Barlinek

Yes Wood™

ENGINEERED WOOD FLOORING

100% MADE IN EUROPE



unrivaled beauty of wood

Quick ship

Locally Available Inventory

us.barlinek.com

trust



150 year heritage

fully developed technologies for creating floors, a guarantee of the quality and durability of products

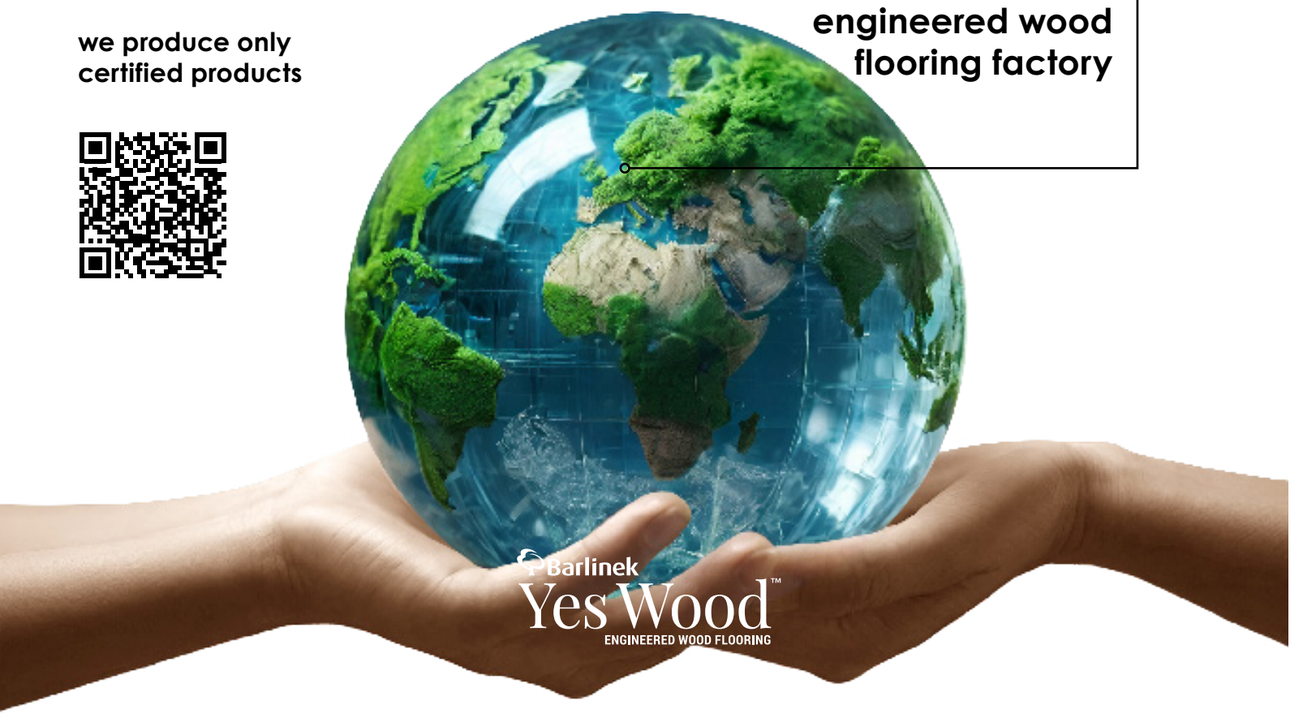
made in Europe

- **5** production facilities across Europe: two in Poland, Romania, Ukraine, Croatia
- **80** countries covered by sales activity on 6 continents
- **N°1** global manufacturer of natural 3-layer wooden floors with **local stock in USA**
- **350 Million sqft** production capacity in all flooring categories
- **3600** employees
- **GREEN company** with unique business model

health above all

we produce only certified products

engineered wood flooring factory



technology

3-layer cross construction

- **100% wood**
  made from 100% natural high quality wood
- **product stability**
  very high resistance to humidity changes
- **durability**
  suitable for residential and light commercial use
- **radiant heating**
  perfect for various heating systems
- **refinishable – NWFA**
  3 times

