

## Technical Data Sheet

# BARRIER PP 120 G SD 25



### *Product description:*

The BARRIER PP 120 G SD 25m is a vapor barrier with an sd value of 25m. It consists of three layers of PP and is particularly suitable for blow-in insulation with its scrim. The airtight vapor barrier, which is particularly easy to lay, is intended for interior and roof construction. In conjunction with diffusion-open sub-roof and underlay membranes, it reliably protects the interior roof construction from moisture and draughts. When installed correctly, it excludes air movements in the insulation and thus prevents heat loss.

# BARRIER PP 120 G SD 25

application	vapor barrier		
functional layer	special membrane film		
carrier material	polypropylene fleece		
color of carrier material	white		
basis weight	EN 1849-2	g/m <sup>2</sup>	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 <sup>2</sup> per roll	EN 1848-2	m <sup>2</sup>	75
roll weight	-	kg	9
rolls per pallet	-	rolls	28

## Technical characteristics

dimensional accuracy	EN 1107-2	%	< 1
thickness	EN 1849-2	mm	0,4
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	335 / 300
elongation MD/CD	EN 12311-1	%	20 / 20
tear resistance / nail shaft MD/CD	EN 12310-1	N/200 mm	360 / 310
diffusion-equivalent air layer thickness	EN 1931	sd-value-m	25
resistance to air passage	EN 12114	m <sup>3</sup> /(m <sup>2</sup> /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.

