PERGO
VINYL PLANKS & TILES

TECHNICAL DATA SHEET

optimum click

Edition 10.2019

DIMENSIONS

Collection		CLASSIC PLANK
Width		187 mm
Length		1251 mm
Number of panels per pack		9 Panels
m² per pack		2,105 m²
Weight per pack		17,42 kg
Density		1800±50 kg/m³
Total thickness	ISO24346	4,5 mm
Top layer	ISO24340	0,55 mm
Finishing		Advanced PU -Top coating with TitanV™ technologie
Tongue and groove		PerfectFold™ V
Usage class	EN 16511/ISO10582	Class 33
CE	EN 14041:2004/AC:'05+'06	DOP: end label on pack

GENERAL DATA

	METHOD	PARAMETERS	NORM REQUIREMENTS	PERGO VALUES
Wear resistance	EN13329 - Annex E		≥2000 cycles	OK
Impact resistance	EN13329 - Annex F		≥1600 mm	1800 mm
Scratch resistance	EN16094		≤ MSR-A2	MSR-A1
			≤ MSR-B2	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	0,05 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	>1,0 kN/m	2,0 kN/m
		Fmax short side	>1,5 kN/m	2,5 kN/m
Dimensional stability	ISO 23999	6 hrs at 80°C	<0,25% shrinkage	<0,05%
			expansion	<0,10%
			<1mm Cupping	<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 P05-011	With Shoes	All structures	R10 / PC10
	DIN 51097:1992 / XP P05-011	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 PERGO underlay		0,020 m² K/W
		On a PERGO Basic (roll) underlay		0,040 m² K/W
		On a PERGO SUNSAFE underlay		0,030 m² 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

U-sign			Z-156.603-1573
Floorscore			SCS-FS-03981
AFFSET			SCS-FS-03981
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/m³	<20µg/m³
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		

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CE
EN 14041: 2004/AC 2006
Multilayer Modular
Floorcoverings EN 16511-2013

EMISSION CLASS FOR BUILDING MATERIAL
M1

ÉMISSIONS DANS L'AIR INTÉRIEUR
A+
A+ A B C

floor score

eph BREMEN
Emission tested building product conform to DIBt requirements

WOOD CULTURE

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