finishing

- **UV lacquer**
  excellent surface protection and easy maintenance
- **lacquering after beveling**
  no micro-damages of the finish and thus higher durability of the coating on floorboards' edges
- **matte finish**
  natural look of surface protected against abrasion, dirt and micro scratches
- **brushing**
  highlighting the natural beauty of the wood graining and bringing out its structure
- **coloring**
  multiple decors in variety of colors including double staining



wood usage

- **wide range of formats and designs**
  long length, wide planks, herringbones, chevrons (check for USA availabilty)

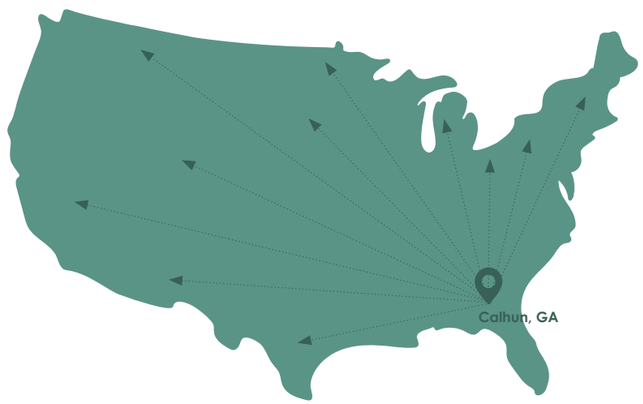
joints

- **patented quick joint 5Gc and T&G**
  proven system for fast and easy fold down installation (check for USA availabilty)
- **optilock®**
  installation of classic herringbone without right and left plank

private label

- **custom-made decors**
  possibility in creating individual designs and colors

ships points



The Barlinek Group

We are active in 80 countries, having 5 representatives in: Poland, USA, Germany, Romania and Ukraine



As well as the Barlinek flooring, the group also produces certified flooring for sporting facilities, moldings and wood biofuels known for their high quality – wood pellets and fireplace briquettes.

Barlinek attaches great importance to the technology applied and the companies finished products being ecological and environmentally neutral.

Constant improvements of the plant and investments in modern technology have made Barlinek one of the cleanest companies in this industry.

Barlinek active participation in environmental protection is more than just a legal requirement – it is a major element in our long-term development strategy.

Meet Barlinek

TRIGENERATION / SUSTAINABILITY

100% of required heat energy

at the Barlinek factory and 60% of electricity is covered by our own production



70%

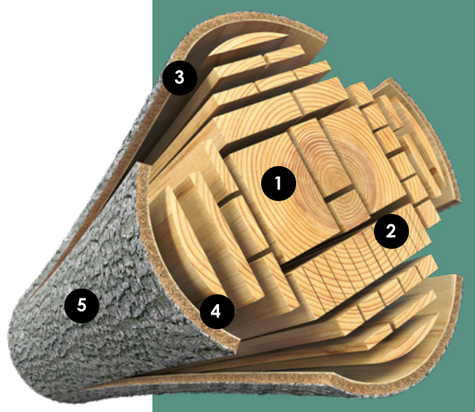
Limited emissions of greenhouse gases expressed in megagrammes (Mg) CO□ (equivalent to carbon dioxide) by over 70%.

99%

We have limited dust emissions to practically zero. Our filters remove 99% of dust.

100%

Precise and thorough segregation of all waste.



RESPONSIBLE PRODUCTION

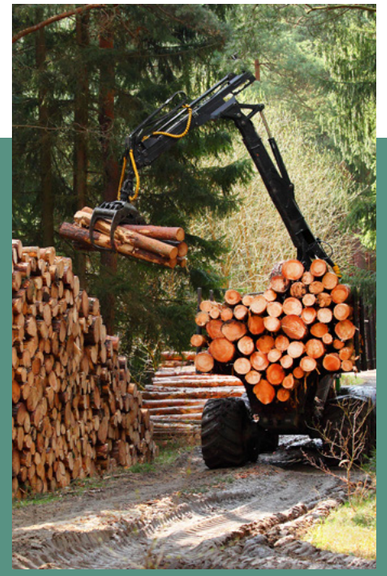
Use of 100% wood material

1. Barlinek floorboard
2. Skirting boards
3. Pellet
4. Briquette
5. Bark

We use 100% of raw material Barlinek is the only production facility in Europe with the whole production process concentrated in one site. This guarantees full quality control at every stage of production, as well as the most economical consumption of such a valuable raw material as real wood. Barlinek tries to make 100% use of it.

