

PRODUCT DATA SHEET

easyklett®

PRODUCT DESCRIPTION

easyklett® is a sealing membrane made of polymer modified bitumen for single-ply sealing of flat roofs.

It features a laminated special felt thus offering the possibility to mount the membrane to the ground using separate hook strips.

The cap layer consists of high-quality elastomeric bitumen with an embedded polyester composite carrier layer. As a standard, the membrane features granule-free areas at the sides and the head.

RANGE OF APPLICATION

easyklett® is mainly used for sealing large constructions where efficient application is desired. Due to the single ply and the flame-free joining of overlaps it can also be applied in areas where open flames are prohibited.

PROCESSING

easyklett® is mounted to the surface using hook tape rolled out parallelly on the roof construction and fastened with roofing screws.

easyklett® is laid out at a square angle to the tape and pressed onto it with the feet or using a roller.

The longitudinal seam is sealed using a hot air machine. The transverse joint at the head of the strip and all other joints and ends are sealed using a hand-held hot air device.

All joints and edges must be positioned at an offset. The overlaps measure 10 cm and have to be welded. T-joints need a 45° cut at the edges. Learn more about the application from the application manual.



STORAGE

The rolls have to be stored upright, protected from humidity, heat and UV radiation.

DISPOSAL

According to the European Waste Catalogue, waste from bitumen and polymer modified bitumen sheets can be disposed of under the waste code 17 03 02 „Bituminous mixtures other than those mentioned in 17 03 01“.

Local directives must be observed at any time.

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0672-CPD-0198
DIN EN 13707

TECHNICAL DATA

All information given shows the current state of the art but establishes no legal entitlement. Subject to change without notice.

Properties	Testing procedure/ Classification	Unit	Requirement	Manufacturer's results	
Exceeds the requirements of DIN V 20000-201: DE/PYE-KTP S5					
Visible flaws	DIN EN 1850-1	-	flawless	flawless	
Length	DIN EN 1848-1	m	no requirem.	≥ 7,5	
Width	DIN EN 1848-1	m	no requirem.	≥ 1	
Straightness	DIN EN 1848-1	mm/10 m	≤ 20	≤ 20	
Thickness	DIN EN 1849-1	mm	≥ 4,5	≥ 5,0	
Water proof up to	DIN EN 1928:2000 Method B	kPa 24h	passed	passed	
Reaction to external fire exposure	DIN ENV 1187	-	Broof (t1) system-tested	Broof (t1)	
Fire classification	DIN EN 13501-1	-	class E	class E	
Max. tensile strength	lengthwise transverse	DIN EN 12311-1	N/50 mm	≥ 800	≥ 1100
				≥ 800	≥ 1100
Elongation at max. tensile strength	lengthwise transverse	DIN EN 12311-1	%	≥ 15	≥ 20
				≥ 15	≥ 20
Shear strength	DIN EN 12316-1	N/50 mm	≥ 800	≥ 800	
Static load resistance	DIN EN 12730	kg	≥ 15	≥ 15	
Puncture resistance	DIN EN 12310-1	N	> 200	> 200	
Low temperature flexibility	DIN EN 1109	°C	≤ - 30	≤ - 30	
Heat resistance	DIN EN 1110	°C	≥ 110	≥ 110	

BENCHMARK FIGURES FOR APPLICATION

Hook tape (width/length):	125 mm / 50 m	Hot-air welding machine:	e.g. Leister Bitumat B2
Mounting distance of hook tape [mm]:	max. 1.200 (observe the guidelines of the mounting plan)	Temperature (°C):	≥ 600-650
Insulating material:	mineral or stone wool, polyurethane, polystyrene	Velocity (m/min):	ca. 4 (depending on ambient conditions)
Suitable mounting material:	EJOT Baubefestigungen GmbH SFS intec GmbH	Air stream (%):	100
		Width of jet (mm):	75
		Membrane overlap (mm):	border seam and head seam, granule-free 100, slated 150

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