

DIMENSIONS

Collection	Small plank	Medium plank	Tile
Width	209 mm	189 mm	303 mm
Length	1494 mm	1251 mm	609,6 mm
Number of panels per pack	6 Panels	9 Panels	10 Panels
m ² per pack	1,873 m ²	2,128 m ²	1,847 m ²
Weight per pack	16,88 kg	19,13 kg	16,65 kg
Density	ISO23997 1770±50 kg/m ³	1770±50 kg/m ³	1770±50 kg/m ³
Total thickness	ISO24346 5 mm	5 mm	5 mm
Finishing	Advanced PU -Top coating with scratch & Stain Guard technologie		
Tongue and groove	Uniclic connection		

FACTORY WARRANTY

Usage class	EN 16511: 2014	Class 32	
CE	EN 14041	DOP: end label on pack	
Warranty	Residential use	See warranty conditions	20 years
	Commercial use	See warranty conditions	5 years

GENERAL DATA

	METHOD	PARAMETERS	NORM REQUIREMENTS	Balterio VALUES
Wear resistance	EN13329 - Annex E		≥ 1200 cycles	OK
Impact resistance	EN13329 - Annex F		≥ 1200 mm	≥ 1200 mm
Scratch resistance	EN16094		≤ MSR-A3 ≤ MSR-B3	MSR-A1 MSR-B2
Castor chairs	EN 425	25000 cycles	No delamination, no disturbance	OK
Displacement of furniture feet	EN 424	Foot 0,1 mm / 32 kg		No visible damage
Residual indentation	EN ISO 24343-1		≤ 0,1mm	≤ 0,1 mm
Resistance against staining	EN 438-2	Acetone - Coffee -NaOH -H2O2 - Shoe Polish		grade 5 No change
Swelling	ISO 24336		≤18%	no swelling
Locking strength	ISO 24334	Fmax long side Fmax short side	> 1,0 kN/m > 1,5 kN/m	> 2 kN/m > 3 kN/m
Dimensional stability	ISO 23999	6 hrs at 80°C	≤ 0,15 % < 1mm Cupping	≤ 0,15 % < 1mm
Fire classification	EN 13501-1			Bfl-s1
UV resistance	ISO 105 B02	Blue reference	Class >6	Class 8
Slip resistance	EN 13893			DS
	DIN 51130:2014 / XP P05-C With Shoes		All structures	R10 / PC10
	DIN 51097:1992 / XP P05-C Barefoot		All structures	Class B / PN18
	BS7976-2:2002+A1:2013	Wet	PTV value ≥ 36	PTV value ≥ 42 Low slip potential
		Dry	PTV value ≥ 36	PTV value ≥ 60 Low slip potential
	ENV 12633: 2003 - Annex A		USRV	Class 2
Thermal resistance	EN 12667	Without underlay On a Balterio COMFORT underlay On a Balterio TRANSITSTOP underlay		0,025 m ² K/W 0,045 m ² K/W 0,070 m ² K/W
Floor heating		Appropriate for all standard heating systems IN cement flooring. NOT appropriate for heating films and alternatives. Max contact temp ≤ 27°C. See separate installation instructions.		

ENVIRONMENT & CERTIFICATES

AFFSET		A+
Finnish Building Emission	M1: Very low emission, odorless	Class M1
Formaldehyde emission	EN 14041:2004/AC:05+06 No added formaldehyde in production	<detection limit
TVOC 28 days	ISO16000 part 9-6 AgBB requirement after 28 days <1000 µg/m ³	<20µg/m ³
Content	Heavy metals+ lead/cadmium	NOT present
DANGEROUS SUBSTANCES	Carcinogenic, mutagenic or reprotoxic substances class 1A and 1B (candidate list)	NOT present
REACH	Regulation (EC) No 1907/2006	Compliant
Plasticizer	Ortho-phthalate free plasticizer	
Recycled content	Only INTERNAL recycled material used	

