

EXPRESSION COLLECTION

Pergo Expression is a laminate floor intended for residential use.



Product description

Type	Value
Dimension	1196x144 mm / 790x92 mm
Thickness	9 mm
Package	1198x144; Pack; 10 planks, 1,72 m ² , Pallet; 40 pcs, 68,89 m ² 790x92; Pack; 16 planks, 1,16 m ² , Pallet; 60 pcs, 69,77 m ²
Weight	1198x144; 8,0 kg/m ² , 13,8 kg/pack, 566 kg/pallet 790x92; 8,0 kg/m ² , 9,3 kg/pack, 574 kg/pallet
Surface	TitanX
Surface texture	Genuine, matt, polished, textured surface (depending on décor)
Core material	HDF moisture resistance
Backing	SoundBloc CS (Compact SoundBloc blue)
Joint	Glue free click system (SmartLock)
Joint sealing	Yes
Bevelled edge	Yes, Long and short side
Built in SoundBloc	Yes (No extra underlay needed)

Before installation

- Store the Pergo floor flat in unopened packages at normal room temperature, (>15°C) at least 0,5 m from the walls, for at least 48 hrs prior to installation.
- Pergo Expression is suitable for use with hot water radiant floor heating. Electric radiant floor heating must be of self-regulating type

Installation

- Pergo Expression installation and maintenance instructions are to be followed as well as valid building standards.
- The temperature in the room shall at the time of installation be at least 15° C and RH 30-75%.

Floor conditions

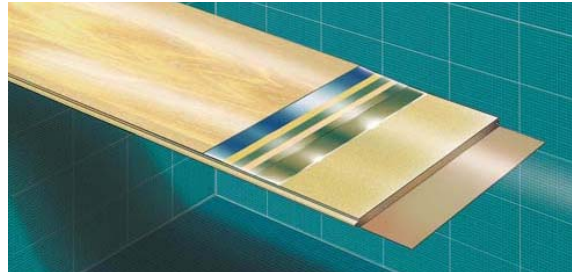
- Use felt pads and castor cups under furniture legs etc. A doormat should be used inside all external doorways to protect the floor.
- The installed floor is designed for an indoor condition of relative humidity between 30 and 75 %. Humidity exceeding this will influence the performance of the floor.

Pergo Sense

A class 23/33 (EN 13329) HPL laminate flooring.

Features

- A HPL-laminate flooring intended for heavy domestic and commercial use.
- A build-in surface shock absorber that has significant better walking comfort than on other floorings.
- Very high resistance against scratches and wear
- High moisture resistant core
- Antistatic
- Antibacterial
- Environment labelled
- 50 years triple guarantee in residential use



Product description

Type	Value
Dimension (LxWxTh)	1196 x 196 x 10 mm
Package	Pack; 7 planks, 1,64 m ² , Pallet; 40 packs, 65,6 m ²
Weight	9,15 kg/m ² , 15 kg/pack, 616 kg/pallet
Classification	Class 23 – heavy domestic use Class 33 – heavy commercial use UPEC class - Pending
Build up	
- Surface layer	High Pressure Laminate (HPL) with TitanX surface protection with a build-in shock absorber
- Core material	High Density Fibre board (HDF) Moisture resistant (green)
- Backing	Compact SoundBloc Air (CS)
Installation system	Floating installation with Pergo patent click system (ProLoc)
Environment label	The Swan (Nordic Eco labelling) PEFC (Pan European Forest Certification)

Safety tests

Type	Test method	Requirement	Typical value
Reaction to fire	EN 13501		Class B _{fl} -s1
Formaldehyde emission	EN 717	E1 (<0,13 mg / m ² h)	< E1
VOC emission	ISO 16000		< 50 µg / m ² h
Electrostatic charge	EN 1815	Antistatic < 2 kV	< 2 kV

