



stay  
CLEAN

WOOD PARQUET

no added  
formaldehyde

PERGO  
FLOORS  
FOR REAL  
LIFE  
2019

15<sup>th</sup>  
ANNIVERSARY

## ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial  
Phimolraj Bangbuathong, Nonthaburi 11110.  
Tel. +66(0)2924 4249 (Auto)  
Fax. +66(90)2924 4250  
E-mail. [INFO@ExcelFloor.com](mailto:INFO@ExcelFloor.com)





# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## Company Profile

**Company Name** **ExcelFloor Co.,Ltd.**

**Head Office / Showroom** 22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong, Nonthaburi 11110, Thailand.

**Tel.** +66 (0) 2924 4249 (Auto)

**Fax.** +66 (0) 2924 4250

**E-mail.** [INFO@ExcelFloor.com](mailto:INFO@ExcelFloor.com)

**Website.** [www.excelfloor.com](http://www.excelfloor.com)

**Established** 23 November 2004  
By Ms. Tipyapa Sarapis

**Factory** Unilin Group  
Top World Class Manufacturer

**Product** Engineered Wood Parquet Floor

**Brand** **PERGO**  
FLOORS FOR REAL LIFE

**Type of Business** Exclusive Dealer Wood Parquet Floor  
Provided Installation Service



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## Product Profile

**Product** : **PERGO WOOD PARQUET**  
**Type** : Engineered Wood Floor No Added Formaldehyde  
**Wood** : Oak, American Walnut, Iroko, Merbau

### Product Category

Collection	Length x Width x Thickness Size (mm.)	Sku's
Svalboard	2200 x 220 x 14 mm.	3
Gotland	1820 x 190 x 14 mm.	7
Varmdo	2200 x 190 x 14 mm.	7
Jomfruland	2200 x 190 x 14 mm.	2
Bornholm	1820 x 145 x 14 mm.	5
Salholm	1820 x 145 x 14 mm.	5
Loland	1820 x 145 x 13 mm.	4
Loland Performance	1820 x 145 x 12 mm.	6

**Profile** : Uniclic Tongue and Groove  
**Face** : Flat /Brushed /Deep Brushed  
**Finishing** : UV Lacquer /UV Oiled  
**Top coated** : STAY Clean Coated Nano Techonology  
 Surface Edge Protection Dirt Removal  
**Color** : As Designed  
**Structure** : 3 Layers Engineered Wood Floor  
 All Layers are Solid Wood.  
**Glue** : Composited E-Zero No Added Formaldehyde





# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@exceilfloor.com Website. www.exceilfloor.com

## Product Structure Technical Data

**3 Layers Engineered Wood Structure**

7 Coated UV Lacquer  
Extra Top Coating Surface Edge Protection  
เคลือบแลกเกอร์ ป้องกันถึงขอบไม้ คุณสมบัติ Nano Lacquer "STAY CLEAN" สามารถทำความสะอาด ฝุ่นผง ออกได้ง่าย

**PERGO**  
FLOORS FOR REAL LIFE

**UNICLIC**  
PATENTED TECHNOLOGY

**no added formaldehyde**

**LIFETIME WARRANTY**

**3.0 mm. Solid Wood Veneer**  
Acacia ไม้วีเนียร์ ไม้จริง

**9.0 mm. Solid Wood Pine**  
ไม้กลางไม้จริง ไม้ไพน์ วางขวางเส้น เพื่อสร้างความแข็งแรงของไม้ อัตราการหด-ขยายตัว น้อย เหมาะกับสภาพทุกบรรยากาศ

**2.0 mm. Wood Spruce Veneer Balancing Board**  
เพื่อควบคุม การบิดตัว ของไม้ และ เพิ่ม Strength Board



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## Product Collection





# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## Saltholm

260 x 140 x 14mm | 4-layer board



## Lolland

320 x 140 x 13mm | 4-layer board



## Värmdö

300 x 190 x 14mm



## Jomfruland

300 x 190 x 14mm





# **ExcelFloor Co.,Ltd.**

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj

Amphur Bangbuathong Nonthaburi 11110, Thailand.

Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250

E-mail. INFO@excelfloor.com Website. www.excelfloor.com

**PERGO<sup>®</sup>**  
**FLOORS**  
**FOR REAL**  
**LIFE**  
**2019**

**Standard**  
**Quality**



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## CERTIFICATE OF CONFORMITY

WOOD.BE-COC-000380

WOOD.BE certifies that the company

**UNILIN - DIVISION FLOORING, Ooigemstraat 3, 8710 Wielsbeke, Belgium**

in the following location

**See list in Annex 1**

and for the following activities

**Laminate floor coverings; Parquet on Hevea, spruce or HDF core; Skirtings and profiles with decorative foil ; Skirtings and profiles with veneer decorative foil surface**

fulfills the requirements of

**PEFC ST 2002:2013: « Chain of Custody of Forest Based Products - Requirements »**

And this according the management method «Physical Separation and Percentage»

This certificate was first issued on 23/12/2005 and will, unless suspended or withdrawn by WOOD.BE, remain valid until 22/12/2020.

Brussels, 4/09/2017

C. De Roock  
General Manager

This certificate is linked to the convention PP05-0045 and remains the property of WOOD.BE

This certificate and all copies of it shall be returned immediately to WOOD.BE on request.

The validity of this certificate and the scope shall be verified on [www.pefc.org](http://www.pefc.org)

This certificate itself does not constitute evidence that a particular product supplied

by the certificate holder is PEFC<sup>TM</sup> certified (or PEFC controlled sources).

Products offered, shipped or sold by the certificate holder can only be considered covered by the

scope of this certificate when the required PEFC<sup>TM</sup> claim is clearly stated on invoices and shipping documents.

WOOD.BE is the 'Centre technique et scientifique de l'industrie transformatrice

du Bois et des Matières Connexes' (formerly known as CTIB-TCHN).

Allée Hof ter Vlietstraat 3, 1070 Brussels

info@wood.be - www.wood.be - tel: +32 (0)2.558.15.50



WOOD.BE



17-0380\_E\_UNILIN - DIVISION FLOORING\_170904E  
FO-13-P05-56-E\_16/04/2016





# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@excelfloor.com Website. www.excelfloor.com

Page 1 / 1 of Annex 1 of

## CERTIFICATE OF CONFORMITY

WOOD.BE-COC-000380

Only sites mentioned in Annex 1 are covered by certificate WOOD.BE-COC-000380:

ID	Site	Address	Method	First emission
1	UNILIN - DIVISION FLOORING	Cooperstraat 3, 8710 Welsbelle, Belgium	«Percentage and Physical Separation»	23/12/2005
2	UNILIN MALAYSIA SDN BHD	PO Box 95 , 09007 SUNGAI PETANI - KEDAH, Malaysia	«Percentage»	25/09/2012
3	UNILIN S.R.O.	Tovarni 1, 682 01 VYSKOV, Czech Republic	«Percentage»	18/12/2015
4	UNILIN DISTRIBUTION LTD	Unit 4 The Farnows, Barton Dock Road, Trafford Park, M20 0S2 Manchester, United Kingdom	«Percentage»	25/09/2012
5	UNILIN AUSTRALIA	Quantum Close 67, VIC 3175 Dandenong South, Australia	«Percentage»	25/09/2012
6	PERGO (EUROPE) AB	Persakeravägen 18, 231 25 Trelleborg, Sweden	«Percentage»	18/12/2015
7	UNILIN UKRAINE	Deptynivska 25a, 04119 Kyiv, Ukraine	«Percentage»	18/12/2015
8	UNILIN POLAND	Batalionow Chlopach 14, 83-000 Pruszcz Gdanski, Poland	«Percentage»	18/12/2015
9	UNILIN - DIVISION FLOORING WELSALM	Rue de la Forêt 2, 6930 Welsalm, Belgium	«Percentage»	23/09/2008
10				

The product and activities mentioned in the scope are valid for the network of these different sites but not necessary for each separate site.