SUSTAINABLE RESOURCES

Manufacturing certified products



WOOD OBTAINED SOLELY FROM LEGAL SOURCES

Out of concern for future generations and the protection of forest resources, the Barlinek Group is obtaining timber only from legal sources. By obtaining wood from licensed sites, we preserve biological diversity, prevent excessive deforestation, support honest businesses and protect the planet from excessive greenhouse gas emissions.

Wood purchase Policy Document

Health above all

ONLY CERTIFIED PRODUCTS

The air that we breathe affects our health and wellbeing. To produce its layered wooden floors, Barlinek uses only materials tried and tested in terms of health, such as adhesives, lacquers and natural oils.

The tested and certified floors meet all the high criteria for emissions of volatile organic compounds (VOC), and guarantee good air quality in rooms.

This is confirmed by the FloorScore and TSCA certificates awarded, and the test reports produced at independent institutions.

Our factories are under constant supervision of the Wood Technology Institute in terms of formaldehyde emissions, which is confirmed by certificates.



FloorScore Certificate



TSCA Certificate for Barlinek Plant



ISO 14001 Certificate

www.realwood.eu

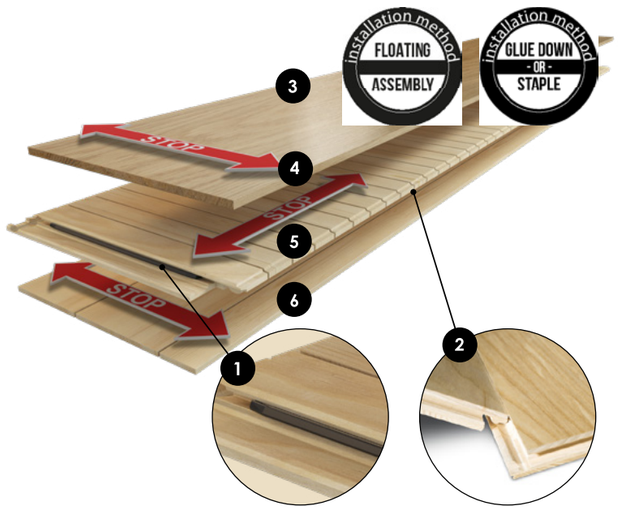
Barlinek flooring is compliant with TSCA Title VI and Carb Phase 2*

Wood products must be labeled as TSCA Title VI compliant. These products include: hardwood plywood, medium-density fiberboard, and particleboard and other finished goods containing these products. Engineered wood manufactured by Barlinek, contains hardwood plywood US EPA TSCA Title VI compliant.

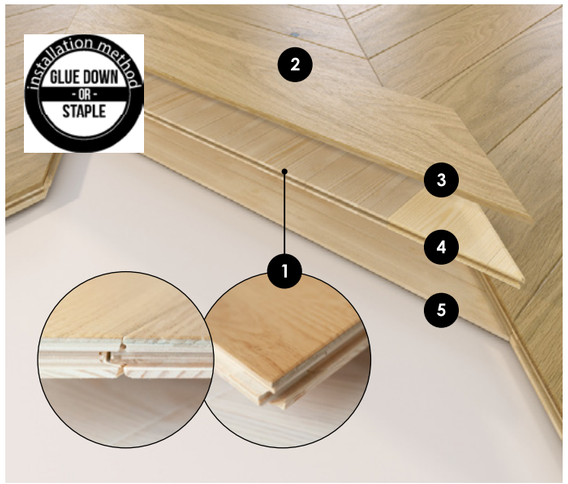
* California Proposition 65

Documents:

