

CERTIFICATIONS & TESTING RESULTS

Description	Standard	Symbol	Requirements	EL collection 1220*181*4.2/0.3+1mm IXPE, V-5Gi	XL collection 1524*228*5.0/0.5 + 1.5mm IXPE, V-5Gi 600*310*5.0/0.5 + 1.5mm IXPE, V-5Gi	WL collection 1220*228*5.0/0.5 + 1.5mm IXPE, V-5Gi 1800*228*5.0/0.5 + 1.5mm IXPE, V-5Gi DC collection 630*126*5.0/0.5 + 1.5mm IXPE, V-5Gi	BLA collection Dry Back 1227*187*2.0/0.3	BLB collection Dry Back 1507*235*2.5/0.5
Size				1220mm x 180mm	1524mm x 228mm 600mm x 310mm	1220mm x 228mm 1800mm x 228mm 630mm x 126mm	1227mm x 187mm	1507mm x 235mm
Thickness				4.0mm	5.0mm	5.0mm	2.0mm	2.5mm
Wear layer				0.3mm	0.5mm	0.5mm	0.3mm	0.5mm
Attached Pad				1mm IXPE, 66.7kg/m ³	1.5mm IXPE, 100kg/m ³	1.5mm IXPE, 100kg/m ³	NO	NO
Classification (Level of Use)	EN 16511 EN ISO 10874			Class 23: use for Heavy Domestic Class 31: use for Moderate Commercial	Class 33: use for Heavy Commercial Class 42: use for General Light Industrial	Class 33: use for Heavy Commercial Class 42: use for General Light Industrial	Class 23: use for Heavy Domestic Class 31: use for Moderate Commercial	Class 33: use for Heavy Commercial Class 42: use for General Light Industrial
CE Certification	EN 14041			Passes Requirements	Passes Requirements	Passes Requirements	Passes Requirements	Passes Requirements
Reaction to Fire	EN 14041 ASTM 648			Bfl - s1 Classification Class I	Bfl - s1 Classification Class I	Bfl - s1 Classification Class I	Bfl - s1 Classification Class I	Bfl - s1 Classification Class I
In Door Air Comfort Gold				Passes Requirements	Passes Requirements	Passes Requirements	Passes Requirements	Passes Requirements
Dimensional Variance Straightness (s) Flatness (f) Height Difference (h) Squareness (q) Openings (o)	ISO 24337		smax ≤ 0.30mm/m fl,concave ≤ 0.5%, fl,convex ≤ 1% havg ≤ 0.1mm, hmax ≤ 0.15mm qmax ≤ 0.2mm oavg ≤ 0.15mm, omax ≤ 0.2mm	Passes Requirements	Passes Requirements	Passes Requirements	Passes Requirements	Passes Requirements
Dimensional Stability	EN ISO 23999		≤ 0.25%	≤ 0.08%	≤ 0.08%	≤ 0.08%	≤ 0.15%	≤ 0.15%
Curling	EN ISO 23999		≤ 2mm	≤ 1mm	≤ 1mm	≤ 1mm	≤ 1.2mm	≤ 1.2mm
Residual Indentation	ISO 24343-1		≤ 1mm	Passes Requirements	Passes Requirements	Passes Requirements	Passes Requirements	Passes Requirements
Castor Chair Resistance	ISO 4918: 2009		After 25000 cycles	5000 cycles	7000 cycles	7000 cycles	/	/
Locking Strength	ISO 24334		Long Side ≥ 1.0kN/m Short Side ≥ 1.5kN/m	Passes Requirements	Passes Requirements	Passes Requirements	/	/
Slip Resistance	EN 13893		Dynamic coefficient of friction ≥ 0.30	Class DS	Class DS	Class DS	Class DS	Class DS
Color fastness to artificial light	ISO 105-B02:2014			Grade 6	Grade 6	Grade 6	Grade 6	Grade 6
Sound Testing	ASTM E90 ASTM E492 ASTM E2179		Concrete Slab 203mm	STC: 73 IIC: 76 Delta : 13	STC: 73 IIC: 76 Delta : 13	STC: 73 IIC: 76 Delta : 13	STC: 68 IIC: 66 Delta : 22	STC: 68 IIC: 66 Delta : 22
Thermal conductivity Thermal resistance	EN 12664			0.110 W(m.K) 0.076(m ² .K)/W	0.110 W(m.K) 0.076(m ² .K)/W	0.110 W(m.K) 0.076(m ² .K)/W		Not tested
Needle Scratch Resistance (g)	ISO1518			B2-B3	B2-B3	B1	B2-B3	B2-B3
Micro-Scratch-Martindale Pilling Tester /Test Weight	EN16094			B4-B5	B4-B5	B2	B4-B5	B4-B5
Gloss Retention	EN16094			A2	A2	A1	A2	A2
Chemical Resistance	EN 423			3	3	1	3	3