

## Technical Data Sheet

# ROOF Bravo PP 120



### *Product description:*

The permeable, microporous underlay membrane ROOF Bravo PP 120 consists of a three-layer structure of two PP fleece outer layers and a microporous functional film. The membrane is suitable for all fully insulated and non-shuttered pitched roof constructions and as a wind barrier for house walls. Laying directly on the thermal insulation or rafters is possible with appropriate overlapping.

# ROOF Bravo PP 120

application	underlay membrane		
functional layer	microporous functional film		
carrier material	polypropylene fleece		
color of carrier material	grey		
basis weight	EN 1849-2	g/m <sup>2</sup>	120 (± 10)

PROPERTY	TEST	UNIT	VALUE
----------	------	------	-------

## General characteristics

roll width	EN 1848-2	m	1,5   3
roll length	EN 1848-2	m	50
m <sup>2</sup> per roll	EN 1848-2	m <sup>2</sup>	75   150
roll weight	-	kg	9   18
rolls per pallet	-	rolls	28   15

## Technical characteristics

dimensional accuracy	EN 1107-2	%	< 0,1
thickness	EN 1849-2	mm	0,6
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	305 / 180
maximum tensile force after aging MD/CD	EN 12311-1	%	60 / 50
elongation MD/CD	EN 12311-1	%	65 / 65
elongation after aging MD/CD	EN 1297/1296	%	43 / 49
tear resistance / nail shaft MD/CD	EN 12310-1	N/200 mm	150 / 140
cold bending behavior	EN 1109	°C	-40
diffusion-equivalent air layer thickness	EN ISO 12572	sd-value-m	0,02
resistance to air passage	EN 12114	m <sup>3</sup> /(m <sup>2</sup> /h/50Pa)	< 0,01
temperature resistance	EN 13859-1	°C	-40 to +80
outdoor exposure time	-	weeks	2
UV resistance	-	month	1
resistance to driving rain	-	-	passed
suitability as a material for temporary cover	-	months	3
ZVDH product data sheet - class	-	-	UDB-A / USB-A
Ö-Norm: B3661 - Table 5/4119 - Section 6.1.2	-	-	Type I

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.

