

# USB Micro Vario NET

Hygrosensitive vapour control layer with reinforcement mesh  
Riwega | eternitycomfort


Technical data sheet

of 21/02/2023

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Rev.02

of 29/03/2024

Material	PP.PET.PA	 EN 13984
Film	PA	
Colour	Semitransparent white	
Roll width	1,5 m	
Roll length	50 m	
Roll weight	11 Kg	
Classification in accordance with UNI 11470 (IT)	B	
Classification in accordance with Onorm B4119/B3661 (AT)	Typ I	
Classification in accordance with SIA 232-1 (CH)	VU	
Conforms to DTU (FR)	31.2	
Available in TOP SK version	-	

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m <sup>2</sup>	150
Air layer equivalent to the vapour passage [Sd]	EN ISO 12572	m	0,2 - 5
Water vapour diffusion [DVA]	EN ISO 12572	g/m <sup>2</sup> / 24h	ca. 100 - 15
Water column	EN 20811	cm	-
Resistance to water penetration	EN1928 Met.A	-	Passed
Tensile strength MD*	EN 12311-1	N/50mm	420
Tensile strength CD*	EN 12311-1	N/50mm	400
Elongation MD*	EN 12311-1	%	10 - 20
Elongation CD*	EN 12311-1	%	10 - 20
Resistance to tearing MD*	EN 12310-1	N	410
Resistance to tearing CD*	EN 12310-1	N	400
Fire reaction	EN 13501-1 EN ISO 11925	Class	E
UV-stability	-	Months	-
Temperature resistance	-	°C	-40 / +80
Straightness	EN 1848-2	<75 mm/10m	Passed
Impact resistance	EN 12691	-	npd**
<b>Artificial aging with heat</b>	EN 1926 - 12 weeks at +70 °C		
Air layer equivalent to the vapour passage [Sd]	EN 1931	-	Passed
Alkali resistance	EN 1847	-	Passed
Joint strength	EN 12317-2	N/50mm	npd**
Visible defects	EN 1850-2	-	None
Dangerous substances	-	-	None

Density	EN 1849-1	Kg/m <sup>3</sup>	375
Thickness	EN 1849-2	mm	0,4
Vapour resistance coefficient [μ]	EN 1931	-	500 - 12500
Vapour permeability coefficient	-	Kg/m <sup>2</sup> *s*Pa	0,386*10 <sup>-12</sup> - 0,0154*10 <sup>-12</sup>
Thermal conductivity [λ]	-	W/mK	0,22
Specific heat	-	J/KgK	1700

\* MD= Machine Direction, CD= Cross Direction; \*\*npd=no performance determined

Riwega S.r.l. reserves the possibility to review or change these technical values. The updated technical data sheet can be found on the website [www.riwega.com](http://www.riwega.com).  
This data sheet replaces the previous copy.