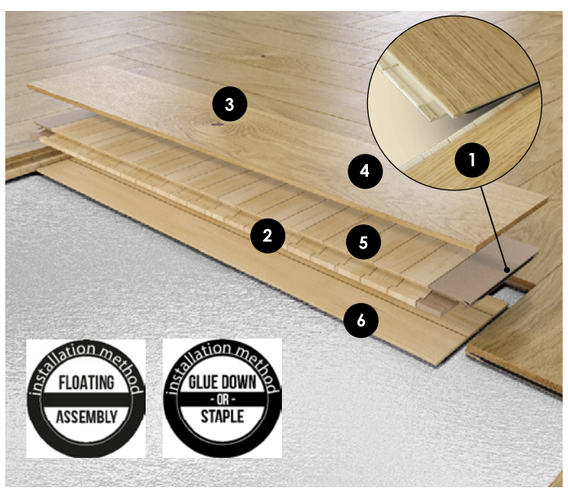
structure



1. **Quick joint 5Gc**
Faster and easier installation in places difficult to access. Simple installation of angularly cut flooring. No additional tools needed.*
2. **Joint Barclick®**
Fast and easy with the use of an assembly kit. High durability of the joint.
3. **Wood protection system**
Up to 7 layers of UV-hardened acrylic lacquer or a system of UV/ natural oil.
4. **Surface layer**
Selected European wood of the appropriate thickness, protected with a lacquer or oil finish.
5. **Middle layer**
Coniferous layer arranged laterally to the surface and a bottom layer. Such construction limits the natural movement of the wood and prevents gaps, cracks and squeaking – even in constantly changing weather conditions.
6. **Bottom layer**
Coniferous wood arranged laterally to the middle layer reduces the natural work of wood.



1. **Tongue&groove joint**
The traditional way of installation of the classic floor. The properly marked right and left planks give the pattern of chevron. The flooring is installed by glue down method
2. **Wood protection system**
Up to 7 layers of UV-hardened acrylic lacquer or a system of UV/natural oil.
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5. **Bottom layer**
Coniferous wood arranged laterally to the middle layer reduces the natural work of wood.



1. **Quick joint Optilock**
The many years of experience of our R&D team have led to the development of the Classic Herringbone joint, which enables installation without the need for a right and left-hand board.*
2. **Joint Barclick®**
Fast and easy with the use of an assembly kit. High durability of the joint.
3. **Wood protection system**
Up to 7 layers of UV-hardened acrylic lacquer or a system of UV/ natural oil.
4. **Surface layer**
Selected European wood of the appropriate thickness, protected with a lacquer or oil finish.
5. **Middle layer**
Coniferous layer arranged laterally to the surface and a bottom layer. Such construction limits the natural movement of the wood and prevents gaps, cracks and squeaking – even in constantly changing weather conditions.
6. **Bottom layer**
Coniferous wood arranged laterally to the middle layer reduces the natural work of wood.

* For detailed information on the installation and use of the Barlinek flooring, please refer to the barlinek website.

5Gc Barlock joint

- quick and easy assembly, even in difficult-to-reach places
- a click confirms proper joining of the boards
- simple assembly of floorboards
- float, glue or staple installation
- does not require additional tools for assembly and disassembly



Tongue and Groove joint

- a quick, traditional method of installing wood flooring
- classic, firm installation
- glue down or staple installation



Optilock joint

- glueless assembly
- no right or left boards
- quick and precise installation
- less material waste **
- cleaner installation
- easy to uplift and reinstall if necessary

** Compared to installations with right and left boards.



Cutting method

Barlinek Sawn Cut









Standard sawn



Sawing with four-sided rotation, obtaining a log to be cut into boards with a multi-saw.

