

USB Vita

Highly breathable membrane
Riwega | eternitycomfort

Technical data sheet
of 06/02/2014
Art. 02010303
Rev.05 of 30/06/2021

Material	PET-Acryn	 EN 13859 - 1
Colour	Pearl grey	
Durability under integrated FTV	Yes	
Roll width	1,5 m	
Roll length	50 m	
Roll weight	21 Kg	 20 years guarantee
Classification in accordance with UNI 11470 (IT)	A	
Classification in accordance with ZVDH (DE)	UDB-A - USB-A	
Classification in accordance with Onorm B4119/B3661 (A)	Typ II	
Classification in accordance with SIA 232-1 (CH)	UD EB-NB wU-fU	
Conforms to DTU (FR)	40.29	
Available in TOP SK version	Art.02020310	

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m ²	270 (±10g/m ²)
Air layer equivalent to the vapour passage [Sd]	EN ISO 12572	m	0,02
Water vapour diffusion [DVA]	EN ISO 12572	g/m ² / 24h	ca.1000
Water column	EN 20811	cm	> 200
Heavy rain test	TU Berlin	-	Passed
Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD*	EN 12311-1	N/50mm	320 (±30N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	200 (±30N/50mm)
Elongation MD*	EN 12311-1	%	30 (±15%)
Elongation CD*	EN 12311-1	%	35 (±15%)
Resistance to tearing MD*	EN 12310-1	N	130 (±15N)
Resistance to tearing CD*	EN 12310-1	N	140 (±15N)
Fire reaction	EN 13501-1	Class	B-s1, d0
UV-stability	-	Months	9
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	310 / 190
Elongation MD/CD*	EN 12311-1	%	28 / 33

Density	EN 1849-1	Kg/m ³	540
Thickness	EN 1849-2	mm	0,5
Vapour resistance coefficient [μ]	EN ISO 12572	-	40
Vapour permeability coefficient	-	Kg/m*s*Pa	4,8250*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.