

Technical specifications

Sarlon 15 dB, 17 dB and 19 dB meets the requirements of EN 14041 and EN 651
Canyon compact meets the requirements of EN 14041 and EN 649

		Sarlon 15 dB	Sarlon 17 dB	Sarlon 19 dB	Canyon compact	
	Total thickness	EN 428 (ISO 24346)	2.6 mm	3.0 mm	Printed 3.4 mm Cristal 3.75 mm	2.0 mm
	Wear layer thickness	EN 429 (ISO 24340)	0.70 mm	0.67 mm	Printed 0.67 mm Cristal 0.75 mm	0.70 mm
	Total weight	EN 430 (ISO 23997)	2,700 g/m ²	2,500 g/m ²	Printed 2,900 g/m ² Cristal 3,000 g/m ²	2,400 g/m ²
	Impact sound reduction	EN ISO 717-2	$\Delta L_w = 15$ dB	$\Delta L_w = 17$ dB	$\Delta L_w = 19$ dB	$\Delta L_w = 5$ dB
	In-room impact noise	NF 5 31-074	$L_{n,e,w} < 65$ dB, Class A	$L_{n,e,w} < 65$ dB, Class A	$L_{n,e,w} < 65$ dB, Class A	-
	Sound absorption	EN ISO 354 EN ISO 11654	$\alpha_w = \pm 0,05$	$\alpha_w = \pm 0,05$	$\alpha_w = \pm 0,05$	-
	Residual indentation (maximum measured value)	EN 433 (ISO 24343-1)	0.07 mm	0.09 mm	0.11 mm	0.02 mm
	Average measured value		0.05 mm	0.07 mm	0.08 mm	-
	Requirement		$\leq 0,20$ mm	$\leq 0,20$ mm	$\leq 0,20$ mm	$\leq 0,10$ mm
	Slip resistance	DIN 51130	R10	R9	R9	R10
	Abrasion resistance	EN 660-2 (ISO 24338)	T	T	T	T
	Specifications		EN 651 (ISO 11638)	EN 651 (ISO 11638)	EN 651 (ISO 11638)	NF EN 649 (ISO 10582)
	Commercial use	EN 685 (ISO 10874)	34	34	34	34
	Industrial use	EN 685 (ISO 10874)	42	42	42	43
	Packaging		Rolls	Rolls	Rolls	Rolls
	Roll length	EN 426 (ISO 24341)	25 ml	25 ml	25 ml	25 ml
	Roll width	EN 426 (ISO 24341)	2 m	2 m	2 m	2 m
	Castor chair resistance	EN 425 (ISO 4918)	Yes	Yes	Yes	Yes
	Furniture leg resistance	EN 424 (ISO 16581)	compliant	compliant	compliant	compliant
	Dimensional stability	EN 434 (ISO 23999)	< 0.10 %	< 0.10 %	< 0.10 %	< 0.10 %
	Requirement		≤ 0.40 %	≤ 0.40 %	≤ 0.40 %	≤ 0.40 %
	Colour fastness to light	EN ISO 105-B02	7	7	7	7
	Requirement		≥ 6	≥ 6	≥ 6	≥ 6
	Stain resistance	EN 423 (ISO 26987)	Good	Good	Good	Good
	Surface treatment		PUR	PUR	PUR	PUR
	Fungistatic and bacteriostatic treatments		BIOSTATIC*	BIOSTATIC*	BIOSTATIC*	-
	Emissions into air : TVOC* at 28 days	NF EN ISO 16000 (ISO 10580)	< 100 $\mu\text{g}/\text{m}^3$	< 100 $\mu\text{g}/\text{m}^3$	< 100 $\mu\text{g}/\text{m}^3$	< 100 $\mu\text{g}/\text{m}^3$
	REACH (European regulation)	1907/2006/CE	compliant ⁽¹⁾	compliant ⁽¹⁾	compliant ⁽¹⁾	compliant ⁽¹⁾
	All Sarlon products meet the requirements of EN 14041					
	Reaction to fire	EN 13501-1	$B_f - s1$ ⁽¹⁾	$C_f - s1$ ⁽¹⁾	$C_f - s1$ ⁽¹⁾	$B_f - s1$ ⁽¹⁾
	Slip resistance	EN 13893	Class DS ($\mu \geq 0,30$)	Class DS ($\mu \geq 0,30$)	Class DS ($\mu \geq 0,30$)	Class DS ($\mu \geq 0,30$)
	Body voltage	EN 1815	$E \leq 2$ kV , Antistatic	$E \leq 2$ kV , Antistatic	$E \leq 2$ kV , Antistatic	$E \leq 2$ kV , Antistatic
	Thermal conductivity	EN 12524 (EN ISO 10456)	0,25 W/(m.K), suitable for heated floors	0,25 W/(m.K), suitable for heated floors	0,25 W/(m.K), suitable for heated floors	0,25 W/(m.K), suitable for heated floors

⁽¹⁾ Valid on every substrate: wood, non combustible A2fl-s1 or A1fl, or on free laying (with SARLIBASE TE underlayer)

⁽²⁾ The articles (products) do not contain substances of the candidate list published by ECHA (SVHC substances of very high concern)

⁽³⁾ Valid on non combustible substrate: A2fl-s1 or A1fl

* TVOC : total volatile organic compounds