DO 180 Top Stream

Breathable membrane
Riwega | eternitycomfort

Technical data sheet of 04/04/2016
Art. 02010180/TOP SK 02020317
Rev.07 of 20/07/2021

Material	PP.PP.PP	CE EN 13859 - 1
Film	PP	
Colour	Grey	
Durability under integrated FTV	No	
Roll width / length	1,5 m / 50 m	
Roll weight	14 Kg	QB 17-008 E1-Sd1-TR3
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 (A	Typ I	
Classification in accorance with SIA 232-1 (CH)	UD EB-NB wU-fU	
Conforms to DTU (FR)	40.29	
Classification QB of CSTB (FR)	n°17-008 (E1Sd1TR3)	
Available in TOP SK version	Art.02020317	

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m^2	185
Air layer equivalent to the vapour passage [Sd]	EN 1931 / EN ISO 12572	m	0,04 (-0,01/+0,03)
Water vapour diffusion [DVA]	EN ISO 12572	g/m^2 / 24h	approx.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	400 (300-500)
Tensile strength CD*	EN 12311-1	N/50mm	375 (300-450)
Elongation MD*	EN 12311-1	%	45 (30-100)
Elongation CD*	EN 12311-1	%	70 (40-120)
Resistance to tearing MD*	EN 12310-1	N	280 (225-380)
Resistance to tearing CD*	EN 12310-1	N	310 (225-410)
Fire reaction	EN 13501-1	Class	E
UV-stability	-	Months	3
Temperature resistance	-	°C	-40 / +90
Dimensional stability MD/CD*	EN 1107-2	%	< 2
Stability at low temperatures	EN 1109	°C	-40
After artificial ageing			
Resistance to water penetration	EN 13859-1	-	W1
Tensile strength MD*	EN 13859-1	N/50mm	265 (200-310)
Tensile strength CD*	EN 13859-1	N/50mm	250 (200-300)
Elongation MD*	EN 13859-1	%	20 (15-90)
Elongation CD*	EN 13859-1	%	35 (20-90)

Density	EN 1849-1	Kg/m^3	223
Thickness	EN 1849-2	mm	0,83
Vapour resistance coefficient [μ]	-	-	48
Vapour permeability coefficient	-	Kg/m*s*Pa	4,0208*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.