

# H 53545

## ZIB 45

<b>Product</b>	SBS-modified bitumen membrane with polyester reinforcement
<b>Top side</b>	PP nonwoven fabric green with 10cm selvedge (foil)
<b>Bottom side</b>	Sand
<b>Intended use</b>	<ul style="list-style-type: none"> <li>• Underlays for discontinuous roofing</li> <li>• Suitable for under-roof construction with increased requirements</li> </ul>
<b>Standard</b>	EN 13859-1
<b>Application</b>	Mechanically fastened in the selvedge area Side laps min. 8 cm, end laps min. 10 cm homogenous adhered overlap by torch-on method
<b>Packaging</b>	20 rolls of 7,5 m x 1m = 150 m <sup>2</sup> per pallet

Characteristics	Testing method	Unit	Result
Length	EN 1848-1	m	7,5
Width	EN 1848-1	m	1,00
Straightness	EN 1848-1	mm/10m	< 20
Mass per unit area	EN 1849-1	kg/m <sup>2</sup>	NPD
Thickness	EN 1849-1	mm	4,0 (±0,2)
Reaction to fire test	EN 13501-1	Klasse	E
Tensile force long./trans.	EN 12311-1	N/50mm	1000/800 (±200/±100)
Elongation at single-end breaking force	EN 12311-1	%	50/50 (±10/±10)
Resistance to tearing (nail shank) long./trans.	EN 12310-1	N	220/220 (±50/±50)
Dimensional stability	EN 1107-1	%	≤  0,6
Flexibility at low temperatures	EN 1109	°C	-20
Water vapour transmission	EN 1931	m	330 (±100)
Resistance to water penetration	EN 13859-1	Klasse	W1
Resistance to air permeability	EN 13859-1	-	NPD
Artificial aging - resistance to water penetration	EN 13859-1	Klasse	W1
Artificial aging - tensile strength	EN 13859-1	N/50mm	1100/800 (±300/±200)

NPD = No performance determined

The declared data are indices based on the statistical quality control and refer to the date of production. Consider state of the art, standards, legal provisions and guidelines for the suitability of the mentioned field of application and application method. All specifications are without obligation. The user must assess the suitability of the product for the particular purpose and ensure the user's access to the current version of the product data sheet.

**Subject to alteration without notice.**

Storage conditions: The products have to be stored in original packaging, being protected from direct sun light, UV-beams and extreme conditions like heat, frost, moisture, etc. During cold season store the products in a frost-free area (+5°C) for 12 hours before application.

**Development, Production and Sales of our products according to ISO 9001.**