

# Windtop UV Fire B 30/120



Highly breathable membrane for walls in class B fire reaction  
Riwega | eternitycomfort

Technical data sheet

of 29/02/2024

Art. 02010340(1,5m)-02020306(TOP SK)

Rev.00 of -

Material	PP.TPU	 EN 13859-2 
Film	Functional coating	
Colour	Black	
Roll width	1,5 m	
Roll length	50 m	
Roll weight	8,5kg	
Classification in accordance with Önorm B4119/B3661(AT)	Typ I	
Available in TOP SK version	1,5mx50m cod. art.02020306	

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m <sup>2</sup>	120 (±10g/m <sup>2</sup> )
Air layer equivalent to the vapour passage [Sd]	EN ISO 12572	m	0,08 (-0,06/+0,02 m)
Water vapour diffusion [DVA]	EN ISO 12572	g/m <sup>2</sup> / 24h	~200
Water column	EN 20811	cm	> 500
Heavy rain test	ZVDH	-	Passed
Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD*	EN 12311-1	N/50mm	150 (±15N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	115 (±15N/50mm)
Elongation MD*	EN 12311-1	%	100 (-35/+40%)
Elongation CD*	EN 12311-1	%	100 (-35/+40%)
Resistance to tearing MD*	EN 12310-1	N	140 (-15/+25%)
Resistance to tearing CD*	EN 12310-1	N	180 (-10/+20%)
Air permeability	EN 12114/EN 13859-2	m <sup>3</sup> /(m <sup>2</sup> h Pa)	0
Fire reaction	EN 13501-1	Class	B, s1 - d0
Weathering without final cladding**	-	Months	3
UV-stability (with joints up to 50 mm wide with up to 40% of the facade uncovered)	-	-	Stable
Temperature resistance	-	°C	-40 / +80
<b>After artificial ageing***</b>			
Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD*	EN 12311-1	N/50mm	>65%
Tensile strength CD*	EN 12311-1	N/50mm	>65%
Elongation MD/CD*	EN 12311-1	%	>65%

Density	EN 1849-1	Kg/m <sup>3</sup>	286
Thickness	EN 1849-2	mm	0,42
Vapour resistance coefficient [μ]	EN ISO 12572	-	190
Vapour permeability coefficient	-	Kg/m*s*Pa	1,0158*10 <sup>-12</sup>
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