

ELEMENTS XTENDED
COLLECTION



CHARACTERISTICS		STANDARDS	FIRE 40	AIR 50
Floor Properties	Total Thickness	EN ISO 24346	2mm	2.5mm
	Wear Layer	EN ISO 24340	0.4mm	0.5mm
	Finish		UV COATING	UV COATING
	Surface		Registered Embossing (EIR)	Registered Embossing (EIR)
	Installation Method / Level		Gluedown	Gluedown
	Usage Class	EN 10874 (of EN ISO 10582)	23/33/41	23/33/41
Packing Information	Planks Size (L*W)		1218*228mm	1218*228mm
	Pallet Size (W*L*H)		950*1230*720mm	1000*1250*720mm
	Planks/package (sqm/package)		18 (5 sqm)	16 (4.44 sqm)
	Weight/package		19.50kg	21.66kg
	Package/pallet		48	52
	sqm/pallet		240	230.88
	sqm/container		5760	4617
	Pallet/container		24	20
	Package/container		1152	1040
Behaviour to Heat	Total weight/pallet		956kg	1146kg
	Reaction to Fire (CE)	EN 13501-1	Bfl-S1	Bfl-S1
	Thermal Conductivity	EN 12667	0.284 W/(m·K)	0.307 W/(m·K)
	Thermal Resistance	EN 12667	0.0069 (m²·K)/W	0.0074 (m²·K)/W
	Curling after Exposure to Heat	EN ISO 23999	≤ 1.0 mm	≤ 1.0 mm
Technical Features	Underfloor Heating suitability		Suitable, max. 27°C	Suitable, max. 27°C
	Static Electrical Propensity (CE)	EN 14041	0.5kV, Pass	0.5kV, Pass
	Slip Resistance (CE)	EN 13893	DS	DS
	Slip Resistance (Ramp Test)	DIN 51130	R9	R9
	Abrasion Resistance	EN 15468, Annex A	> 9000 revolutions (≥ 7000 for Class 34)	> 9000 revolutions (≥ 7000 for Class 34)
	Castor Chair Resistance	ISO 4918	Pass (Type W ₀ > 25000 cycles)	Pass (Type W ₀ > 25000 cycles)
	Microscratch Resistance	DIN EN 16094	MSR-A2	MSR-A2
	Colour Fastness	ISO 105-B02	> 6	> 6
	Residual Indentation	EN ISO 24343-1	0.00mm (≤ 0.1mm)	0.00mm (≤ 0.1mm)
	Dimensional Stability	EN ISO 23999	≤ 0.15%	≤ 0.15%
Toxic Substances	Resistance to Stain	EN 438-2	Group 1: Grade 5 Group 2: Grade 5 Group 3: Grade 4/5/5	Group 1: Grade 5 Group 2: Grade 5 Group 3: Grade 4/5/5
	Formaldehyde / VOC Emissions	EN 717-1	E1 / VOC Free	E1 / VOC Free
	Greenguard		Pass	Pass
	Phthalate Free		Yes	Yes