This certificate was first issued on 23/12/2005 and will, unless suspended or withdrawn by WOOD.BE, remain valid until 22/12/2020.

Brussels, 4/09/2017

C. De Roodt  
 General Manager



WOOD.BE



17-0380\_E\_UNILIN - DIVISION FLOORING\_170904E2  
 FO-13-P05-56-E\_16/04/2016



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## RAKENNUSTIETO

The Building Information Foundation RTS sr



### EMISSION CLASSIFICATION OF BUILDING MATERIALS

#### Unilin bvba, division Flooring

The classification working group set up by the Building Information Foundation RTS sr has approved the following product:

Pergo parquet, oiled (Pergo Langeland, Pergo Lofoten, Pergo Senja, Pergo Sandhamn, Pergo Svalbard, Pergo Gotland, Pergo Bornholm, Pergo Sjaelland, Pergo Värmdö, Pergo Åland, Pergo Jomfruland)

Pergo parquet, lacquered (Pergo Langeland, Pergo Lofoten, Pergo Senja, Pergo Sandhamn, Pergo Svalbard, Pergo Gotland, Pergo Bornholm, Pergo Sjaelland, Pergo Värmdö, Pergo Åland, Pergo Jomfruland)

Pergo parquet, ash lacquered (Pergo Langeland, Pergo Lofoten, Pergo Senja, Pergo Sandhamn, Pergo Svalbard, Pergo Gotland, Pergo Bornholm, Pergo Sjaelland, Pergo Värmdö, Pergo Åland, Pergo Jomfruland)

Pergo parquet, oiled and fumed (Pergo Langeland, Pergo Lofoten, Pergo Senja, Pergo Sandhamn, Pergo Svalbard, Pergo Gotland, Pergo Bornholm, Pergo Sjaelland, Pergo Värmdö, Pergo Åland, Pergo Jomfruland)

as belonging to emission class M1 for building materials.

The classification is valid until May 27, 2021.

Unilin bvba, division Flooring has the right to equip its classified products with the classification mark and to use this classification mark when marketing these products.

The decision is in line with the requirements laid down in the Classification of Indoor Climate 2018 and the Classification of Building Materials; General Instructions.

THE BUILDING INFORMATION FOUNDATION RTS sr

Markku Hedman  
Director General

Arja Valtanen  
Secretary of the Classification  
Working Group

The Building Information Foundation RTS sr, P.O.B 1004, FI-00101 Helsinki, Finland  
Tel. +358 207 476 400, m1.rts.fi



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com



## Material Safety Data Sheet

**Date Prepared** December, 2014

### Identification

Product Name: **Pergo Wood Parquet**

Description: Floor covering elements with surface layers consisting of a 2.5 to 3mm thick solid wood, on a core board of Hevea or HDF (high density fibre board) and a 1 to 2 mm thick backing layer of spruce or pine wood. All layers are glued together with Melamine-ureum-formaldehyde glue. The top layer is lacquered or oiled.

### Hazardous Ingredients

#1 Identification:

Formaldehyde Exposure Limits:  
ACGIH Limit = 1 ppm 8-hr TWA 2 ppm STEL  
OSHA Limit = 1 ppm 8-hr TWA 2 ppm STEL

Formaldehyde Emissions:  
class E1, according to EN 717

#2 Identification: Wood Dust

Exposure Limits: OSHA PEL-TWA 5mg/m<sup>3</sup>  
OSHA PEL-STEL 10mg/m<sup>3</sup>

Potential Airborne Releases: Manual or mechanical cutting or abrasion processes performed on the product can result in the generation of wood dust.

Page 1 of 4

Ooigemstraat 3, B-8710 Wielsbeke - Tel 32 (0)56 67 52 11 - Fax 32 (0)56 67 52 12  
Internet: technical.services@unilin.com - H.R. Kortrijk 61.330 - BTW BE 405.414.072

**PERGO**



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## **Physical Characteristics**

Boiling Point:	N/A
Density	>= 600kg/m3
Vapor Pressure:	N/A
Melting Point:	N/A
Vapor Density:	N/A
Reactivity in Water:	N/A
Evaporation Rate:	N/A
Appearance:	Varies by Species and decor number

## **Fire and Explosion Data**

Flash Point:	N/A
Fire classification:	class Dfl-s1 according to EN 9239-1
Explosive Limits In Air:	The product listed in this MSDS is not an explosion hazard. Sawing, sanding, or machining could result in the by-product wood dust. Wood dust may present a strong to severe explosion hazard if a dust cloud contacts an ignition source.
Fire Extinguishing Media:	Water, Carbon Dioxide, Sand
Special Fire Fighting Procedures:	Fire fighting procedures for wood are well known.



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj

Amphur Bangbuathong Nonthaburi 11110, Thailand.

Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250

E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## Health Hazard Data

### 1.1 Formaldehyde Vapor / Signs and Symptoms of Exposure:

Acute=May cause temporary irritation of skin, eyes, or respiratory systems. May cause Sensitization in susceptible individuals.

Chronic=Numerous epidemiological studies have failed to demonstrate a relationship between Formaldehyde exposure and nasal cancer or pulmonary diseases such as emphysema or lung Cancer. UAREP concluded that there was no "Convincing Evidence" that formaldehyde exposure causes cancer in humans. Rats exposed to 14ppm of formaldehyde for 24 months in a laboratory developed nasal cancer. Exposure of 6ppm did not result in statistically significant levels. The NCI epidemiology study of 26,000 workers found little evidence linking formaldehyde exposure to cancer. Formaldehyde is classified by OSHA, NTP and IARC as a probable or potential carcinogen.

### 1.2 Medical conditions Aggravated by Formaldehyde exposure:

Respiratory conditions or allergies

### 1.3 Emergency First

#### Aid Procedures:

*Inhalation:* Remove to fresh air

*Eyes:* Remove to fresh air

*Skin:* Remove to fresh air

*Ingestion:* N/A

If irritation or other symptoms persist, consult a physician.

### 2.1 Wood Dust

*Eye Contact:* Wood Dust can cause mechanical irritation

*Skin Contact:* Various species of wood dust may evoke allergy in sensitive individuals

*Ingestion:* Not likely to occur

*Burning:* According to ISO/DIS 5660 tests, the toxicity index of fire effluents was small, but there are many compounds in smoke oases which can cause irritation to eyes, nose & throat.

*Inhalation of wood dust:* Wood dust may cause nasal dryness, irritation and obstruction.

Coughing, wheezing and sneezing: sinusitis and prolonged colds have also been reported.

