USB Protector Head FH 240

Highly breathable membrane
Riwega | eternitycomfort

Technical data sheet of 15/02/2021
Art. 1,5m 02050224 / 3,0m 020502240
Rev.05 of 13/02/2024

Material	PP-composite		CE EN 13859-1
Film	UV50 PUR		
Colour	Light tobacco		
Durability under integrated FTV	Yes		
Roll width	1,5 m	3,0 m	
Roll length	50 m		
Roll weight	18 Kg	36 Kg	25 years guarantee
Classification in accordance with UNI 11470 (IT)	A		
Classification in accordance with ZVDH (DE)	UDB-A - USB-A		
Classification in accorance with SIA 232 (CH)	UD AB-EB-NB		
Classification in accordance with DTU (FR)	40.29		
Classification in accordance with Önorm B4119/B3661 (AT	Typ I		
Available in TOP SK version	Art.TOP SK 1,5m 02020224/Art.TOP SK 3,0m 020202240		

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m2	240 (±10g/m2)
Air layer equivalent to the vapour passage [Sd]	EN 1931	m	0,1
Water vapour diffusion [DVA]	EN ISO 12572	g/m2 / 24h	approx. 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	390 (±40N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	290 (±40N/50mm)
Elongation MD*	EN 12311-1	%	30 (±30%)
Elongation CD*	EN 12311-1	%	50 (±30%)
Resistance to tearing MD*	EN 12310-1	N	300 (±30N)
Resistance to tearing CD*	EN 12310-1	N	400 (±30N)
Fire reaction	EN 13501-1	Class	E
UV-stability	-	Months	8
Temperature resistance	EN 1109	°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/m3	258
Thickness	EN 1849-2	mm	0,93
Vapour resistance coefficient [μ]	EN ISO 12572	-	108
Vapour permeability coefficient	-	Kg/m*s*Pa	1,787*10-12
Thermal conductivity [λ]	-	W/mK	0,22
Specific heat	-	J/KgK	1700

*MD= Machine Direction; CD= Cross Direction

**npd=no performance determined

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.