ADVANTAGES

1. Maximum use of raw material for the production of top layer lamellas.
2. Limited spread in the width of the acquired planks.
3. A similar wood grain of the acquired planks.
4. **Identical to solid flooring.**



Kiln drying

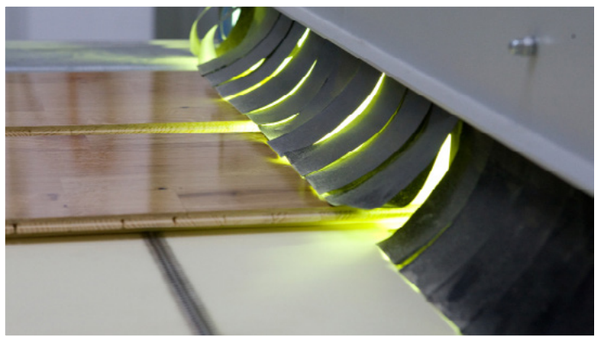
Barlinek has over **180 kiln dryers** which can accommodate wood for production of **14,300,743 sq ft** of board.

ADVANTAGES

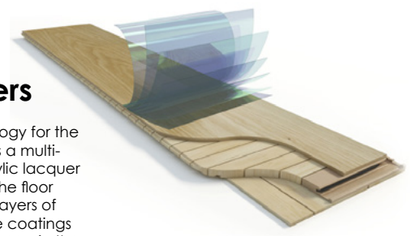
- Each system controls the drying process on the basis of wood probes and the system controls and acknowledge any faults.
- We have a laboratory in which we determine the moisture content after the drying with oven – dry method (the most accurate method) and we confirm that the final moisture content complies with the adopted Technical Conditions.
- All chambers are electronically controlled.
- Each chamber has an integral, automatic system for controlling and monitoring the drying processes, which is supervised by the dryer service 24h 365 days a year.
- The newest chambers already have recuperators.
- Valutec tunnels in Barlinek have an automatic loading and unloading system that works in a continuous system supervised by an employee of the drying department.



UV hardened



Up to 7 layers of protective coatings



Varnish layers

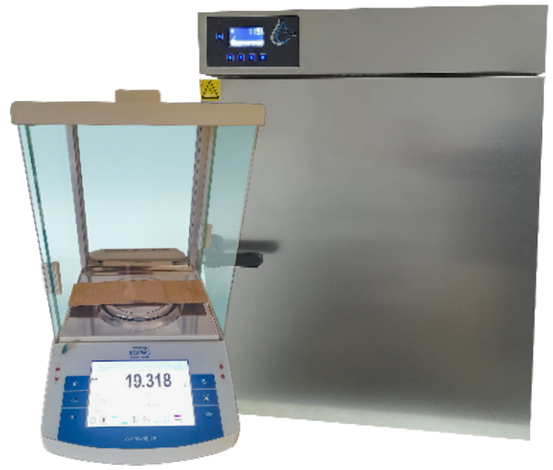
The lacquering technology for the Barlinek floorboard uses a multi-layered coating of acrylic lacquer hardened by UV rays. The floor is coated with up to 7 layers of a lacquer system These coatings are from leading producers in the industry.

Moisture test

Weighing a board or a prefabricate before putting it into the climate chamber.

The material remains in the chamber for 8 hours at 217°F (103°C)

After calculation of the weights difference, we obtain the material moisture.



Barlinek dries all products to a level of 5% to 9% measured by the oven-dry method

5-9%
KILN DRY

European Wood is approx. 10% to 20% harder.
Barlinek White Oak = 1432 lbf (650 kg/cm²)
Barlinek Ash = 1674 lbf (760 kg/cm²)

European Wood from the approved forest are harder than the normal oaks and ash species from the North American market.