Depending on species, wood dust may cause dermatitis on prolonged, repetitive contact; may cause respiratory sensitization and/or irritation. IARC classifies wood dust as a carcinogen to human (Group 1). This classification is based primarily on IARC's evaluation of increased risk in the occurrence of aden carcinomas of the nasal cavities and para nasal sinuses associated with the exposure to wood dust. IARC did not find sufficient evidence to associate cancer of the oropharynx, hypo pharynx, lung, lymphatic and hematopoietic systems, stomach, colon or rectum with exposure to wood dust.

*Wood Dust classification from ACGIH:* Hard Woods and Softwoods (non-allergenic); "A4 irritation, mucostasis" except Birch and Oak.

### 2.2 Emergency and First Aid Procedures:

*Eye contact:* Flush eyes with large amounts of water. Enable fresh air environment. If irritation persists, get medical attention.

*Skin contact:* Wash affected areas with soap and water. Get medical advice if rash or persistent irritation or dermatitis occurs.

*Inhalation:* Remove to fresh air. Get medical advice if persistent irritation, severe coughing or breathing difficulty occurs.

*Ingestion:* Not applicable

Page 3 of 4

Ooigemstraat 3, B-8710 Wielsbeke - Tel 32 (0)56 67 52 11 - Fax 32 (0)56 67 52 12  
Internet: technical.services@unilin.com - H.R. Kortrijk 61.330 - BTW BE 405.414.072

**PERGO**



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## **Reactivity Data**

Conditions contributing

To Instability: Stable under normal conditions

Incompatibility: Avoid contact with oxidizing agents & strong acids. Avoid open flame

Hazardous decomposition

Products: Thermal and/or thermal-oxidative decomposition can produce irritating and toxic fumes and Gases, including carbon monoxide, aldehydes and organic acids.

Hazardous polymerization: N/A

## **Precautions, Safe Handling**

Personal Protective

Equipment:

Wear goggles or safety glasses when manufacturing or machining the product.  
Wear NIOSH/MSHA approved respirator when allowable exposure limits may be exceeded.  
Other protective equipment such as gloves and outer garments may be needed depending on dust conditions.

Waste Disposal Method: Incinerate or landfill in accordance with local, state and federal regulations.

## **Important-Disclaimer about third party information**

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. Unilin Flooring Bvba makes no warranty of any kind, expressed or implied, concerning the accuracy or completeness of the information and data herein. Unilin Flooring Bvba will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading. It is offered for your consideration, investigation and verification. Due to possible technical changes it is incumbent upon the user to obtain the most up to date information.



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## Nordic Ecolabelling Licence

Issued by:  
 Miljömärkning Sverige AB  
 Box 38114  
 SE-100 64 Stockholm



### Details of licensee

<b>Company name and address:</b> Unilin bvba, division Flooring Doigemstraat 3 BE-8710 Wilsbeke	<b>Organisation number:</b> BE-0405.414.072 <b>Phone:</b> (incl. country code) +32475428031 <b>EAN:</b>
<b>Contact:</b> Dr. Theo Smet	<input checked="" type="checkbox"/> Manufacturer <input type="checkbox"/> Reseller/Importer
<b>Manufacturer:</b> Unilin bvba, division Flooring <b>Place of manufacture:</b> Doigemstraat 3, BE-8710 Wilsbeke, Belgium	

### Licence details

<b>Licence number:</b> 3029 0001	<b>Licence version:</b> 6.1	<b>Valid thru:</b> December 31, 2019
<b>Criteria document:</b> 029 Floor coverings 6		<b>Validity:</b> November 18, 2014 - December 31, 2019
<b>Comments:</b>		

### Ecolabelled products:

Designation and specification of the product/service by country:

<b>Norway</b>	see appendix	<b>Iceland</b>	see appendix
<b>Finland</b>	see appendix	<b>Sweden</b>	see appendix
<b>Denmark</b>	see appendix	<b>Outside the Nordic</b>	

This licence is pan-Nordic and is valid in all Nordic countries.

The ecolabelling organisation hereby grants the above licensee the right to use the Nordic Ecolabel in accordance with the terms of the licence on or in conjunction with products that conform to the provisions of the relevant ecolabelling criteria or in conjunction with the marketing of products. The use of the ecolabel in other Nordic countries is included by this licence without separate registration. The turnover of the specified products shall once a year, on request, be reported to the ecolabelling organisation by 1 April at the latest. Turnover shall be broken down by Nordic country.

The ecolabelling organisation undertakes to inform licensees if any amendment is made to the criteria document.

The licence will be revoked with immediate effect if the "Regulations for Nordic Ecolabelling of products" or the ecolabelling criteria for the product group are disregarded. If the licensee causes the ecolabelling organisation direct or indirect costs as a result of this or if damage is caused by a product manufactured/sold by the licensee, the licensee shall indemnify the ecolabelling organisation in full. The ecolabelling licence is valid up to the specified date unless written notice of cancellation is issued by the licensee or the ecolabelling organisation at least three months in advance. The licence is non-transferable unless an application for transfer is submitted.

Stockholm, June 28, 2017  
 Miljömärkning Sverige AB

Ragnar Unge  
 Managing Director



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@excelfloor.com Website. www.excelfloor.com



VERSION: 1.0

In acc. with the requirements of BREEAM-NOR version 1.0 (14.03.2012)

## WOOD FLOORING AND PARQUET

Self-declaration that the named products comply with the requirements for wood flooring and parquet as per BREEAM-NOR's chapter HEA 9

This form must be filled out by the **MANUFACTURER** of wood flooring and parquet.

It is important that the information given here is correct, and we strongly encourage thoroughness in researching the extent to which emission testing and/or test reports show that the product complies with the standards and emission limit values required by BREEAM-NOR. If in doubt, the manufacturer should consult own internal and external experts. **Providing incorrect and misleading information can have legal consequences.**

Once filled-out, the form must be signed by a legally responsible person for the manufacturer, such as a technical director or a managing director.

<b>MANUFACTURER:</b>		UNILIN bvba, Division Flooring			
<b>PRODUCT TRADE NAME:</b>		Pergo Wood Flooring (Engineered 3-layer Parquet with oak/ash top layer >2,5mm ,spruce or HDF core, spruce backing)			
<b>DOCUMENTATION</b>			YES	NO	Comments (e.g. «test not conducted», «does not meet requirement»)
<b>REQUIREMENTS</b>		<b>Relevant standards</b>			
1.a	The product can be classified as E1 in accordance with the EN 717-1:2004 test method.	EN 14342:2005 EN 717-1:2004	YES		Testing according to EN 14342 is performed.
1.b	The undersigned can confirm that no materials consisting formaldehyde have been added to the product during production or post-production. These can be classified as E1 without testing.	See NS-EN 14342:2005 for detailed information.	YES		Although a formaldehyde free glue is used, UNILIN tests as a minimum all its products according to the EU standard.
2.	The product has undergone an emission test which shows that its TVOC emission is below <b>0,2 mg/m<sup>2</sup>h</b> <sup>1) 2)</sup>	NS-EN 15251:2007 (Appendix C)	YES		Products fulfill M1 requirements

This form is developed by NCC in cooperation with Skanska. It is freely distributed via ProductXchange. Users of the form are solely responsible for ensuring that the version and contents of the form are correct. Neither NCC nor Skanska, nor ProductXchange can be held responsible for any possible errors. Filled-out forms are not an official approval from NCC, Skanska or ProductXchange.





# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@excelfloor.com Website. www.excelfloor.com



VERSION: 1.0

In acc. with the requirements of BREEAM-NOR version 1.0 (14.03.2012)

3.	The product has undergone an emission test which shows that its formaldehyde emission is below <b>0,05 mg/m<sup>2</sup>h</b> <sup>1) 2)</sup>	NS-EN 15251:2007 (Appendix C)	YES		Products fulfill M1 requirements
4.a	The product has undergone an emission test which shows that its ammonia emission is below <b>0,03 mg/m<sup>2</sup>h</b> <sup>1) 2)</sup>	NS-EN 15251:2007 (Appendix C)	YES		Products fulfill M1 requirements
4.b	The product has no emission test measuring the ammonia emissions, but the undersigned can confirm: 1) That ammonia is not traceably active in the product, <u>AND</u> 2) The product does not contain chemicals that can decompose to ammonia.		NA		We do measure ammonia emission – results are below detection limit (<DL)
5.	The product has undergone an emission test which shows that its emissions of cancer-causing compounds (IARC) are below <b>0,005 mg/m<sup>2</sup>h</b> <sup>1) 2)</sup>	NS-EN 15251:2007 (Appendix C)	YES		Products fulfill M1 requirements
6.	The product has undergone an emission test which shows that odour dissatisfaction is below 15%. If deemed not applicable for the product, please provide more details in the comment field. <sup>1)</sup>	NS-EN 15251:2007 (Appendix C)	YES		
7.	The tests in points 2-6 have been performed in acc. with ISO 16000-series with measurements made after <b>28 days</b> .	ISO 16000	YES		
8.	The undersigned can confirm the absence of regulated impregnation agents and the compliance to the minimum level requirements.	NS-EN 14342:2005	YES		

<sup>1)</sup> On www.ngbc.no under "Frequently asked questions" there is help in assessing different known emission certificates against the requirements in NS-EN 15251.

<sup>2)</sup> Note that the emissions here are measured in mg/m<sup>2</sup>h. Most emission certificates use mg/m<sup>3</sup>. There is a way to convert these units in order to compare the results. Your preferred laboratory can help you with this.

Legally responsible: Debjay Jopey Position: Technical Section Mgr. Date: 16/11/16

Signature: [Signature]





# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@excelfloor.com Website. www.excelfloor.com



## LEED points for Pergo wood flooring produced in Tjech Republic and Malaysia

Category	Intent	Requirements	Points	Pergo fulfillment
<b>Materials &amp; Resources</b> MR Credit 7 Certified wood	To encourage environmentally responsible forest management.	Use a minimum of 50% (based on cost) of wood-based materials and products that are certified in accordance with the Forest Stewardship Council's principles and criteria, for wood building components.	1	The wood floorings contain 70% PEFC certified wood. PEFC is similar to FSC.
<b>Indoor Environmental Quality</b> IEQ Credit 4.3 Low-Emitting Materials – flooring systems	To reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.	Projects outside the U.S. may use products tested and deemed compliant in accordance with either the CDPH standard method (2010) or the German AgBB Testing and Evaluation Scheme (2010).	1	The wood floorings are certified by DIBt and carry the Ü-sign.
<b>Materials &amp; Resources</b> MR Credit 5 Regional Materials	To increase demand for building materials and products that are extracted and manufactured within the region.	Use building materials or products that have been manufactured, within 800 kms of the project site for a minimum of 10% or 20%, based on cost, of the total materials value.	2	The wooden floorings are produced in Tjech Republic and in Malaysia. They are distributed from central, regional warehouses. The total distance to the project site will most probably not exceed 800 km.



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com



Wielsbeke, 21.03.2018

**Re: étiquetage des produits de construction ou de revêtement de sol sur leurs émissions de polluants volatils -Arrêté du 19 avril 2011**

Je soussigné, Jasper De Jaeger, Directeur Services Techniques Unilin bvba, division flooring, confirme que tous les sols de la gamma Pergo à savoir les sols stratifiés, parquets contrecollés et sols Vinyl sont étiquetés A+.



N'hésitez pas à nous contacter pour de plus amples informations.

Jasper De Jaeger



Jasper De Jaeger – Directeur Services Techniques – T +32 56 67 53 97  
UNILIN, division flooring – Ooigemstraat 3 – 8710 Wielsbeke – Belgium – [www.unilin.com](http://www.unilin.com)



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## CERTIFICATE

# KLUMPP

We add value to your surface

Klumpp Coatings are environmental friendly and non hazardous



## We add value to your surface

- ✓ sweat and saliva resistance according to DIN 53160-1/2
- ✓ no cancer producing compounds
- ✓ REACH\* approved raw materials
- ✓ **eco** approved coating systems
  - ✓ no VOC emissions (Volatile Organic Compounds)
  - ✓ no Formaldehyde
  - ✓ no heavy metals
  - ✓ no Insecticides, Pesticides and Herbicides
  - ✓ no Plasticizers (Phthalates) EN 71-3

\*REACH (Registration, Evaluation, Authorization and restriction of Chemical substances)

Chief Executive Officer: Dr. Wolfgang Klumpp  
BW-Bank (BIC: BSW333) Account No.: 2 464 008  
Trade register: County court Stuttgart HRB No.: 3457  
VAT No.: DE 811240556



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## INTERNATIONAL TESTING STANDARDS

### General:

### Europe

### USA

Parquet Standard	EN 13489:2002	ANSI/HPVA EF 2002
Moisture Content	EN 13183-1	ASTM D4442
Bond Line	N.A.	ANSI/HPVA EF 2002
Formaldehyde Emission	EN 717-1	ASTM E 1333
Formaldehyde Emission (Japan)	JAS MAFF 240 (F****)	
Geometrical Performance	EN 13647	ANSI/HPVA EF 2002

### UV Lacquer Properties & Test:

### Europe

### USA

Abrasion Resistant (17)	EN 431 (S33), EN 13696 (SIS), DIN 68861 Pt 2	ASTM D4060 (CS)
Adhesion Test	ISO 2409	ASTM D3359
Chemical Resistance	EN 13442, DIN 68861 Pt 1	ASTM D1308
Scratch Resistance	DIN 68861 Pt 4	ISO 4586-2
Friction Coefficient	DIN V 18032-2	ASTM D2394
Hardness Test (Pendulum)	ISO 1522 (Pendulum), EN 1534 (Brinell)	ISO 1522
Inflammability 662	DIN 4102 Pt 1	ASTM E 648, ASTM E
Heat Test	EN 12722	ISO 4586-2
Cigarette Burn Resistance	DIN 68861 Pt 6	ISO 4586-2
Gloss	ISO 2813	N.A

- ISO 4586-2 is for high-pressure decorative laminate.
- DIN 68861 is for furniture surfaces, and Part 1 not available in English version.
- DIN V 18032-2 is for spot hall.



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com

**PERGO®  
FLOORS  
FOR REAL  
LIFE**  
2019

Warranty



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.

Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250

E-mail. INFO@excelfloor.com Website. www.excelfloor.com



## *Lifetime residential warranty (up to 33 years) on Pergo Wood Parquet*

This warranty is valid on Pergo Wood Parquet and Pergo accessories.

The Pergo wood residential warranty applies only to parquet floors installed in a room used solely for residential purposes.

Unilin BVBA, division Flooring, guarantees that, as from the date of purchase, parquet floors bearing the trade mark Pergo wood and Pergo accessories, hereinafter referred to as "products", are free of manufacturing errors or material defects. This residential warranty is for the lifetime (up to 33 years) of the products and the Uniclic connections between the various parquet panels. The invoice date is valid as date of purchase. The original, dated purchase invoice, marked with the stamp of the distributor or retailer, must be presented. The residential warranty may only be invoked if all the following conditions are met.

Consult the manufacturer, distributor or retailer in case of doubt.

1. The residential warranty applies only to the first owner and to the first installation of the floor and is not transferable. The person mentioned as the buyer on the purchase invoice shall be considered as the first owner. This warranty applies to all purchases of high quality Pergo products after the date when these warranty conditions were issued (see below).
2. The residential warranty applies solely to defects inherent in the products supplied. This term covers the material and production defects recognized by the manufacturer, including delamination of the top layer. Unilin BVBA, division Flooring, has the option of repairing or replacing defective products with products in stock at the time the complaint was accepted. There will be no other form of compensation.
3. The lifetime warranty on the Pergo Uniclic connection applies only to open joints larger than 0.2 mm.
4. The Pergo wood floor must be installed in accordance with the Pergo Uniclic installation method and with the aid of the Pergo accessories. Pergo accessories are recognizable by the Pergo logo and are recommended in the sale documents for the year of purchase. It must be possible to provide proof that the installation and maintenance instructions were followed as recommended by the manufacturer and that the recommended Pergo accessories were used. The installation and maintenance instructions can be found in the flooring packaging (in 1 out of 3 boxes) or in any separate accessories packaging. If the instructions are missing, they must be requested from the manufacturer or the distributor/ retailer, or they can be viewed on [www.pergo.com](http://www.pergo.com). If the installation is not carried out by the end-user, the installer must provide the end-user with at least one copy of the installation and maintenance instructions, as well as the warranty conditions (also in 1 box out of 3).
5. The damage to the product must be clear and measure at least 1 cm<sup>2</sup>. Damage caused by erroneous or improper use, such as damage of a mechanical nature such as indentations caused by severe impact or falling objects, scratches – caused by dragging furniture, for example – are not covered by the residential warranty. The legs of furniture must always be fitted with the appropriate protectors. Furniture on wheels must be fitted with soft wheels, or an appropriate protective carpet laid or protective cups placed under such furniture.
6. Floor panels or accessories must be carefully checked in daylight for visible defects and during installation. Products with visible defects must under no circumstances be installed.
7. In the case of hidden defects (defects that are not visible before or during installation), the costs of removing, repairing or re-laying the product will be paid by the purchaser. If the product was originally installed by a professional, Unilin BVBA, division Flooring, may cover reasonable labour costs that correspond to the current labour costs in the relevant market. Unilin BVBA, division Flooring may never be held liable for any secondary or incidental damage.
8. Bringing in sand and/or dust from outside must be avoided by placing a suitable mat near the

September 30, 2012

UNILIN. FOR SMART LIVING.



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.

Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250

E-mail. INFO@excelfloor.com Website. www.excelfloor.com



- entrance door(s).
- ix. The floor must not be installed in damp and/or humid rooms, in extremely dry rooms or in rooms with extremely high temperatures (such as saunas).
  - x. Any fluid spill on the floor or near the skirting boards or profiles must always be removed as quickly as possible. Clean the floor only in accordance with the Pergo® maintenance instructions using the Pergo® maintenance kit. Damage caused by flooding or leakages, or cleaning with excessive amounts of water and/or the wrong cleaning materials will be excluded from the warranty.
  - xi. If one of the above-mentioned defects is discovered, the distributor must be informed thereof immediately within 15 days of discovery of the defect. Once this period has expired, no further complaints will be accepted. Under no circumstances may Unilin BVBA, division Flooring be held liable for consequential damage, including such things as loss of time, inconvenience, expenses and other costs resulting directly or indirectly from the complaint.
  - xii. Unilin BVBA, division Flooring OFFERS NO WARRANTIES, WHETHER EXPLICIT OR IMPLICIT, OTHER THAN THAT DESCRIBED IN THIS DOCUMENT, INCLUDING WARRANTIES OF SALEABILITY OR SUITABILITY OF THE PRODUCT FOR A SPECIFIC PURPOSE, AND NO SOLUTIONS SHALL BE AVAILABLE OTHER THAN THOSE SPECIFIED IN THIS DOCUMENT. The legal warranty in the country of purchase remains fully applicable.

#### *Limited commercial warranty on Pergo Wood Parquet*

The Pergo wood commercial warranty can be obtained upon request.

#### *General information*

No other warranties of any kind are granted, either explicitly or implicitly, including sale ability or suitability for a specific purpose. Unilin BVBA, division Flooring is not liable for labour costs, installation costs or similar costs. Consequential damage, unusual damage and incidental damage are not covered by this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. Flooring panels must be checked carefully for material defects before and during installation under optimal light conditions. Panels with visible defects must not be installed under any circumstances. The distributor must be informed in writing of such defects within 15 days. After this time has elapsed, no further complaints will be accepted. For any service provision under this warranty, it is best to contact your local Pergo retailer or the Unilin technical service.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. For service under this warranty please contact your local Pergo retailer or mail in proof of purchase and description of claim to:

Unilin BVBA, division Flooring - Doigemstraat 3 - B-8720 Wielsbeke-Belgium  
Tel. +32(56) 67 52 11 - Fax: +32 (56)67 52 39 - www.pergo.com

September 30, 2016

UNILIN. FOR SMART LIVING.





# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com

# PERGO® FLOORS FOR REAL LIFE 2019

## Installation



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## INSTALLATION INFORMATION



### Preparation

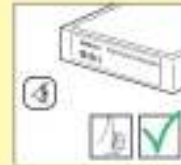
- 1 Pergo wood flooring materials are delivered with instructions in the form of illustrations. The tasks below is covering a floating illustration in regards of a floating installation, and are divided in 3 areas: Preparation, Installation-Finishing and Cleaning. We recommend that you read through this information carefully while studying each illustration. In case of doubts or questions please contact your Pergo dealer/technical services. The use of the original Pergo accessories is strongly recommended to benefit from the full product warranty.



#### BEFORE STARTING UP

A parquet floor is to be considered as an interior product, and should be taken care of like such prior to, during and after installation. The installation should be done after eventual painting and other wet works are done and dried out. If other works are ongoing after installation, a breath-taking covering should be placed on top of the Pergo parquet. Don NOT tape covering material direct to the surface since the glue might harm the lacquered or oiled surface.

