

Windtop UV Fire B 50/210

Highly breathable membrane for walls
Riwega | eternitycomfort



Technical data sheet

of 29/02/2024

Art. 02010300(1,5m)-020103000(3,0m)

Rev.00

of -

Material	PET.PU		 EN 13859-2
Film	Functional coating		
Colour	Black		
Roll width	1,5 m	3 m	
Roll length	50 m	30 m	
Roll weight	17 kg	20kg	
Classification in accordance with Önorm B4119/B3661(AT)	Typ I		
Available in TOP SK version	1,5mx30m cod. art.02020307		

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m ²	210 (±20g/m ²)
Air layer equivalent to the vapour passage [Sd]	EN ISO 12572	m	0,1 (-0,05/+0,05 m)
Water vapour diffusion [DVA]	EN ISO 12572	g/m ² / 24h	~200
Water column	EN 20811	cm	> 300
Heavy rain test	TU Berlin	-	Passed
Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD*	EN 12311-1	N/50mm	380 (±60N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	420 (±80N/50mm)
Elongation MD*	EN 12311-1	%	40 (-20/+20%)
Elongation CD*	EN 12311-1	%	55 (-25/+20%)
Resistance to tearing MD*	EN 12310-1	N	220 (-60/+80 N)
Resistance to tearing CD*	EN 12310-1	N	210 (-50/+60 N)
Air permeability	EN 12114/EN 13859-2	m ³ /(m ² h Pa)	< 0,08
Fire reaction	EN 13501-1	Class	B, s1 - d2
Weathering without final cladding**	-	Months	6
UV-stability (with joints up to 50 mm wide with up to 40% of the facade uncovered)	-	-	Stable
Temperature resistance	-	°C	-40 / +80
After artificial ageing***			
Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD*	EN 12311-1	N/50mm	340 (-60/+80N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	380 (-80/+100N/50mm)
Elongation MD/CD*	EN 12311-1	%	35 / 50 (±20%)

Density	EN 1849-1	Kg/m ³	345
Thickness	EN 1849-2	mm	0,61mm
Vapour resistance coefficient [μ]	EN ISO 12572	-	164
Vapour permeability coefficient	-	Kg/m*s*Pa	-
Thermal conductivity [λ]	-	W/mK	0,22
Specific heat	-	J/KgK	1700

* MD= Machine Direction; CD= Cross Direction.

**Referring to the Central Europe climate

***Membrane subjected to artificial ageing test for 5000h

npd= data not available

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.