


VSK Bitum Reflex 500

Self-adhesive bituminous membrane with reinforced aluminium foil surface
Riwega | eternitycomfort

Technical data sheet
of 04/06/2020
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Rev.02

Material	Self-adhesive modified bitumen	 EN 13707 EN 13970
Upper layer	Composite aluminium foil	
Reinforcement	Fibre mesh of glass	
Protection liner	Silicone liner (H=1,08m)	
Colour	Reflective aluminium grey	
Roll width (EN 1848-1)	1,08 m	
Roll length (EN 1848-1)	50 m	
Thickness (EN 1849-1)	0,5 mm	

PROPERTIES	METHOD	UNITS	VALUE
External fire performance	EN 13501-5	-	Broof (t1)
Reaction to fire	EN 13501-1:2002	-	Class E
Areal mass	EN 1849-1	g/m ²	500
Air layer equivalent to the vapour passage [Sd]	EN 1931	m	>1500
Resistance to water penetration	EN 1928 Met.A	-	Passed
Tensile strength MD*	EN 12311-1	N/50mm	600 (±20%)
Tensile strength CD*	EN 12311-1	N/50mm	600 (±20%)
Elongation MD*	EN 12311-1	%	12 (±5%)
Elongation CD*	EN 12311-1	%	8 (±4%)
Peel strength at the joints	EN 12316-1	N/50mm	100 (±50)
Flexibility at low temperatures	EN 1109-1	°C	≤ -25
Flow resistance at elevated temperature	EN 1110	°C	≥ 90
Resistance to penetration of roots	EN 13948	-	NPD
Resistance to static loading	EN 12730	-	NPD
Resistance to impact-impact	EN 12691	mm	≥ 300 (met. A)
Resistance to tearing (nail shank) MD/CD*	EN 12310-1	N	NPD
Peel strength at the joints	EN 12317-1	N/50mm	NPD
Artificial aging. The effect of elevated temperature.	EN 1297	-	NPD
Artificial aging. Properties of vapour permeability, water resistance coefficient	EN 1296; EN 1931	-	NPD
Durability: resistance to chemicals	EN 1847; EN 1928	-	NPD
Dangerous substances	-	-	Does not contain dangerous substances

* 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.