- 2 Pergo floors can be bought in different formats, discs and qualities. Make sure you have received the flooring that you have ordered before starting the installation. It is always a good idea to store one end-label together with your receipt. Do not install wood planks with damaged surfaces, edges or lock joints. Check every panel carefully before and during the installation, preferably in daylight. Bear in mind that wood is not a homogeneous material. There can be differences between the individual planks just as there are differences between individual trees. The occurrence of sap wood, knots and cracks is dependent on the selected grading and chosen range. These are natural features of wood and cannot be considered as a product fault. Therefore you should always check if you have the right impression of the floor before installation and that you have all the information. If a parquet panel has been installed it is considered as accepted and any defects or colour variation affecting this panel cannot form any ground off complaint. We recommend that the panels are mixed from several packs during installation.





# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## INSTALLATION INFORMATION

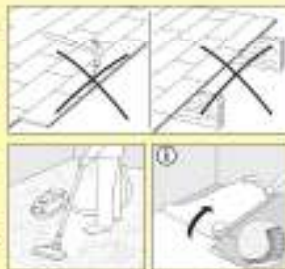


### Preparation

3 After receiving the floor packs these should be acclimatized. This has to be done unopened and stored in a flat position free from the wall and flooring prior to installation. Recommended is to store them at a normal room temperature (15-20°C / 59 - 68 °F) and a relative humidity level between 25-65% for a minimum of 48 hours prior to installation. A Pergo floor is composed of natural wood and will naturally expand and contract upon changes in the relative humidity. The dimensional variation of an installed floor will be slightly more in width compared to the length. For example: at 20°C and a RH between 40-60%, the movement is limited. Pergo wood flooring is produced and delivered with a moisture content to cope with an RH between 25-85%. In a dry climate, for example in the Nordics during winter time, the RH might drop below 25% and in summertime rise above 70%. This will create a movement in your floor surface. To secure enough clearance for this natural movement and to avoid open joints, squeaking, etc. always keep a distation joint of 10 mm average to the walls, thresholds, staircases, pipes, etc. During the installation of normal residential room size. Use the spacers of the installation kit to keep the correct clearance. Installing in winter time in very low RH, the clearance should be lowered to 8 mm (low RH = floor shrinks). If installing in summer time with a high RH level the clearance should be raised to 15 mm (high RH = floor expands). The clearance should be left open and must not be filled by any assistant, silicone or other adhesive. A floating installation is a floating installation so never fasten the flooring with nails, glue, screws or in any other way.



4 Pergo wood flooring must be installed on a solid, self-supporting subfloor, wood flooring or seamless undamaged vinyl. In case of other types of floor coverings these must be removed. No signs of mould and/or insect infestation should be present. Make sure the subfloor is level and nail/screw down any loose parts. When laying a floating floor, in case of textile or other vapour-permeable floor coverings it is necessary to remove both the floor covering and its base. Existing floors made from a vapour-tight covering do not need to be removed (PVC, linoleum, etc.) if they meet all other requirements. In a floating installation it is always necessary to use an underlay. Install the new floor at ninety degrees to the existing subfloor. The crawl space under the wooden base must be ventilated. Remove any obstacles and make sure there is sufficient ventilation (min. 4 cm<sup>2</sup> of ventilation opening/ m<sup>2</sup> of floor). The moisture content of the wood cannot exceed 10%. Be aware of the fact that any wood and/or organic material might/will dry out locally and damage the parquet if any heating source like hot fans, wood stoves etc. is creating high temperatures.





# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## INSTALLATION INFORMATION

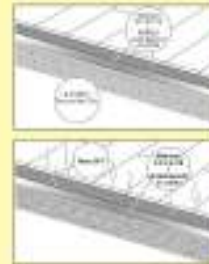
**PERGO**  
WOOD PARQUET

### Preparation

5. The entire subfloor must be carefully checked for any type of unevenness. Use a straight edge of 1 m approximately, make sure there are no unevenness's of more than 2 mm. Peaks higher than 1.2 mm within a 250 mm radius are also prohibited. If needed use a leveling compound to achieve correct flatness of the base floor.



6. To achieve optimal sound reduction, best walking comfort, avoid squeaking and to level minor unevenness we strongly recommend using a Pergo underlay. A floating installation done on screed, a cement based subfloor or when floor heating is involved, a vapour barrier must be installed. If the chosen Pergo underlay does not have a vapour barrier a 0.2 mm PE-film has to be used as a minimum damp screen. Make sure the PE-film overlaps with a minimum of 200 mm. In case of a floating installation with any other type of underlay that is not a Pergo underlay the same technical specifications must be met. In case of problems and the underlay is the cause no warranty will be valid.



7. Pergo wood flooring must not be installed in a typical wet room or in rooms with a floor drain. An installation directly on floor joists is prohibited.



8. Mineral subfloors such as concrete must be sufficiently dry prior to installation (< 2,5% CM / 75 % ffr). If the moisture content is higher or may become higher other types of damp proofing must be used.



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## INSTALLATION INFORMATION

**PERGO**  
WOOD PARQUET

### Preparation

- 9 Plan the installation direction of the planks carefully before start up. Normally we recommend installation parallel to the incoming light, if the room is long and narrow like in a hallway we would install parallel to the long walls. Be aware of the fact natural colour will be affected by sun light (discolouration by UV light is inevitable). This might lead to natural fading and colour changes which are not a product fault.





# ExcelFloor Co.,Ltd.

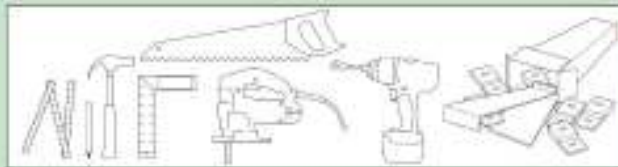
22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## INSTALLATION INFORMATION



### Installation

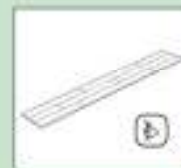
- 1 Pergo wood floors are easy to install and require no expensive tools. In addition to a few common DIY tools (folding rule, pencil, hammer, hand saw or jigsaw, carpenter's square and possibly power drill and hand gloves) you only need the Pergo installation kit containing a tapping block, pull bar and spacers. Be sure you have all tools available before starting the installation.



- 2 When cutting the Pergo wood plank be sure you are not creating splinters or chipping when cutting. If using a hand saw keep the decorative surface faced up. If using a jigsaw keep decorative surface down.



- 3 Every Pergo wood plank is methodically checked for any imperfections before being packed. Still, packs can be damaged during transportation or when the packs are opened. Do not install a plank with a damaged surface, edge or click joint. Carefully inspect each plank before installing. At Pergo a box can contain one plank that consists out of multiple, shorter beginning pieces to ease your installation. The amount of shorter beginning pieces per box can vary between two and three. Cumulative length of all shorter pieces will always be equal to the length of one standard plank.



Be aware of the fact wood is not a homogeneous material. There will be differences from plank to plank as there are differences from tree to tree. These aspects provide you with the warm and natural feeling a parquet floor has to offer. Knots and cracks will also appear depending on the grading and the chosen rings. This is natural and will not be considered as a product fault. Therefore always be sure you have got the right impression of the floor and information from the dealer before installation. An installed plank is considered as accepted and cannot be claimed. We recommend to mix the boards, taking planks out of different boxes at the same time when installing.



