a continuous, seamless layer
- Fully bonded system - Non-Tracking

APPROVALS / STANDARDS

- BBA certified No. 19/5682

PRODUCT INFORMATION

Packaging	14kg blocks
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.
Flexibility at low temperature	Pass (BS EN ISO 1109:200)

APPLICATION INFORMATION

Consumption	6mm (minimum 6kg/m ²)
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.

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.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

Please refer to the SikaShield® Hot Melt Structural Waterproofing Installation Guide.

EQUIPMENT

SikaShield® Hot Melt 50/70 is heated in a mechanically agitated, air or oil jacketed thermostatically controlled hot melt cooker.

The nominal temperature range for SikaShield® Hot Melt 50/70 is 165°C to 185°C. The temperature of the hot melt must not exceed 215°C.

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.

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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