

TECHNICAL DATA	STANDARDS	Expona Simplay PUR	Polysafe QuickLay PUR	Architex PUR	Designatex PUR	Secura PUR	Expona EnCore Rigid Loc PUR	Camaro Loc PUR	Camaro Rigid Core PUR
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Product Format

Gauge	ISO 24346 (EN 428)	5.0mm	2.2mm	3.5mm	3.0mm	3.0mm	6.5mm	4.0mm	5.5mm
Wear Layer	ISO 24340 (EN 429)	0.70mm	-	0.35mm	0.30mm	0.35mm	0.55mm	0.30mm	0.30mm
Sheet Size	ISO 24341 (EN 426)	-	2m x 20m	4m x 20-25m 3m x 20-25m 2m x 20-25m	4m x 20-25m 3m x 20-25m 2m x 20-25m	4m x 20-25m 3m x 20-25m 2m x 20-25m	-	-	-
Plank Sizes	ISO 24342 (EN 427)	177.8mm x 1219.2mm 185mm x 1505mm	-	-	-	-	177.35mm x 1212.4mm 196.4mm x 1212.4mm	145.6mm x 907.6mm 177.4mm x 1212.4mm	101.6mm x 609.6mm 177.4mm x 1212.4mm
Tile Sizes	ISO 24342 (EN 427)	177.8mm x 1219.2mm 304.8mm x 609.6mm 600mm x 600mm 914.4mm x 914.4mm	-	-	-	-	-	298mm x 602.8mm	304.8mm x 609.6mm
Total Weight	ISO 23997 (EN 430)	8000g/m <sup>2</sup>	2700g/m <sup>2</sup>	2150g/m <sup>2</sup>	1700g/m <sup>2</sup>	1780g/m <sup>2</sup>	10,800g/m <sup>2</sup>	7025g/m <sup>2</sup>	8570g/m <sup>2</sup>
Finish		PUR	PUR	PUR	PUR	PUR	PUR	PUR	PUR

Performance Requirements

General Performance	ISO 26986 (EN 653)	-	-	Conforms	Conforms	Conforms	-	-	-
	ISO 10582 (EN 649)	Conforms	-	-	-	-	-	Conforms	-
	EN 16511	-	-	-	-	-	Conforms	-	Conforms
	EN 13845	-	Conforms	-	-	-	-	-	-
	ASTM F1303	-	Conforms	-	-	-	-	-	-
	ASTM F3621	-	-	-	-	-	-	Conforms	-
Use Area	ISO 10874 (EN 685)	23, 34, 43	23, 34, 43	23, 32	23, 31	23, 32, 41	23, 34	23, 31	23, 31
Slip Resistance	EN 13893	Class DS	-	Class DS	Class DS	Class DS	Class DS	Class DS	Class DS
	DIN 51130 / DIN EN 16165 Ann. B	R10	R11	R10	R10	R10	R10	R10	R10
	EN 13845	-	ESf	-	-	-	-	-	-
	RRL Pendulum Test	-	≥45 (wet test - 4S Rubber/Slider 96)	-	-	-	-	-	-
	Surface Roughness	-	Rz ≥20µm	-	-	-	-	-	-
Binder Content	ISO 10582	Type I	-	-	-	-	Type I	Type I	Type I
Abrasion Resistance	EN 649	Group T	Group T	-	-	-	Group T	Group T	-
	EN 653	-	-	Group T	Group T	Group T	-	-	-
	EN 13329 Annex E	-	-	-	-	-	≥ 4000 cycles, Type 1	-	-
	EN 13845	-	50,000 cycles	-	-	-	-	-	-
	EN 13893	-	Class DS	-	-	-	-	-	-
Reaction to Fire	EN 13501-1	Class Bfl-S1	Class Bfl-S1	Class Bfl-S1	Class Bfl-S1	Class Bfl-S1	Class Bfl-S1	Class Bfl-S1	Class Bfl-S1
	ASTM E648	-	Class 1	-	-	-	-	-	-
	CAN/ULC S102.2	FSV < 300; SDV < 500	FSV < 300; SDV < 500	-	-	-	FSV < 300; SDV < 500	-	FSV < 300; SDV < 500
Static Electrical Propensity	EN 1815	≤2.0kV Classified as 'antistatic'	≤2.0kV Classified as 'antistatic'	≤2.0kV Classified as 'antistatic'	≤2.0kV Classified as 'antistatic'	≤2.0kV Classified as 'antistatic'	-	≤2.0kV Classified as 'antistatic'	-
Residual Indentation	ISO 24343-1 (EN 433)	<0.10mm*	-	≤0.20mm	≤0.35mm	≤0.20mm	≤0.10mm	≤0.05mm*	≤0.10mm*
Castor Chair (continuous use)	ISO 4918 (EN 425)	Suitable	-	Suitable	Suitable	Suitable	Suitable	Suitable	Suitable

Sustainability

BRE Green Guide		A+ Generic	A+ Generic	A+ Generic	A+ ENP 415	A+ ENP 415	-	A+ Generic	-
Indoor Air Comfort Gold		Eurofins certified product	Eurofins certified product	Eurofins certified product	Eurofins certified product	Eurofins certified product	Eurofins certified product	Eurofins certified product	Eurofins certified product
FloorScore		Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
Finnish M1		Certified	Certified	-	-	-	-	Certified	Certified
AgBB/ABG		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Responsible Sourcing	BES 6001	-	-	-	Excellent	Excellent	-	Very Good	-
	SA 8000	-	-	-	-	-	Approved factory	Approved factory	Approved factory

Acoustic Performance

Impact Sound Reduction	ISO 10140-3	8dB	10dB	19dB	17dB	19dB	19dB	19dB**	18dB
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Maintenance Performance

Resistance to Chemicals	ISO 26987 (EN 423)	Good resistance	Good resistance	Good resistance	Good resistance	Good resistance	Good resistance	Good resistance	Good resistance
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Regular light maintenance is more cost-effective than periodic heavy maintenance and more beneficial to the floor covering.

\*Average test value from current production

\*\*Installed with Polyflor Vinyl LOC Underlay