





# USB Micro

Vapour control layer  
Riwega | eternitycomfort

Technical data sheet  
of 06/02/2014  
Art. 02030140 / 020301400  
Rev.10 of 14/02/2024

Material	PP.PP.PP		
Film	PP		
Colour	Beige		
Roll width	1,5 m   3,0 m		
Roll length	50 m		
Roll weight	12 Kg   24 Kg		
Classification in accordance with UNI 11470 (IT)	B		
Classification in accordance with SIA 232 (CH)	VU-VO		
Conforms to DTU (FR)	31.2		
Available in TOP SK version	Art.02020141		

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m <sup>2</sup>	155 (±5g/m <sup>2</sup> )
Air layer equivalent to the vapour passage [Sd]	EN ISO 12572	m	> 2
Water vapour diffusion [DVA]	EN ISO 12572	g/m <sup>2</sup> / 24h	ca. 15
Water column	EN 20811	cm	> 550
Resistance to water penetration	EN 13984 (EN1928 Met.A)	-	Passed
Tensile strength MD*	EN 12311-1	N/50mm	310 (±30N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	240 (±30N/50mm)
Elongation MD*	EN 12311-1	%	70 (±20%)
Elongation CD*	EN 12311-1	%	80 (±20%)
Resistance to tearing MD*	EN 12310-1	N	190 (±15N)
Resistance to tearing CD*	EN 12310-1	N	230 (±15N)
Fire reaction	EN 13501-1	Class	E
UV-stability	-	Months	4
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 <sup>3</sup>	199
Thickness	EN 1849-2	mm	0,78
Vapour resistance coefficient [μ]	EN ISO 12572	-	2564
Vapour permeability coefficient	-	Kg/m*s*Pa	0,0753*10 <sup>-12</sup>
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](http://www.riwega.com).  
This data sheet replaces the previous copy.