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Technical Data Sheet

BARRIER Alu 140 SD 3000 VK



Product description:

The BARRIER Alu 140 SD 3000 VK is a full-surface, self-adhesive vapor barrier with an sd value of over 3000m. It consists of a composite of ribbon fabric and aluminum foil. The airtight vapor barrier is intended for interior and roof construction as well as floor sealing, where the construction must be perfectly protected against moisture. The particularly robust construction makes it very easy to lay. The alkali-resistant coated aluminum foil reliably prevents the passage of water and steam.

BARRIER Alu 140 SD 3000 VK

application	vapor barrier with sd value 3000, flat roof sealing		
functional layer	composite film made of coated aluminum with a flat adhesive coating		
carrier material	ribbon fabric		
color of carrier material	silver		
basis weight	EN 1849-2	g/m ²	140 (± 10)

PROPERTY	TEST	UNIT	VALUE
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General characteristics

roll width	EN 1848-2	m	1,5
roll length	EN 1848-2	m	50
m ² per roll	EN 1848-2	[m ²]	75
roll weight	-	kg	10,5
rolls per pallet	-	rolls	40

Technical characteristics

dimensional accuracy	EN 1107-2	%	< 1
thickness	EN 1849-2	mm	0,15
behavior in case of fire	EN 13501-1	class	E
resistance to water penetration	EN 1928	class	W1
after artificial aging	EN 1297/1296	class	W1
maximum tensile force MD/CD	EN 12311-1	N/50 mm	410 / 370
elongation MD/CD	EN 12311-1	%	12 / 12
tear resistance / nail shaft MD/CD	EN 12310-1	N/200 mm	KLF / NPD
cold bending behavior	EN 1109	°C	-20
diffusion-equivalent air layer thickness	EN 1931	sd-value-m	≥ 3000
resistance to air passage	EN 12114	m ³ /(m ² /h/50Pa)	≤ 0,1
temperature resistance	EN13859-1	°C	-40 to +80
durability - water vapor transmission resistance aging - resistance to chemicals	EN 1847 EN 12311-2	- -	passed passed
resistance to shock loading	EN 12691	mm	KLF / NPD

The values may be subject to tolerances. If nothing is specified, the tolerance customary in the industry applies according to the standard, material and property.

