

## PRODUCT DATA SHEET

# SikaShield® Hot Melt Root Barrier

### SBS MODIFIED BITUMINOUS ROOT RESISTANT PROTECTION MEMBRANE

#### PRODUCT DESCRIPTION

SikaShield® Hot Melt Root Barrier is a specially formulated SBS modified bituminous protection membrane, reinforced with polyester and incorporating a root retardant compound.

#### USES

SikaShield® Hot Melt Root Barrier is installed as a root barrier in a hot melt structural waterproofing system, providing a robust waterproofing solution.

#### CHARACTERISTICS / ADVANTAGES

- Good mechanical properties (tensile, tear, shear)
- Easy to install Tough and resistant to impact damage
- High bond strength to Sikashield® Hot Melt 50/70
- Rapid setting – resistant to rain, snow and frost immediately after application.

#### PRODUCT INFORMATION

<b>Packaging</b>	Pallets (28 rolls per pallet)
<b>Appearance / Colour</b>	Black mineral surface
<b>Shelf Life</b>	36 months from date of production if correctly stored.
<b>Storage Conditions</b>	Must be stored on end on a pallet and protected from direct heat, sunlight, rain and snow.
<b>Length</b>	8m
<b>Width</b>	1m
<b>Effective Thickness</b>	4mm
<b>Weight</b>	5kg/m <sup>2</sup>
<b>Resistance to Impact</b>	>1000mm (EN 12691)
<b>Resistance to Root Penetration</b>	Pass (EN 13948)
<b>Elongation</b>	32% +20% (EN 12311-1)
<b>External Fire Performance</b>	The completed buried system will be unrestricted under Building Regulations (see Annex of Commission Decision 2000/553/EC).
<b>Water Tightness</b>	Pass (EN 1928)
<b>Flow resistance</b>	>110 °C (EN 1110)
<b>Flexibility at low temperature</b>	< -9 °C (EN 1109)

## VALUE BASE

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

## ECOLOGY, HEALTH AND SAFETY

### APPLICATION INSTRUCTIONS

SikaBit® E50G MG RT UK is laid over the final layer of SikaBit® Hot Melt 50/70 whilst it is still warm and tacky. There must be a minimum of 100mm laps. 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.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

### 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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