

ELEMENTS

COLLECTION

CHARACTERISTICS		STANDARDS	15	20	20 Plus	30 Plus	50 Plus
Floor Properties	Total Thickness	EN ISO 24346	3.2mm	3.5mm	4.5mm	4.5mm	5.5mm
	Acoustic Solution	EN ISO 24346	No backing	No backing	1mm	1mm	1.5mm (With antibacterial Bio-Guard)
	Wear Layer	EN ISO 24340	0.15mm	0.2mm	0.2mm	0.3mm	0.5mm
	Finish		UV COATING	UV COATING	UV COATING	UV COATING	UV COATING
	Surface		Crystal Embossing	Crystal Embossing	Crystal Embossing	EUR+Micro-bevel	EUR+Bevelled Edge
	Installation Method / Level		Unilic Locking - Glueless Floating	Unilic Locking - Glueless Floating	Unilic Locking - Glueless Floating	Unilic Locking - Glueless Floating	Unilic Locking - Glueless Floating
	Usage Class	EN 10874	21/31 (of EN ISO 10582)	23/34 (of EN ISO 10582)	23/34 (of EN 16511)	23/34 (of EN 16511)	23/34 (of EN 16511)
Packing Information	Planks Size (L*W)		1219*181mm	1219*181mm	1219*181mm	1218mm*181mm	1218mm*228mm
	Pallet Size (W*L*H)		1000*1250*710mm	1000*1250*710mm	1000*1250*710mm	1000*1250*760mm	1000*1250*760mm
	Planks/package (sqm/package)		14 (3.09 sqm)	12 (2.65 sqm)	12 (2.65 sqm)	10 (2.20 sqm)	8 (2.22 sqm)
	Weight/package		20.55kg	19.27kg	19.60kg	16.91kg	19.38kg
	Package/pallet		55	55	50	55	48
	sqm/pallet		169.89	145.62	132	121	107
	sqm/container		3397	3058	3044	2904	2568
	Pallet/container		20	21	23	24	24
	Package/container		1100	1155	1150	1320	1152
Total weight/pallet		1155kg	1085kg	1005kg	950kg	960kg	
Behaviour to Heat	Reaction to Fire (CE)	EN 13501-1	Bfl-S1	Bfl-S1	Bfl-S1	Bfl-S1	Bfl-S1
	Thermal Conductivity	EN 12667	0.087 W(m·K)	0.087 W(m·K)	0.087 W(m·K)	0.087 W(m·K)	0.110 W(m·K)
	Thermal Resistance	EN 12667	0.030 (m²·K)/W	0.030 (m²·K)/W	0.030 (m²·K)/W	0.030 (m²·K)/W	0.030 (m²·K)/W
	Curling after Exposure to Heat	EN ISO 23999	No curling	No curling	No curling	No curling	≤ 10.5/mm
	Underfloor Heating suitability		Suitable, max 27°C	Suitable, max 27°C	Suitable, max 27°C	Suitable, max 27°C	Suitable, max 27°C
Technical Features	Static Electrical Propensity (CE)	EN 14041	0.5kV, Pass	0.5kV, Pass	0.5kV, Pass	0.5kV, Pass	0.5kV, Pass
	Slip Resistance (CE)	EN 13893	DS	DS	DS	DS	DS
	Slip Resistance (Ramp Test)	DIN 51130	-	R9	R9	R9	R9
	Abrasion Resistance	EN 15468, Annex A	> 7300 revolutions (≥ 7000 for Class 34)	> 7300 revolutions (≥ 7000 for Class 34)	> 7300 revolutions (≥ 7000 for Class 34)	> 7300 revolutions (≥ 7000 for Class 34)	> 7300 revolutions (≥ 7000 for Class 34)
	Locking Strength	ISO 24334	Long edge: 4.5 kN/m, short edge: 5.5 kN/m	Long edge: 4.5 kN/m, short edge: 5.5 kN/m	Long edge: 4.5 kN/m, short edge: 5.5 kN/m	Long edge: 4.5 kN/m, short edge: 5.5 kN/m	Long edge: 4.5 kN/m, short edge: 5.5 kN/m
	Castor Chair Resistance	EN ISO 4918	Type W, > 25000 cycles, Pass	Type W, > 25000 cycles, Pass	Type W, > 25000 cycles, Pass	Type W, > 25000 cycles, Pass	Type W, > 25000 cycles, Pass
	Effect of Furniture Leg	EN ISO 16581	Pass	Pass	Pass	Pass	Pass
	Microscratch Resistance	DIN EN 16094	MSR-A3	MSR-A3	MSR-A3	MSR-A3	MSR-A2
	Residual Indentation	EN ISO 24343-1	0.05mm	0.05mm	0.05mm	0.05mm	0.05mm
	Dimensional Stability	EN ISO 23999	≤ 0.05%	≤ 0.05%	≤ 0.05%	≤ 0.05%	≤ 0.05%
	Impact Sound Improvement	EN ISO 717-2	-	-	ΔLw = 21 dB	ΔLw = 21 dB	ΔLw = 20 dB
	Resistance to Stain	EN 438-2	Group 1: Grade 5 Group 2: Grade 4 Group 3: Grade 4/5/5	Group 1: Grade 5 Group 2: Grade 4 Group 3: Grade 4/5/5	Group 1: Grade 5 Group 2: Grade 4 Group 3: Grade 4/5/5	Group 1: Grade 5 Group 2: Grade 4 Group 3: Grade 4/5/5	Group 1: Grade 4 Group 2: Grade 5 Group 3: Grade 4/5/5
	Impact Resistance	EN 13329	> 1800mm	> 1800mm	> 1800mm	> 1800mm	> 1800mm
Toxic Substances	Formaldehyde / VOC Emissions	EN 717-1	E1 / VOC Free	E1 / VOC Free	E1 / VOC Free	E1 / VOC Free	E1 / VOC Free
	Greenguard		Pass	Pass	Pass	Pass	Pass
	Phthalate Free		Yes	Yes	Yes	Yes	Yes



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