USB Protector Silver 230

Highly breathable membrane

Riwega | eternitycomfort

Technical data sheet of 06/02/2014

Art. 02050230

Rev.05 of 13/02/2024

Material	PET-composite
Film	UV 50 PUR
Colour	Salmon red
Durability under integrated FTV	Yes
Roll width	1,5 m
Roll length	40 m
Roll weight	14 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 (AT)	Typ II
Classification in accorance with SIA 232-1 (CH)	UD EB-NB
Conforms to DTU (FR)	40.29
Available in TOP SK version	Art.020202301

CE

EN 13859-1

30 years guarantee

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m^2	230 (±10g/m2)
Air layer equivalent to the vapour passage [Sd]	EN ISO 12572	m	0,1
Water vapour diffusion [DVA]	EN ISO 12572	g/m^2 / 24h	ca.200
Water column	EN 20811	cm	> 800
Heavy rain test	TU Berlin	-	Passed
Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD*	EN 12311-1	N/50mm	450 (±30N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	430 (±30N/50mm)
Elongation MD*	EN 12311-1	%	35 (±15%)
Elongation CD*	EN 12311-1	%	40 (±15%)
Resistance to tearing MD*	EN 12310-1	N	230 (±15N)
Resistance to tearing CD*	EN 12310-1	N	220 (±15N)
Fire reaction	EN 13501-1	Class	E
UV-stability	-	Months	12
Temperature resistance	-	°C	-40 / +120
After artificial ageing			
Resistance to water penetration	EN 1928 (Met. A)	-	npd**
Tensile strength MD/CD*	EN 12311-1	N/50mm	npd**
Elongation MD/CD*	EN 12311-1	%	npd**

Density	EN 1849-1	Kg/m^3	329
Thickness	EN 1849-2	mm	0,7
Vapour resistance coefficient [μ]	EN ISO 12572	-	143
Vapour permeability coefficient	-	Kg/m*s*Pa	1,3497*10-12
Thermal conductivity [λ]	-	W/mK	0,22
Specific heat	-	J/KgK	1700

* MD= Machine Direction; CD= Cross Direction.

**npd= no performance determinated

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.