VSK DS 1500 SYN

Vapour and radon barrier with completely self-adhesive surface

Riwega | eternitycomfort

Rev.02

Technical data sheet of 27/05/2020

Art. 02065030 of 16/03/2023

Material	PP.PE.Alu.PE.PP
Colour	White
Use	Floor / sloping roof
Roll width	1,5 m
Roll length	30 m
Roll weight	Approx. 11 Kg
Classification in accordance with UNI 11470 (IT)	A
Classification in accordance with Önorm B4119/B3661 (AT)	Typ I
Classification in accorance with SIA 232-1 (CH)	VU-VO G+R
Conforms to DTU (FR)	31.2

CE

EN 13984

10 years guarantee

PROPERTIES	METHOD	UNITS	NOMINAL VALUE
Areal mass	EN 1849-2	g/m^2	235 (±10g/m2)
Glue	-	-	Solvent and emollient free acrylic based adhesive
Glue weight	-	g/m2	Approx. 100
Split liner	-	cm	125 + 25
Air layer equivalent to the vapour passage [Sd]	EN ISO 12572	m	3000
Water vapour diffusion [DVA]	EN ISO 12572	g/m^2 / 24h	Approx. 0,02
Water column	EN 20811	cm	> 200
Heavy rain test	EN 1027	Pa	> 600
Resistance to water penetration	EN 13984 (EN1928 Met.A)	-	Passed
Tensile strength MD*	EN 12311-1	N/50mm	170 (±30N/50mm)
Tensile strength CD*	EN 12311-1	N/50mm	110 (±30N/50mm)
Elongation MD*	EN 12311-1	%	60 (±15%)
Elongation CD*	EN 12311-1	%	45 (±15%)
Resistance to tearing MD*	EN 12310-1	N	75 (±15N)
Resistance to tearing CD*	EN 12310-1	N	90 (±15N)
Fire reaction	EN 13501-1	Class	E
UV-stability	-	Months	3
Temperature resistance	-	°C	-40 / +100
Working temperature	-	°C	+5 / +40
Radon permeability	ISO 11665-10	m^2/s	$1,64 \times 10^{-14}$
Durability			
Artificial ageing	EN 1926	-	Passed
Alkali resistance	EN 13984 (EN1928 Met.A)	-	Passed

Density	EN 1849-1	Kg/m^3	336
Thickness	EN 1849-2	mm	0,7
Vapour resistance coefficient [μ]	EN ISO 12572	-	4285714
Vapour permeability coefficient	-	Kg/m*s*Pa	0,00002*10-12
Thermal conductivity [λ]	-	W/mK	0,22
Specific heat	-	J/KgK	1700

*MD= Machine Direction; CD= Cross Direction

Store in a cool, dry place, protected from UV rays, at a temperature between +18 °C and +25 °C, for up to 24 months

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.