

DTB 150

Vapour control layer
Riwega | eternitycomfort

Technical data sheet
of 06/02/2014
Art. 02030150
Rev.06 of 29/11/2021

Material	PE reinforced	 EN 13984
Film	PP	
Colour	Black	
Roll width	1,5 m	
Roll length	50 m	
Roll weight	12 Kg	
Classification in accordance with UNI 11470 (IT)	B	
Classification in accordance with Önorm B4119/B3661 (AT)	Typ I	
Classification in accordance with SIA 232-1 (CH)	VU-VO	

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m ²	150 (±10g/m ²)
Air layer equivalent to the vapour passage [Sd]	EN ISO 12572	m	>5
Water vapour diffusion [DVA]	EN ISO 12572	g/m ² / 24h	ca.4
Water column	EN 20811	cm	>200
Resistance to water penetration	EN 1928 (Met. A)	-	Passed
Tensile strength MD*	EN 12311-1	N/50mm	330 (-50/+70N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	400 (±100N/50mm)
Elongation MD*	EN 12311-1	%	40 (-20/+50%)
Elongation CD*	EN 12311-1	%	50 (-30/+50%)
Resistance to tearing MD*	EN 12310-1	N	350 (-60/+90N)
Resistance to tearing CD*	EN 12310-1	N	310 (-50/+60N)
Fire reaction	EN 13501-1	Class	E
UV-stability	-	Months	3
Temperature resistance	-	°C	-40 / +90

After artificial ageing

Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD/CD*	EN 12311-1	N/50mm	300/370
Elongation MD/CD*	EN 12311-1	%	35/45

Density	EN 1849-1	Kg/m ³	273
Thickness	EN 1849-2	mm	0,55
Vapour resistance coefficient [μ]	EN ISO 12572	-	9091
Vapour permeability coefficient	-	Kg/m*s*Pa	0,0116*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.