USB Elefant 250

Highly breathable membrane
Riwega | eternitycomfort

Technical data sheet
of 02/12/2024
Art. 1,5m 02050150 / 3,0m 020501500
Rev.00 of -

Material	PP-composite	CE EN 13859-1
Film	UV10 Bikom	
Colour	Brown	
Durability under integrated FTV	No	
Roll width	1,5 m	3,0 m
Roll length	40 m	30 m
Roll weight	15 Kg	22 Kg
Classification in accordance with UNI 11470 (IT)	A	20 years guarantee
Classification in accordance with ZVDH (DE)	UDB - USB	
Classification in accordance with Önorm B4119/B3661 (AT	Typ I	
Classification in accordance with SIA 232-1 (CH)	UD EB-NB	
Classification in accordance with DTU (FR)	40.29	
Available in TOP SK version	1,5m Art.02020233 - 3,0m Art.020202330	

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m^2	250 (±10g/m2)
Sd value	EN ISO 12572	m	0,07 m (+0,05/-0,02m)
Water vapour diffusion [DVA]	EN ISO 12572	g/m^2 / 24h	ca.500
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	440 (±40N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	330 (±40N/50mm)
Elongation MD*	EN 12311-1	%	50 (±15%)
Elongation CD*	EN 12311-1	%	60 (±15%)
Resistance to tearing MD*	EN 12310-1	N	330 (±30N)
Resistance to tearing CD*	EN 12310-1	N	360 (±20N)
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	≥65**
Elongation MD/CD*	EN 12311-1	%	≥65**

Density	EN 1849-1	Kg/m^3	227
Thickness	EN 1849-2	mm	1,1
Vapour resistance coefficient [μ]	EN ISO 12572	-	64
Vapour permeability coefficient	-	Kg/m*s*Pa	3,0156*10-12
Thermal conductivity [λ]	-	W/mK	0,22
Specific heat	-	J/KgK	1700

* MD= Machine Direction; CD= Cross Direction

**Of initial value
performance

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.