USB Protector Head FH 330

Highly breathable membrane

Riwega | eternitycomfort

Technical data sheet of 01/06/2017

Art. 02050330 / TOP SK 02020330

Rev.09 of 13/02/22024

Material	PP-composite	CE EN 13859-1
Film	UV 50 PUR	
Colour	Grey	
Durability under integrated FTV	Yes	
Roll width	1,5 m	3,0 m
Roll length	40 m	25 years guarantee
Roll weight	21 kg	42 kg
Classification in accordance with UNI 11470 (IT)	A	
Classification in accordance with ZVDH (DE)	UDB - USB	
Classificazione secondo SIA 232/1 (CH)	UD AB-EB-NB	
Classification in accordance with Önorm B4119/B3661 (A	Typ II	
Conforms to DTU (FR)	40.29	
Available in TOP SK version	Art. 02020330	

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m^2	340 (±10g/m2)
Sd-value	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	440 (±40N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	380 (±40N/50mm)
Elongation MD*	EN 12311-1	%	50 (±20%)
Elongation CD*	EN 12311-1	%	60 (±20%)
Resistance to tearing MD*	EN 12310-1	N	390 (±30N)
Resistance to tearing CD*	EN 12310-1	N	430 (±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	360 / 300 (±30N/50mm)
Elongation MD/CD*	EN 12311-1	%	≥65

Density	EN 1849-1	Kg/m^3	243
Thickness	EN 1849-2	mm	1,4
Vapour resistance coefficient [μ]	EN ISO 12572	-	71
Vapour permeability coefficient	-	Kg/m*s*Pa	2,7183*10-12
Thermal conductivity [λ]	-	W/mK	0,22
Specific heat	-	J/KgK	1700

* MD= Machine Direction; CD= Cross Direction

**npd= no performance declared

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.