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## INSTALLATION INFORMATION



### Installation

4 Parquet panels can be installed floating or glued down

5 If you choose to install a floating floor you must lay the first section of underlay parallel to the length of the planks to be installed. Gradually add the next sections of underlay as you lay the parquet panels. It is vital that you use a leveling underlay to smooth away any unevenness in the floor base. A vapour-tight foil should be used to protect the Pergo parquet against raising damp or condensation when installing on screed, concrete/cement based subfloor and when under floor heating is involved.



6 With room lengths of more than 12 m and widths of more than 8 m an intermediate expansion joint should be fitted. Expansion and contraction are linear so the greater the surface the larger the expansion joint needs to be. An expansion joint must be used in typical doorways and room angles. Parquet floors are not suitable for use in damp areas like bathrooms and saunas.



7 Before starting carefully measure the length and the width of the room to plan a precise lay-out to achieve a balanced appearance of the floor. This will ensure also you won't end up with the last row being too narrow. If the last row would be less than 40 mm the installation will be easier if you cut down the planks of the first row in the width.



8 Often the installation is done parallel to the long walls of the room. The most common direction of installation of all types of wood floors is from left to right with the tongue side (A) facing the starting wall. The planks should be installed facing the tongue side (A) to the wall. Always remember the spacers to ensure your expansion gap! Thanks to the Perfectlock patent the installation is very easy. This patent makes it very simple to dismantle a plank if needed without destroying the connection mechanism. The end joint can be assembled in different ways by folding down, angling, sliding or tapping in horizontally. The quietest, safest and most secure way is by folding down. A rubber hammer can be a handy tool to double check the joints and gently tap them if needed.





# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.

Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250

E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## INSTALLATION INFORMATION

**PERGO**  
WOOD PARQUET

### Installation

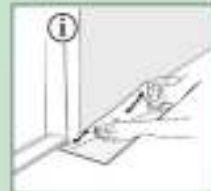
- 9 Narrow down the width of the first row or as a minimum cut off the tongue to achieve the first distance to the wall. If the wall is curved/ uneven the first row has to be cut and copied to the contour of the wall. Use spacers! Cut off the tongue on the first plank also on the short side. This plank will then have the plastic tongue in the end to the right side.



- 10 Install the first 2 rows in accordance to the illustration. We recommend the overlap/lagging between and joints to be about 1/3 of the plank length but never less than 300 mm. Installing the first 2 rows like shown will help keep a straight line to start the rest of the installation. The cut off from the first and second row should normally be perfect as starting planks in the 3 and 4 row. Always remember using the spacers to keep the correct distance to the walls. Lift the connecting plank up in an angle of about 20-30 degrees, push it into the long side groove and slide it gently towards the left until the plank ends meet. Push the plank firmly downwards to the floor and the perfectlock system will lock the joint perfectly in the end. Always check every joint before continuing (gently tap with rubber hammer and tapping block if needed).



- 11 For a nice finish where the new flooring meets a threshold we recommend undercutting the moldings of the door. To secure the correct cut off turn a plank upside down and place it on the floor up to the frame. Then place the hand saw flat against the plank and simply cut through the frame/moulding as shown. Remove the cut-out and vacuum away dust. Then you can simply slide the floor underneath the frame/moulding and make a perfect finish.







# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj

Amphur Bangbuathong Nonthaburi 11110, Thailand.

Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250

E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## INSTALLATION INFORMATION

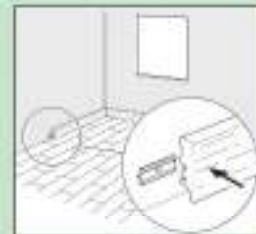
**PERGO**  
WOOD PARQUET

### Installation

- 12 To install Pergo wood flooring around pipes, carefully measure and mark the planks with the exact centre point for each pipe. Drill a hole at each of the marked points that is equivalent to the diameter of the pipe + 16 mm in dry climate and 24 mm in wet climate. If located on the long side of the plank make a 45 degree cut from each hole to the edge of the plank and then cut between the holes as shown. If located on the end of a plank make a straight cut across the plank. Install the plank. Then using some regular wood glue along the cut edges of the piece you've cut out and glue the piece in place where it belongs. Be sure no glue comes between the cut out piece and the subfloor. Use spacers to secure a tight glue joint and remove any glue on the floor surface directly with a damp cloth. The gap you have created between the pipes are to ensure the floor can move as expected from season to season. These cannot be filled with any sealant, silicone or other adhesive. Use the Pergo radiator caps to conceal gaps around radiator pipes.



- 13 Inspect the final surface of the installed floor, remove all spacers and install the Pergo wood wall bases according to the instructions following the wall bases.





# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## INSTALLATION INFORMATION



### Cleaning Instructions

1 When installing a floating floor you can walk on it during installation and immediately afterwards. After installation it is recommended to have circumstances of 15 - 22°C and a RH level between 25-65%. During winter time the air in the rooms is usually extremely dry, for this reason it is strongly recommended to use humidifiers in order to obtain a constant humidity level. In the summer and autumn, when there is a high relative humidity the room should be well ventilated.

2 To remove dirt and dust from the floor use a dry mop, a brush or a vacuum cleaner. Make sure the vacuum cleaner is equipped with soft wheels and a special parquet brush to avoid scratching your floor. Never use a steam cleaner to clean your wooden floor. For the first cleaning of the floor make sure to first remove ALL dust and dirt before using a cloth. Wet maintenance of a wooden floor is absolutely forbidden.



3 Only use the recommended cleaning products for floor maintenance. Remember that using other cleaning products may damage your floor. Always wipe the floor dry immediately so that no more moisture or liquid is visible on the floor. Bevelled parquets must only be cleaned with a dry cloth.



4 Castor chairs must have castors of the so called type "soft wheels" and a plastic protector mat should be placed under the area where the chair is placed/used. All furniture legs should be protected by felt pads to avoid scratching the lacquered/oiled surface. Avoid sliding/dragging furniture over the wooden surface to avoid possible scratching. Lifting the furniture is recommended. Always place a quality door mat at any entrance door to avoid introduction of sand, dirt or water which might create scratches.





# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuaathong Nonthaburi 11110, Thailand.

Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250

E-mail. INFO@excelfloor.com Website. www.excelfloor.com

INSTALLATION INFORMATION

**PERGO**  
WOOD PARQUET

## Cleaning Instructions

- 5 Special cleaning instructions are at hand with your Pergo dealer or on the website of these products. Please read them with care before maintaining your lacquered/oiled surface.
- 6 The manufacturer bears no responsibility for problems or damage which arises through inept preparation of the subfloor, the floor installation itself or the exposition of the floor to unsuitable climatic conditions/maintenance. The right for compensation for damaged or differently coloured panels does not extend to parquets which already have been installed. In nonstandard cases we recommend you to inform yourself sufficiently with regards to the specific requirements of our construction project. In the event of further questions please contact your retailer.



