

RESITRIX® SK W full bond

Production | Plant:

CARLISLE Construction Materials GmbH
Eisenacher Landstrasse 70
D-99880 Waltershausen | Germany

General characteristics:				
Notified Body		0432		
General characteristics:				
Description:		Composite waterproofing sheet consisting of EPDM- and polymer-modified self-adhesive bitumen.		
Use :		The membrane for use in partially and fully bonded applications.		
Application (general):		Installation should not be carried out during wet weather (e.g. rain, fog, snow) nor when the temperature is below 5°C unless suitable precautions against surface condensation are taken. All flashings should be formed in accordance with the (Carlisle)-manufacturer Instructions.		
Description of the Product :				
Reinforcement :		Glass-reinforcement		
Top layer:		Synthetic rubber EPDM (Ethylene-Propylene Rubber)		
Under side:		Polymer-modified self-adhesive bitumen with a release film		
Characteristics	Test documents	Units	Mean results	Declared values
Thickness:	EN 1849-2	mm	2,50	2,4 – 2,7
Width:	EN 1848-2	mm	1000	1000 -0,5% till + 1,0%
Length:	EN 1848-2	m	10,0	10 ± 0,8%
Straightness:	EN 1848-2	mm	fulfilled	≤ 50 per 10 m
Flatness:	EN 1848-2	mm	fulfilled	≤ 10
Mass per unit area:	EN 1849-2	kg/m ²	2,66	2,500 – 3,00
Maximum tensile force:	EN 12311-2	N/50 mm	715	≥500
Elongation at break:	EN 12311-2	%	3	2-5
Elongation at break (elastomer):	EN 12311-2	%	600	≥ 300
Flow resistance at high temperature (at 100°C):	EN 1110	mm	< 0	< 2
Flexibility at low temperature:	EN 1109 / EN 495-5	°C	-30	-30
Dimensional stability:	EN 1107-2	%	0,05	≤ 0,5
Water tightness of the sheet and the joints (72h) / 0,6 MPa:	EN 1928-B	MPa	Fulfilled	Fulfilled
Water vapour diffusion resistance index μ:	EN 1931	-	58000	≥ 58000
Peel resistance of joints:	EN 12316-2	N/50 mm	140	≥ 80
Shear resistance of joints:	EN 12317-2	N/50 mm	570	≥ 200
Resistance to impact for all substrates (mm):	EN 12691/A + B	mm	2000	2000
Resistance to static loading:	EN 12730-B EN 12730-A	- -	- -	20 kg (less compressible substrate) 10 kg (most compressible substrate)
Resistance to root penetration	EN 13498 / FLL	-	root resistant	Root resistant
Durability:				
The resistance of the mechanical characteristics against ageing:				
According to ETA-06/0174 physical properties acc. to EN 12316-2; 12317-2 in hot water (60°C; 7d) EN 1296 at elevated temperature EN 1297 to UV-radiation (> 1000h, grade 0) EN 1844 resistance to ozone are proved				
Reaction to fire:	EN 13501-1	-	-	Class E
Statement on dangerous substances:	-	-	-	Does not contain any

Subject to change without prior notice.