



# USB Windtop UV 3000

Highly breathable membrane for walls  
Riwega | eternitycomfort

Rev.03

Technical data sheet  
of 30/07/2019  
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Material	PUR.PET	
Film	UV50 PUR	
Colour	Black	EN 13859-2
Roll width	3,0 m (+1,5/-0,5%)	
Roll length	50 m	
Roll weight	32 Kg	
Classification in accordance with Önorm B4119/B3661 ( Typ I		

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m <sup>2</sup>	210 (±20g/m <sup>2</sup> )
Air layer equivalent to the vapour passage [Sd]	EN ISO 12572	m	0,15 (±0,05m)
Water vapour diffusion [DVA]	EN ISO 12572	g/m <sup>2</sup> / 24h	ca.200
Water column	EN 20811	cm	> 300
Heavy rain test	TU Berlin	-	Passed
Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD*	EN 12311-1	N/50mm	360 (-60/+70N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	250 (-60/+70N/50mm)
Elongation MD*	EN 12311-1	%	20 (-10/+15%)
Elongation CD*	EN 12311-1	%	25 (-10/+15%)
Resistance to tearing MD*	EN 12310-1	N	180 (±60N)
Resistance to tearing CD*	EN 12310-1	N	280 (±60N)
Dimensional stability	EN 1107-2	%	<1
Flexibility at low temperature	EN 1109 / EN 495-5	°C	-30
Air permeability	EN 12114 / EN 13859-2	m <sup>3</sup> /(m <sup>2</sup> h 50Pa)	npd**
Fire reaction	EN 13501-1	Class	E
Weathering without final cladding****	-	Months	3
UV-stability (with joints up to 30 mm wide with up to 30% of the facade uncovered)	-	-	Stable
Temperature resistance	-	°C	-40 / +100
<b>After artificial ageing***</b>			
Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD/CD*	EN 12311-1	N/50mm	340 / 220 (-60/+70N/50mm)
Elongation MD/CD*	EN 12311-1	%	15 / 20 (-10/+15%)

Density	EN 1849-1	Kg/m <sup>3</sup>	389
Thickness	EN 1849-2	mm	0,54
Vapour resistance coefficient [μ]	EN ISO 12572	-	280
Vapour permeability coefficient	-	Kg/m*s*Pa	0,6893*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

\*\*\*Artificial ageing test of 5000h

\*\*\*\*Referring to the Central Europe climate

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.