Panther Universal A2 50/225

A2 fire reaction breathable membrane

Riwega | eternitycomfort

Material	Glass fabric, black filled coating
Colour	Black
Roll width	1,5 m
Roll length	50 m
Roll weight	18 Kg
Classification in accordance with UNI 11470 (IT)	A
Classification in acc. with Önorm B4119/B3661 (AT)	Typ I

CE

EN 13859-1/2

10 years guarantee

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	-	g/m2	225 (±5%)
Air layer equivalent to the vapour passage [Sd]	EN 12572	m	0,06
Water vapour diffusion [DVA]	EN ISO 12572	g/m2/24h	ca. 500
Resistance to water penetration	EN 1928	-	W1
Tensile strength MD*	EN 12311-1	N/50 mm	2931 (±800N/50mm)
Tensile strength CD*	EN 12311-1	N/50 mm	2157 (±800N/50mm)
Elongation MD*	EN 12311-1	%	4,4 (±2%)
Elongation CD*	EN 12311-1	%	3,2 (±2%)
Resistance to tearing MD*	EN 12310-1	N	152 (±10N)
Resistance to tearing CD*	EN 12310-1	N	162 (±10N)
Air permeability	EN 12114	m3/(m2*h*50Pa)	0,002
Fire reaction	EN 13501-1 EN 13501-5	Class Class	A2-s1,d0 B_{roof} (t3)
UV-stability (with joints up to 50 mm wide with up to 50% of the facade uncovered)	-	-	Stable
Exposure without final cover	-	Months	9
Temperature resistance	-	°C	-40/+100 (for short times up to 180°c)
Flexibility at low temperatures	EN 1109	°C	-40
After artificial ageing			
Resistance to water penetration	EN 1928	-	W1
Tensile strength MD*	EN 12311-1	N/50 mm	2160 (±800N/50mm)
Tensile strength CD*	EN 12311-1	N/50 mm	1890 (±800N/50mm)
Elongation MD*	EN 12311-1	%	5% (±2%)
Elongation CD*	EN 12311-1	%	4% (±2%)
Density	-	Kg/m3	1100
Thickness	EN 823	mm	0,2
Vapour resistance coefficient [μ]	EN 12572	-	300
Vapour permeability coefficient	-	Kg/m*s*Pa	0,6433*10-12
Thermal conductivity [λ]	-	W/mK	0,22
Specific heat	-	J/KgK	1700

*MD= Machine Direction; CD= Cross Direction

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

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.