



USB Micro 90 Vario

Hygrosensitive vapour control layer
Riwega | eternitycomfort

Rev.00

Technical data sheet
of 14/06/2024
Art. 02030147
of -

Material	PET.PA	 EN 13984
Film	PA	
Colour	Semitransparent white	
Roll width	1,5m	
Roll length	50 m	
Roll weight	7,5 Kg	 15 years guarantee
Classification in accordance with UNI 11470 (IT)	D	
Classification in accordance with Onorm B4119/B3661 (A)	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 ²	90 (±10 g/m ²)
Air layer equivalent to the vapour passage [Sd]	EN 1931	m	0,2-7
Water vapour diffusion [DVA]	EN ISO 12572	g/m ² / 24h	ca. 100-4
Water column	EN 20811	cm	> 200
Resistance to water penetration	EN 13984 (EN1928 Met.A)	-	Passed
Tensile strength MD*	EN 12311-1	N/50mm	200 (±40N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	190 (±40N/50mm)
Elongation MD*	EN 12311-1	%	25 (±10%)
Elongation CD*	EN 12311-1	%	30 (±10%)
Resistance to tearing MD*	EN 12310-1	N	50 (±20N)
Resistance to tearing CD*	EN 12310-1	N	40 (±15N)
Fire reaction	EN 13501-1	Class	E
UV-stability	-	Months	3
Temperature resistance	-	°C	-40 / +100
Durability			
Artificial ageing	EN 1926	-	Passed
Alkali resistance	EN 13984 (EN1928 Met.A)	-	Passed

Density	EN 1849-1	Kg/m ³	225
Thickness	EN 1849-2	mm	0,40
Vapour resistance coefficient [μ]	EN ISO 12572	-	500-17500
Vapour permeability coefficient	-	Kg/m*s*Pa	0,011*10 ⁻¹² - 0,386*10 ⁻¹²
Thermal conductivity [λ]	-	W/mK	0,22
Specific heat	-	J/KgK	1700

* MD= Machine Direction; CD= Cross Direction.

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. This data sheet replaces the previous copy.