



# USB Protector Gold 330

Highly breathable membrane  
Riwega | eternitycomfort

Rev.04

Technical data sheet  
of 06/02/2014  
Art. 02050331  
of 29/06/2021

Material	PET-composite	 EN 13859-1
Film	UV 50 PUR	
Colour	Salmon red	
Durability under integrated FTV	Yes	
Roll width	1,5 m	
Roll length	40 m	
Roll weight	21 Kg	
Classification in accordance with UNI 11470 (IT)	A	
Classification in accordance with ZVDH (DE)	UDB-A - USB-A	
Classification in accordance with Önorm B4119/B3661 (A)	Typ II	
Classification in accordance with SIA 232 (CH)	UD EB-NB	
Conforms to DTU (FR)	40.29	
Available in TOP SK version	Art.02020331	

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	UNI EN 1849-2	g/m <sup>2</sup>	340 (±10 g/m <sup>2</sup> )
Air layer equivalent to the vapour passage [Sd]	UNI EN ISO 12572	m	0,1
Water vapour diffusion [DVA]	UNI EN ISO 12572	g/m <sup>2</sup> / 24h	ca.200
Water column	UNI EN 20811	cm	> 800
Heavy rain test	TU Berlin	-	Passed
Resistance to water penetration	UNI EN 1928 (Met. A)	-	W1
Tensile strength MD*	UNI EN 12311-1	N/50mm	680 (±30N/50mm)
Tensile strength CD*	UNI EN 12311-1	N/50mm	610 (±30N/50mm)
Elongation MD*	UNI EN 12311-1	%	40 (±15%)
Elongation CD*	UNI EN 12311-1	%	45 (±15%)
Resistance to tearing MD*	UNI EN 12310-1	N	400 (±15N)
Resistance to tearing CD*	UNI EN 12310-1	N	400 (±15N)
Fire reaction	UNI EN 13501-1	Class	E
UV-stability	-	Months	12
Temperature resistance	-	°C	-40 / +120
<b>After artificial ageing</b>			
Resistance to water penetration	UNI EN 1928 (Met. A)	-	W1
Tensile strength MD/CD*	UNI EN 12311-1	N/50mm	600 / 490
Elongation MD/CD*	UNI EN 12311-1	%	≥ 65

Density	UNI EN 1849-1	Kg/m <sup>3</sup>	400
Thickness	UNI EN 1849-2	mm	0,85
Vapour resistance coefficient [μ]	UNI EN ISO 12572	-	118
Vapour permeability coefficient	-	Kg/m*s*Pa	1,6356*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.