Classification tests

Type	Test method	Requirement	Typical value
Abrasion resistance	EN 13329 Annex E	AC 5; ≥ 6000 rev	6500 rev
Impact resistance	EN 13329 Annex F	IC 3 Small ball ≥ 15 N Big ball ≥ 1600 mm	IC 3 20 N 2000 mm
Indentation resistance	EN 13329	0,0 mm	0,0 mm
Effect of a castor chair	EN 425	25000 revs soft wheels	No damage
Resistance to stain	EN 438	5 (group 1 &2) 4 (group 3)	5 (group 1 &2) 4 (group 3)
Resistance to burning cigarettes	EN 438	Class 4	Class 5
Effect of a furniture leg	EN 13329	With foot type 0 : No damage	No damage
Thickness swelling	EN 13329 Annex G	≤ 18 %	14 %
Dimensional stability	EN 13329	$< 0,9$ mm	$< 0,9$ mm
Light fastness/Fading	EN 13329	Blue wool scale: ≥ 6 Grey scale: ≥ 4	Blue wool scale: 7 Grey scale: ≥ 5
Static indentation	EN 433	$\leq 0,01$ mm indentation	0,0 mm
Surface soundness	EN 13329	$\geq 1,0$ N/mm ²	$\geq 1,4$ N/mm ²
Impact sound reduction	ISO 717-2		ΔL_w 17-19 dB
Thermal resistance	EN 12667		$< 0,08$ m ² K/W
Slip resistance	EN 14041	Class DS : $\mu \geq 0,3$	DS
Slip resistance	Slip Alert	μ 0,0 \leq 0,2 (low) μ 0,2 \leq 0,4 (Moderate) μ 0,4 \leq 0,75 (High) μ 0,75 \leq 1,0 (Very high)	μ_{dry} High slip resistance μ_{wet} Moderate slip resistance
Electrostatic resistance	EN 1081		$3 \cdot 10^{12} \Omega$
Antibacterial activity	JIS Z 2801	MRSA E Coli	$>99,9$ % $>99,9$ %



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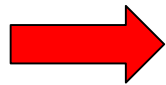
Performance

Type	Value	Standard
Class of use	23 / 33	EN 13329
Fire classification	Not available	
Wear resistance	AC 5; ≥ 6500 rev	EN 13329
Impact resistance	IC 3	EN 13329
Indentation resistance	0,0 mm	EN 13329
Resistance to Rolling castor	No damage	EN 13329
Resistance to Furniture leg	No damage	EN 13329
Stain resistance	Group 1&2: 5, Group 3: 4	EN 13329
Resistance to burning cigarettes	Class 5	EN 13329
Colour fastness/Fading	Class 7	EN 13329
Dimensional stability	< 0,9 mm	EN 13329
Surface soundness	$\geq 1,0 \text{ N/mm}^2$	EN 13329
VOC emission	<0,05mg/h m ²	FLEC
Formaldehyde emission	E 1	EN 717
Slip resistance	$\mu_{\text{dry}} >0,65$ (Low risk of slipping) $\mu_{\text{wet}} >0,35$ (Moderate risk of slipping)	SlipAlert
Slip resistance	Class DS	EN 14041
Drum sound reduction	S ₁₀	EPLF
Impact sound reduction	17-19 dB	ISO 717-2
Thermal insulation	0,07 m ² K/W	DIN 52612
Electro static resistance	$3 \cdot 10^{12} \Omega$	EN 1081
Electrostatic charge	4 kV	EN 1815
Density core material	870 kg/m ³	
Thickness swelling	< 12%	EN 13329



EXPRESSION COLLECTION

Technical Features



The modern and elegant floor with bevel edges for a distinct and authentic plank and parquet feel

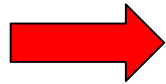
- 10 decors in two different formats (790x92, 1196x144)
- Each décor has been matched to one of five different surfaces textures including matt, polished and Genuine (embossed inregister) for a maximum authentic look
- Bevel edges on all four sides for a distinct plank and parquet feeling



Best guarantee on the market (wear, staining and fading)

Full value, non declining, lifetime* triple guarantee against wear, stain and fade

* The guarantee time could vary from one country to the other due to different regulations



Superior durability with TitanX Surface

Highest wear resistance AC5
 Best scratch resistance
 High impact resistance (HPL-multilayer laminate)



High moisture protection (Triple moisture protection system)

Tight joint construction (Patented)
 Moisture resistant core
 Impregnated joints



Built in sound reduction

CS (Compact Soundbloc)
 50% reduction of the drumsound
 Improved sound characteristics
 Impact sound reduction 17-19 dB



Easy and flexible installation (All in one)

Possible to either tap or fold
 No extra underlay needed (Built-in)*

* A 0,2 mm PE-foil is needed as a moisture barrier when installing on concrete subfloor or with floor heating



Matching accessories with highest durability

Perfect décor match
 Matching texture (moldings)
 Highest wear resistance, AC5 (moldings)
 Best scratch resistance "SRS G2" (moldings)