Barlinek European Ash – 1674 lbf

Barlinek European White Oak – 1432 lbf

Ash – 1320 lbf

Red Oak – 1290 lbf

Wearing resistance

Taber Test



Barlinek Central Laboratory

Taber test report reulsts

Barlinek exceeds internal standards by **20%**

revolutions	Classification of wear resistance			
classes of wear resistance	≥1000	**≥3000**	≥5000	**≥7000**
	wr0	**wr1**	wr2	**wr3**

Advantages of lacquered floors

- **RESISTANT AND DURABLE**: risk of abrasion reduced as much as possible,
- **APPROPRIATELY FLEXIBLE**: better protection against crumbling and cracking,
- **THE LACQUER YIELDS ALONG WITH THE FLOORBOARD**: to prevent damage,
- **EXCELLENT ADHESION** of individual layers of lacquer to each other, and of the lacquer to the wood,
- **LOW SURFACE TENSION**: this means less attraction of dust,
- **A LOW GLOSS LACQUER** constituting a perfect solution for rooms for most any décor,
- **THE UNIQUE QUALITY** and climate of wooden floors at an attractive price,
- **ECOLOGICAL AND HEALTHY**: perfect for the whole house or commercial settings in healthcare, multi family
- **EASY TO TAKE CARE OF**,
- **ECOLOGICAL** lacquers used by Barlinek are effective protection for a wooden floor, without solvents destroying the Earth's ozone layer.





Lacquering after beveling

One basic advantage of the Barlinek floorboard is the technical possibility to lacquer floorboards after milling.

The construction of the joint enables lacquering after milling, which contributes to the durability of the lacquer coating on the edges of the floorboard.

Most profiled lock floorboard products do not offer this possibility. This results in microdamage occurring earlier on the edges of floorboards. The sharp floorboard sides wear more quickly during use, and are vulnerable to splitting and crumbling

Low maintenance

ADVANTAGES

- Barlinek uses only top quality varnishes.
- **EASY MAINTENANCE** and **CARE**.
- Availability of products for maintenance and renovation of lacquers in thousands of paint shops located in the USA and Canada.
- UV lacquers are solvent free – **ULTRA-LOW EMISSION OF VOC** during production process and after installation.



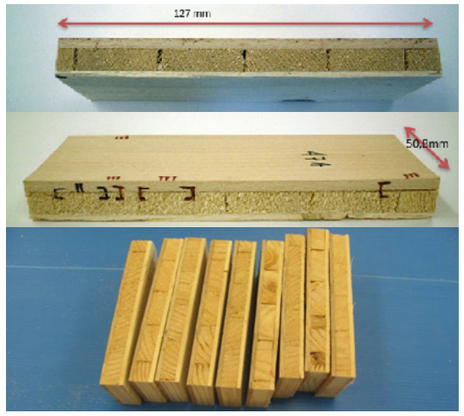
ANSI test

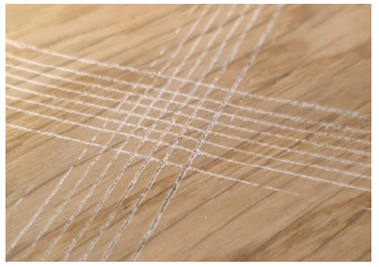
for layers' adhesion / delamination

Many competitive products we test cannot make it past the Stage 1 cycle test.
Barlinek product must meet 3 cycles test to be approved.

- Soaking in water at a temperature of 73.4°F ± 35.6°F (24°C ± 3°C) for 4h
- Drying in temperature 123.8°F ± 35.6°F (51°C ± 2°C) for 19h (to 8% humidity)
- Performing three cycles again

95% of good elements after 1 cycle
85% of good elements after 3 cycles





Adhesion

All Barlinek products are tested for the Cross Hatch Adhesion testing of the finish

Cutting method
– Barlinek class 0 or 1

Appearance of cross-cut area					
Percentage of flaking	0%	<5%	<15%	<35%	<65%
Classification	**0**	**1**	2	3	4

Gardner gloss scale

Gardner Gloss Scale testing and Barlinek (BUSA)

LACQUER	GLOSS Gardner Scale 60
Ultra matte lacquer LU5	4,5°±1°
Matte Lacquer – L05	9°±2°
Semi-matte Lacquer – LAK	20°±3°
Semi-matte Lacquer Professional – LIN	20°±3°



