

VSK Bitum Reflex 1200

Self-adhesive bituminous membrane with aluminum foil surface
Riwega | eternitycomfort



Technical data sheet

of 07/11/2023

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Material	Elastomeric bitumen and glass tissue - cold self-adhesive membrane	 EN 13970 
Upper layer	Special aluminum composite with band 6 cm self-adhesive	
Protection liner	Silicone liner	
Colour	Reflective aluminium grey	
Roll width (EN 1848-1)	1,00 m	
Roll length (EN 1848-1)	20 m	

PROPERTIES	METHOD	UNITS	VALUE
Fire reaction	EN 13501-1	Class	E
Areal mass	EN 1849-1	g/m ²	ca. 1200
Sd value	EN 1931	m	>1500
Resistance to water penetration (10kPa)	EN 1928 Met.A	-	Passed
Tensile strength MD*	EN 12311-1	N/50mm	470 (±100N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	320 (±100N/50mm)
Elongation MD*	EN 12311-1	%	3 (±1%)
Elongation CD*	EN 12311-1	%	3 (±1%)
Resistance to tearing MD*	EN 12310-1	N	120 (±25N)
Resistance to tearing CD*	EN 12310-1	N	120 (±25N)
Shear strength of the joint MD/CD*	EN 12317-1	N/50mm	≥250
Low temperature flexibility	EN 1109-1	°C	-25
Heat resistance	EN 1110	°C	80
Processing temperature (recommended)	-	°C	≥+10
Straightness	EN 1848-1	mm/10m	<20
Resistance to shock loads	EN 12691	mm	npd**
Durability - Artificial ageing			
Resistance to water penetration (10kPa)	EN 1928 Met.A	-	Passed
Sd value	EN 1931	m	>1500

Density	-	kg/m ³	1000
Thickness	EN 1849-1	mm	1,2 (±0,2mm)
Vapour resistance coefficient [μ]	-	-	1250000
Vapour permeability coefficient	-	Kg/m ² s*Pa	0,0002*10-12
Thermal conductivity [λ]	-	W/mK	0,17
Specific heat	-	J/KgK	840

* MD= Machine Direction; CD= Cross Direction

**npd: no performance determined

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.