DO 135

Highly breathable membrane
Riwega | eternitycomfort

Technical data sheet of 06/02/2014
Art. 02010191 / TOP SK 02020313
Rev.10 of 26/03/2025

Material	PP.PP.PP	CE EN 13859 - 1/2
Film	PP	
Colour	Grey	
Durability under integrated FTV	No	
Roll width / length	1,5 m / 50 m	
Roll weight	11 Kg	
Classification in accordance with UNI 11470 (IT)	C	
Classification in accordance with ZVDH (DE)	UDB - USB	
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	
Available in TOP SK version	Art. 02020313	

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m^2	135 (±10%)
Air layer equivalent to the vapour passage [Sd]	EN 1931 / EN ISO 12572	m	0,02 (-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	270 (175-350)
Tensile strength CD*	EN 12311-1	N/50mm	250 (120-300)
Elongation MD*	EN 12311-1	%	60 (30-125)
Elongation CD*	EN 12311-1	%	80 (30-150)
Resistance to tearing MD*	EN 12310-1	N	190 (100-280)
Resistance to tearing CD*	EN 12310-1	N	200 (155-300)
Air permeability	EN 12114	m3/m2*h*50Pa	0,010
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	npd**
Tensile strength CD*	EN 13859-1	N/50mm	npd**
Elongation MD*	EN 13859-1	%	npd**
Elongation CD*	EN 13859-1	%	npd**

Density	EN 1849-1	Kg/m^3	245
Thickness	EN 1849-2	mm	0,55 (±0,1)
Vapour resistance coefficient [μ]	-	-	36
Vapour permeability coefficient	-	Kg/m*s*Pa	5,3611*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.