

Windtop UV 30/210



Highly breathable membrane for walls
Riwega | eternitycomfort

Technical data sheet

of 30/07/2019

Art. 020103015(1,5 m)-020103012(3,0 m)

Rev.05 of 07/01/2025

Material	PUR.PET		
Film	PUR		
Colour	Black		
Roll width	1,5 m (+1,5/-0,5%)	3,0 m (+1,5/-0,5%)	EN 13859-2
Roll length	50 m		
Roll weight	16 Kg	32 Kg	
Class. in accord. with Önorm B4119/B3661 (AT)	Typ I		

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	0,15 (±0,05m)
Water vapour diffusion [DVA]	EN ISO 12572	g/m ² / 24h	ca.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	360 (-60/+70N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	250 (-60/+70N/50mm)
Elongation MD*	EN 12311-1	%	20 (-10/+15%)
Elongation CD*	EN 12311-1	%	25 (-10/+15%)
Resistance to tearing MD*	EN 12310-1	N	180 (±60N)
Resistance to tearing CD*	EN 12310-1	N	280 (±60N)
Dimensional stability	EN 1107-2	%	<1
Flexibility at low temperature	EN 1109 / EN 495-5	°C	-30
Air permeability	EN 12114 / EN 13859-2	m ³ /(m ² h 50Pa)	npd**
Fire reaction	EN 13501-1	Class	E
Weathering without final cladding****	-	Months	3
UV-stability (with joints up to 30 mm wide with up to 30% of the facade uncovered)	-	-	Stable
Temperature resistance	-	°C	-40 / +100

After artificial ageing***			
Resistance to water penetration	EN 1928 (Met. A)	-	W1
Tensile strength MD/CD*	EN 12311-1	N/50mm	340 / 220 (-60/+70N/50mm)
Elongation MD/CD*	EN 12311-1	%	15 / 20 (-10/+15%)

Density	EN 1849-1	Kg/m ³	389
Thickness	EN 1849-2	mm	0,54
Vapour resistance coefficient [μ]	EN ISO 12572	-	280
Vapour permeability coefficient	-	Kg/m*s*Pa	0,6893*10 ⁻¹²
Thermal conductivity [λ]	-	W/mK	0,22
Specific heat	-	J/KgK	1700

* MD= Machine Direction; CD= Cross Direction.

**npd= no performance determined

***Artificial ageing test of 5000h

****Referring to the Central Europe climate

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.