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## ExcelFloor Installation Process

### Nailed Down System

<b>Engineered Wood Boards Thickness 13 mm.</b>
<b>Dura Board Thickness 6.0 mm.</b>
<b>rubber Sheet Thickness 1.5-2.0 mm.</b>
<b>Cement concrete Floor Moisture not exceed 6%</b>

#### ขั้นตอนการเตรียมพื้น / ปูพื้น

1. ความชื้นของพื้นคอนกรีต ต้องไม่เกิน 3-6%
2. ต้องเป็นคอนกรีตขัดเรียบ ระดับต้องเรียบเสมอกัน ระดับสูง-ต่ำได้ไม่เกิน +/- 1 มม.
3. ระดับความสูงจากพื้นซีเมนต์ คือ ความหนาของไม้ปาร์เก้ ตามสเป็ค 13 มม. แผ่นซีเมนต์บอร์ด 6 มม. แผ่นยาง 1.5 มม.
4. ปูแผ่นยาง 1.5-2.0 มม. บนพื้นซีเมนต์ เพื่อกันความชื้น และเก็บเสียง
5. ปูแผ่นดิวราบอร์ด ทับบนแผ่นยาง ความหนา 6 มม. โดยวิธีการยิงยึดด้วยตะปู หรืออาจจะใช้กาวช่วยในบางตำแหน่ง
6. เริ่มปูขอบที่ติดฝาผนัง โดยใช้ไม้เอ็นจิเนียร์ ดีเป็นบอร์ดเดือร์ รอบผนัง โดยใช้วิธีการยิงยึดด้วยตะปู
7. เริ่มจุดสตาร์ท และลายในการปู ได้รับการยืนยัน จากผู้ออกแบบ หรือ ผู้รับเหมา หรือผู้มีอำนาจตัดสินใจ
8. เริ่มการปูไม้ปาร์เก้ ด้วยการยิงยึดด้วยตะปู เข้าที่ลิ้น
9. จบงานด้วยการบัว ตัวจบ ตามแบบที่ได้ตกลงกัน



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj

Amphur Bangbuathong Nonthaburi 11110, Thailand.

Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250

E-mail. INFO@excelfloor.com Website. www.excelfloor.com

## Care and Maintenance

### ข้อควรระวัง

สำหรับการติดตั้งทุกประเภท พื้นเดิมจะต้องแห้ง ได้ระดับเรียบ และแข็งแรงพอ ไม้เอ็นจิเนียร์ ไม่เหมาะที่จะเป็นพื้น ไม้ที่ไม่มีโครงสร้างรองรับ และเป็นไม้พื้น ที่ใช้ได้เฉพาะภายใน ที่พักอาศัยเท่านั้น ไม่สามารถใช้งานไม้ภายนอกได้

ไม้เอ็นจิเนียร์ เป็นไม้ที่มีการเคลือบผิวสำเร็จรูป พร้อมการเคลือบผิว 7 ชั้นด้วยแล็กเกอร์ ซึ่งแล็กเกอร์นี้จะซึมเข้าไป เนื้อไม้ ทำให้เกิดผิวที่ทนทานและแข็งแรง เป็นเวลาหลายปี

- ความสะอาดเป็นประจำ โดยการกวาด, ดูดฝุ่น
- หรือเช็ดด้วยผ้าหมาด (ใช้น้ำเปล่าหรือผสมน้ำยา ทำความสะอาดพื้น ชนิดอ่อน ประมาณ 1-2 หยด และควรเช็ดคราบหรือรอยต่างๆ ออกทันทีโดยไม่ควรปล่อยทิ้งไว้ให้ติดอยู่บนพื้นนานเกินไป
- ไม่จำเป็นต้องลงแว็กซ์ เพิ่ม
- ไม้เอ็นจิเนียร์ มีความทนทานต่อการขีดขีด ระดับหนึ่ง แต่ไม่สามารถทนการลากเฟอร์นิเจอร์ บนพื้น ได้ ดังนั้น ต้องติดแผ่นรองที่ขาเฟอร์นิเจอร์ เพื่อป้องกันการขีดขีด จากการ ลาก โต๊ะ เก้าอี้
- หลีกเลี่ยงการใส่รองเท้าส้นสูงบนพื้นปาร์เกต์ ไม้เอ็นจิเนียร์ ไม่สามารถทนทาน ความแหลมคม ของ รองเท้าส้นสูงได้ ด้วยความที่ผิวไม้เป็นไม้จริง



# **ExcelFloor Co.,Ltd.**

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com

**PERGO®  
FLOORS  
FOR REAL  
LIFE**  
2019

**Project  
Reference**



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@excelfloor.com Website. www.excelfloor.com



**Amari**  
RESIDENCE & SUITES

Project : Amari Residence Condominium  
 HuaHin, Prajuaabkirikhan Province  
 Area : 8,000 m2



**PERGO**  
WOODS FOR REAL LIFE






**ExcelFloor Co.,Ltd**

PERGO Wood Parquet  
 Sku no. CAS 150  
 Bornholm Collection  
 NATURE Oak Natural Bright



creating atmospheres PERGO





# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@excelfloor.com Website. www.excelfloor.com

PERGO Wood Parquet  
 Sku no. : CAS 1340  
 Bornholm Collection  
 Product : NATURE Polar Oak Matt

**PERGO**  
FLOORING FOR REAL LIFE

Project : AIS Serenede Shop  
 Branch : รัตนาธิเบศร์/พัฒนาการ  
 Area : 150 m2 /150 m2














**PERGO**  
FLOORING FOR REAL LIFE

PERGO Wood Parquet  
 Sku no. CAS 154  
 Bornholm Collection  
 Product : NATURE Oak  
 Ceruse Triple White Matt

Project : Agaligo Yoga  
 Sku no. CAS 154  
 Central Rama 9  
 Area : 250 m2  
 Designed By  
 Boon Design








# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com

**PERGO**  
FLOORING FOR REAL LIFE

PERGO Wood Parquet  
Sku no. : CAS 3487  
Bornholm Collection  
Product : NATURE Iroko Bright





Project : บ้านหรู  
Private Condominium  
Area : 150 m2



**PERGO**  
FLOORING FOR REAL LIFE

PERGO Wood Parquet  
Sku no. CAS 154  
Product : NATURE Oak  
Ceruse Triple White Matt

Project : The Portrait Rama 4  
Mock up Room  
Area 100 m2



**PERGO**  
FLOORING FOR REAL LIFE

**THE PORTRAIT**  
Rama 4



# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@exceilfloor.com Website. www.exceilfloor.com

ing atmospheres PERGO  
 ExcelFloor Co., Ltd.



Mount Nelson Hotel,  
 Cape Town, South Africa  
 Wood Parquet

ing atmospheres PERGO  
 ExcelFloor Co., Ltd.



Hilton Hotel - Sandton  
 Johannesburg, South Africa  
 2000m  
 Wood Parquet





# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@exceilfloor.com Website. www.exceilfloor.com

ing atmospheres PERGO  




ing atmospheres PERGO  






# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
Amphur Bangbuathong Nonthaburi 11110, Thailand.  
Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
E-mail. INFO@excelfloor.com Website. www.excelfloor.com





# ExcelFloor Co.,Ltd.

22/127 Moo 2 Pattara Commercial Tumbol Phimolraj  
 Amphur Bangbuathong Nonthaburi 11110, Thailand.  
 Tel. +66 (0) 2924 4249 (Auto) Fax. +66 (0) 2924 4250  
 E-mail. INFO@exceilfloor.com Website. www.exceilfloor.com

ing atmospheres PERGO  
 ExcelFloor Co., Ltd.

Rechtman Home Makler  
 Norway



ing atmospheres PERGO  
 ExcelFloor Co., Ltd.



All Star Pop-up Restaurant  
 Brussels, Belgium