

## RXFLOOR+ TECHNICAL SPECIFICATIONS - (5 mm) MEMBRANE 10 YEAR LIMITED WARRANTY

GENERAL CHARACTERISTIC			REV 2022-02
Total thickness	inch	0,325	
	mm	8,25	

## COMFORT VINYL TECHNICAL SPECIFICATIONS

DESCRIPTION			REV 2022-02
Vinyl thickness	ASTM F386	0,127" (3,25 mm)	
Wear layer thickness	ASTM F410	0,70 mm	
Surface treatment / maintenance		Protecsol @ 2 / no metallization	
Roll length		82' (25 m)	
Width of sheet		6'6" (2 m)	
Roll coverage		50 m <sup>2</sup>	
Weight		2 825 g/m <sup>2</sup>	
Reference	ASTM F1303	Type 1, Grade 1	
Backing		Type C	
PERFORMANCE			REV 2022-02
Static load	ASTM F970	≤ 0.002" (≤ 0.05 mm)	
Maximum static load	(ASTM F970)	500 psi	
Residual indentation (75 lbs)	ASTM F1914	Comply	
Static coefficient of friction	ASTM D2047	0.57 (S) / 0.68 (H)	
Abrasion		(≤ 3 mm <sup>3</sup> )	
Flexibility	ASTM F137	Comply	
Resistance to chemicals	ASTM F925	Excellent	
Dimensional stability	ASTM2199	Comply	
Light stability	ASTM F1515	Comply	
Heat stability	ASTM F1514	Comply	
Impact Insulation Class (IIC)	ASTM E989		
Impact sound transmission	ASTM E492	59 db	
Critical radiant flux	ASTM E648	Class 1	
	CAN ULC S102.2	Comply	
Optical Density of smoke	ASTM E662	Comply	



ENVIRONMENT / AIR QUALITY			REV 2022-02
COTV after 28 days	ISO 16000-6	< 70 ug/m <sup>3</sup>	
Indoor Environmental Quality / Low-emitting materials	IEQ 4.3 LEED v3	Floorscore	
Antibacterial activity	ISO 22196	Inhibits the spread of infection to 99.9 %	
Allergen-free		100% Allergen-free	
No use of harmful chemicals	MRc4 LEED v4	Comply to REACH	
Production waste	MRc3 LEED v4	100 % recycled	
Recyclable		100 %	
Certification	ISO 14001, ISO 9001	Comply	

## PERFORMANCE PLUS LR MEMBRANE TECHNICAL SPECIFICATIONS

Properties	Status	Norm	Unit	Min.	Max.	Average
<b>GENERAL</b>						REV2022-02
Thickness	**	ISO-1923	mm	4.65	5.35	5,00
Area weight	**	Internal	g/m <sup>2</sup>	380	520	450
Apparent density	**	ISO-845	kg/m <sup>3</sup>	81.0	99.0	90.0
<b>TENSILE STRENGTH AT 23°C</b>						
Lengthwise at break	F	ISO-1926	kPa	900	1500	1200
Crosswise at break	F			760	1200	980
<b>TENSILE ELONGATION AT 23°C</b>						
Lengthwise	F	ISO-1926	%	130	230	180
Crosswise	F			120	220	170
<b>COMPRESSION STRESS/STRAIN, S</b>						
Deflection 25%	F	ISO-3386-1	kPa	120	220	170
Deflection 40%	F			150	290	220
Deflection 50%	F			190	350	270
<b>COMPRESSION SET</b>						
Deflection 25%, 30 min. after discharge	P	ISO-1856-C	%	8	12	10
Deflection 25%, 24h after discharge	P			2.0	8.2	4.1
<b>THERMAL STABILITY</b>						
Max. Temperature	F	Internal	°C	100		
Dimensional change, lengthwise and crosswise	F		%	-5		
<b>ISO 3795 - FLAMMABILITY</b>						
Burning speed	P	ISO-3795	mm/min	N/A	N/A	100
<b>SHORE HARDNESS</b>						
Shore A	P	ISO 868-1985		29	35	32
Shore 0	P	ASTM D2240		34	44	39
Shore 00	P			68	82	75
<b>ABSORPTION D'EAU</b>						
Vol. % water absorption		ISO 2896	%	1		



This information on Alveolen®, crosslinked polyolefin foam is presented to our best knowledge.

All properties are based on individual values and should be considered as guideline, not as specification.

\*\* : to be considered as specification

P : to be considered as provisional property

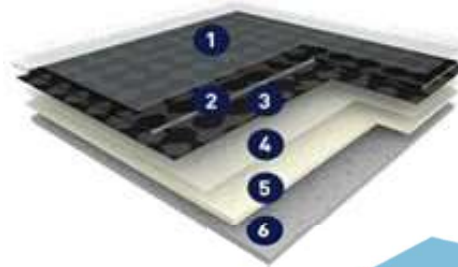
F : to be considered as final property

For details regarding test methods, please refer to the latest revision of the Sekisui Alveo Test manual Alveolen®

- Registered trademark of Sekisui Alveo AG

## COMFORT VINYL TECHNICAL DESCRIPTION

1. Protexsol Treatment
2. Transparent wear layer
3. Printed design
4. Fiber Glass Grid
5. Compact backing
6. THD Foam



*\*10 Years Warranty – Product and Installation*

