

Technical Data Sheet

BARRIER Karo PES 120 SD 2



Product description:

The BARRIER Karo PES 120 SD 2 is a diffusible vapor barrier with an sd value of 2m. It consists of polypropylene fleece with a special PP membrane film. The airtight and particularly easy-to-install vapor barrier is intended for interior and roof construction. In connection with vapor-permeable sarking and sarking membranes, it reliably protects the inner roof construction from moisture and drafts. When installed correctly, it excludes air movements in the insulation and thus prevents heat loss.

BARRIER Karo PES 120 SD 2

application	vapor barrier		
functional layer	special membrane film		
carrier material	polyester fleece		
color of carrier material	white		
basis weight	EN 1849-2	g/m ²	120 (± 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	9
rolls per pallet	-	Rollen	24

Technical characteristics

dimensional accuracy	EN 1107-2	%	< 1
thickness	EN 1849-2	mm	0,5
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	350 / 360
diffusion-equivalent air layer thickness	EN 1931	sd-value-m	2
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.

