

## PRODUCT DATA SHEET

# SikaShield® P65 MG SA 4 mm

Plastomeric bituminous cap sheet surfaced with granules and flexible at -20 °C

### PRODUCT DESCRIPTION

SikaShield® P65 MG SA 4 mm is an APP modified bituminous waterproofing membrane with a thickness of 4 mm. It is reinforced with a non-woven polyester fabric dimensionally stabilised with glass fibre and is flexible at -20 °C. The top surface is coated with mineral granules, which allows the permanent exposure to UV radiation. The underside has a removable liner over the adhesive compound for easy application.

### USES

SikaShield® P65 MG SA 4 mm is used as a waterproofing membrane for:

- Flat or sloped roofs with up to 15 % pitch
- New construction or refurbishment projects
- Exposed single-layer or as a top sheet in a multi-layer roofing system

### PRODUCT INFORMATION

<b>Chemical Base</b>	Composition Reinforcing material	APP modified bitumen non-woven polyester fabric dimensionally stabilised with glass fibre	
<b>Packaging</b>	Roll width	1.0 m	(EN 1848-1)
	Roll length	8.0 m	
Refer to the current price list for available packaging variations.			
<b>Appearance / Colour</b>	Top surface	Mineral Granules	
	Bottom Surface	Removable foil	
	Top layer colour	Refer to current price list for color variations	
<b>Shelf Life</b>	36 months from date of production		
<b>Storage Conditions</b>	The Product must be stored in original unopened and undamaged packaging in dry conditions and temperatures between +5 °C and +35 °C. Protect the product from direct weather exposure and sunlight. Store in a vertical position.		
<b>Thickness</b>	4.0 mm ± 0.2 mm	(EN 1849-1)	

## TECHNICAL INFORMATION

<b>Resistance to Impact</b>	≥ 1250 mm	(EN 12691)
<b>Joint Shear Resistance</b>	Longitudinal (MD) Transversal (CMD)	750 N/50 mm ± 150 N/50 mm 600 N/50 mm ± 120 N/50 mm (EN 12317-1)
<b>Reaction to Fire</b>	Class E	(EN 13501-1)
<b>Water Tightness</b>	Method B, 24 hours at 60 kPa	Pass (EN 1928)
<b>Flexibility at low temperature</b>	≤ -20 °C	(EN 1109)
<b>Maximum tensile force</b>	Longitudinal (MD) Transversal (CMD)	850 N/50 mm ± 170 N/50 mm 700 N/50 mm ± 140 N/50 mm (EN 12311-1)
<b>Elongation at maximum tensile force</b>	Longitudinal (MD) Transversal (CMD)	(50 ± 15) % (50 ± 15) % (EN 12311-1)

## APPLICATION INFORMATION

<b>Ambient Air Temperature</b>	Maximum Minimum	+40 °C +5 °C
<b>Relative Air Humidity</b>	Maximum	80 %
<b>Substrate Temperature</b>	Maximum Minimum	+40 °C +5 °C

## 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

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

## APPLICATION INSTRUCTIONS

Please refer to the SikaShield® Installation Guide.

## 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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