CE

Büsscher Hoffmann
Waterproofing Systems

H 55089
ALUPLAN AL E 40 KSK CLASSIC

Product	Self-adhesive SBS-modified bitumen membrane with aluminium composite, composite reinforcement and anti-slip surface The membrane is eqipped with an additional torch-on selvedge to torch the side laps (e.g. if the temperature is below the recommended minimum application temperature). This prevents the below layer from thermal damages by torching.
Top side	Sand with, 8 cm selvedge (foil) on both sides
Bottom side	Self-adhesive (peel-off foil) with 6 cm selvedge (sand)
Intended use	• Vapour control layer (also suitable as temporary single layer waterproofing) on structural trapezoidal sheets (with thermal adhesion of the overlap)
Standard	EN 13970
Application	Self-adhesive method with / without thermal activation Side laps min. 8 cm, end laps min. 10 cm overlap Temperature for application min. + 10 °C (Self-adhesive method)
Packaging	18 rolls of 10m x 1m = 180 m² 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	3,8 (±0,2)
Watertightness	EN 1928	kPa	100
Reaction to fire test	EN 13501-1	Klasse	E
Shear resistance of joints	EN 12317-1	N/50mm	NPD
Tensile force long./trans.	EN 12311-1	N/50mm	1200/1000 (±200/±200)
Elongation at single-end breaking force	EN 12311-1	%	10/10 (±5/±5)
Resistance to impact	EN 12691	mm	NPD
Resistance to tearing (nail shank) long./trans.	EN 12310-1	N	200/200 (±50/±50)
Flexibility at low temperatures	EN 1109	°C	-20
Flow resistance at elevated temperature	EN 1110	°C	80
Watertightness transmission after artifical aging	EN 1928	kPa	100
Water vapour transmission	EN 1931	Sd	> 1500 m
Water vapour transmission after artifical aging	EN 1931	Sd	> 1500 m

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.