



H 40036

BARUPLAN KV E 45 B/K

Product	SBS-modified bitumen membrane with polyester reinforcement
Top side	Sand
Bottom side	Foil
Intended use	• Waterproofing systems for concrete bridge- and parking-decks • Cap sheet of two-layer waterproofing systems for concrete bridge- and parking decks • Base layer of two-layer waterproofing systems for concrete bridge- and parking decks
Standard	EN 14695
Application	Torch-on method Side and end laps min. 10 cm overlap
Packaging	18 rolls of 10 m x 1m = 180 m ² per pallet

Characteristics	Testing method	Unit	Result
Length	EN 1848-1	m	10,0
Width	EN 1848-1	m	1,00
Straightness	EN 1848-1	mm/10m	< 20
Mass per unit area	EN 1849-1	kg/m ²	NPD
Thickness	EN 1849-1	mm	4,0 (±0,2)
Tensile force long./trans.	EN 12311-1	N/50mm	1100/800 (± 200/±100)
Elongation at single-end breaking force	EN 12311-1	%	50/50 (±10/±10)
Dimensional stability	EN 1107-1	%	NPD
Dimensional stability at elevated temperature	EN 14695 B	%	NPD
Flexibility at low temperatures	EN 1109		-20
Flow resistance at elevated temperature	EN 1110	°C	100
Thermal ageing behavior	EN 1296	°C	NPD
Water absorption	EN 14223	%	≤ 1,0
Initial amount of mineral surface protection	EN 14965 D	g/m ²	280 (±100)

Characteristics of performance*	Testing method	Unit	Result
Bond strength Type 1	EN 13596	N/mm ²	≥ 0,4
Shear strength	EN 13653	N/mm ²	≥ 0,15
Crack bridging ability Type 3 at -20°C	EN 14224	-	bestanden
Artificial ageing by long term exposure to elevated temperature	EN 14691	%	NPD
Resistance to compaction of an asphalt layer	EN 14692	-	bestanden
Behaviour of bitumen sheets during application of mastic asphalt (relative surface proportion of stains)	EN 14693	%	NPD
Watertightness	EN 14694	-	bestanden

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.