USB Classic

Highly breathable membrane
Riwega | eternitycomfort

Technical data sheet
of 06/02/2014
Art. 1,5m 02010160 / 3,0m 020101600
Rev.07 of 13/02/2024

Material	PP-composite	CE EN 13859 - 1
Film	UV10 Bikom	
Colour	Green	
Durability under integrated FTV	No	
Roll width	1,5 m / 3,0 m	
Roll length	50 m	20 years guarantee
Roll weight	14 Kg / 28 Kg	
Classification in accordance with UNI 11470 (IT)	B	
Classification in accordance with ZVDH (DE)	UDB-A - USB-A	
Classification in accordance with Önorm B4119/B3661 (AT	Typ I	
Classification in accordance with SIA 232-1 (CH)	UD EB-NB wU-fU	
Classification in accordance with DTU (FR)	40.29	
Available in TOP SK version	1,5m Art.02020161 / 3,0m Art.020201610	

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m^2	185 (±10g/m2)
Sd value	EN ISO 12572	m	0,07 (+0,04/-0,01m)
Water vapour diffusion [DVA]	EN ISO 12572	g/m^2 / 24h	ca.500
Water column	EN 20811	cm	> 400
Heavy rain test	TU Berlin	-	Passed
Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD*	EN 12311-1	N/50mm	350 (±30N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	260 (±30N/50mm)
Elongation MD*	EN 12311-1	%	60 (±15%)
Elongation CD*	EN 12311-1	%	80 (±15%)
Resistance to tearing MD*	EN 12310-1	N	200 (±15N)
Resistance to tearing CD*	EN 12310-1	N	240 (±15N)
Fire reaction	EN 13501-1	Class	E
UV-stability	-	Months	6
Temperature resistance	-	°C	-40 / +100
After artificial ageing			
Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD/CD*	EN 12311-1	N/50mm	324 / 217
Elongation MD/CD*	EN 12311-1	%	≥65

Density	EN 1849-1	Kg/m^3	210
Thickness	EN 1849-2	mm	0,89
Vapour resistance coefficient [μ]	EN ISO 12572	-	79
Vapour permeability coefficient	-	Kg/m*s*Pa	2,443*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.