

DO 100

Corotop Light - Highly breathable membrane for walls

Technical data sheet
02010186 / 3M 020101860
Rev.00 21/05/2019

Material	PP.PP.PP	
Colour	Grey	
Roll width	1,5 m	3,0 m
Roll length	50 m	
Roll weight	8 Kg	16 kg
Classification in accordance with UNI 11470 (IT)	D	
Classification in accordance with ZVDH (DE)	UDB - USB - B	
Classification in accordance with Onorm B4119 / B3661 (AT)	Typ I	
Classification in accordance with Sintef (NO)	TG 20647	



PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m ²	100
Air layer equivalent to the vapour passage [Sd]	EN 1931 / EN ISO 12572	m	0,03
Water vapour diffusion [DVA]	EN ISO 12572	g/m ² / 24h	ca.1000
Water column	EN 20811	cm	>200
Resistance to water penetration	EN 1928	-	W1
Tensile strength MD*	EN 12311-1	N/50mm	250 (±30%)
Tensile strength CD*	EN 12311-1	N/50mm	150 (±30%)
Elongation MD*	EN 12311-1	%	80 (±30%)
Elongation CD*	EN 12311-1	%	120 (±30%)
Resistance to tearing MD*	EN 12310-1	N	120 (±20%)
Resistance to tearing CD*	EN 12310-1	N	150 (±20%)
Fire reaction	EN 13501-1	Class	E
UV-stability	-	Months	2
Temperature resistance	-	°C	-40 / +80
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	200 (±20%)
Tensile strength CD*	EN 13859-1	N/50mm	145 (±20%)
Elongation MD*	EN 13859-1	%	60 (±20%)
Elongation CD*	EN 13859-1	%	95 (±20%)

Density	EN 1849-1	Kg/m ³	250
Thickness	EN 1849-2	mm	0,4
Vapour resistance coefficient [μ]	-	-	75
Vapour permeability coefficient	-	Kg/m*s*Pa	2,5733*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.