Emission testing



A chamber for daily formaldehyde emission testing



Spectrophotometer to determine the emission of formaldehyde

California Proposition 65 ⚠ WARNING: Cancer and Reproductive Harm – www.p65warnings.ca.gov
For more details about testing, visit www.us.barlinek.com.

quality

100% made in Europe



100% wood

unique looks

stable construction

refinishable

radiant heating

warm to the touch

low emissions

IIC rated 51dB

antistatic

quick installation

variety of patterns

beveling

brushing

staining

Barlinek Yes Wood™ ENGINEERED WOOD FLOORING

100% MADE IN EUROPE



Design your home

combine different patterns

offer

100% MADE IN EUROPE

9.5 inch



9.5" x 86.6" RL



Pleasure Oak ●●○○○

Pleasure Basketweave

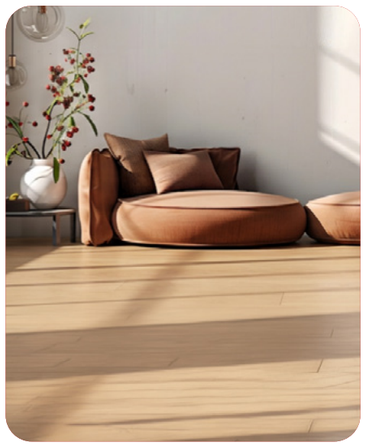


Brioche Oak ●●○○○

Brioche Basketweave, Cortina7"



Canella Oak ●●●○○



Pleasure Oak ●●○○○



Brioche Oak ●●○○○



Canella Oak ●●●○○

Barlinek Yes Wood™ ENGINEERED WOOD FLOORING

100% MADE IN EUROPE

8 inch basket weave



8" x 86.6" RL



Pleasure Oak ●◐○○○

Pleasure 9.5"



Brioche Oak ●◐○○○

Brioche 9.5", Cortina7"



Tortellini Oak ●◐○○○



Pleasure Oak ●◐○○○



Brioche Oak ●◐○○○



Tortellini Oak ●◐○○○

Barlinek Yes Wood™ ENGINEERED WOOD FLOORING

offer

100% MADE IN EUROPE

8 inch



8" x 86.6" RL



Brioche Oak ●●○○○

Caramel HB, Caramel Chevron, Caramel 7", Scone 6"



Tortellini Oak ●●○○○

Mainland Chevron



Tortellini Oak ●●○○○

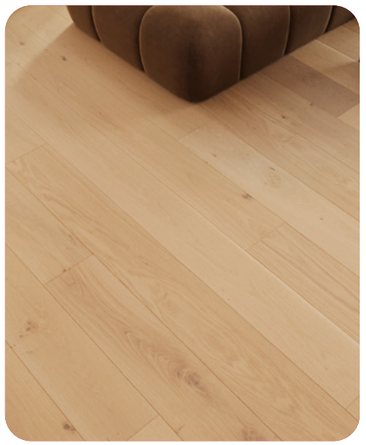


Pleasure Oak ●●○○○

Balos HB, Balos Chevron, Castagnole 6"



Latte Oak ●●○○○



Pleasure Oak ●●○○○

Barlinek Yes Wood™ ENGINEERED WOOD FLOORING

100% MADE IN EUROPE

7 inch



7" x 86.6" RL



Marzipan Muffin Oak ●●○○○



Cannoli Oak ●●○○○

Pudding HB



Brie Oak ●●○○○

Bianco HB, Bianco Chevron



Caramel Oak ●●○○○

Caramel HB, Caramel Chevron, Brioche 8", Scone 6"



Whitfield Oak ●●○○○



Marsala 1 Oak ●●●●●

Barlinek Yes Wood™ ENGINEERED WOOD FLOORING

offer

100% MADE IN EUROPE

7 inch



7" x 86.6" RL



Praire Oak ●●○○○



Chestnut Oak ●●●○○



Cortina Oak ●●○○○

Brioche Basketweave, Brioche 9.5"



Manchego 2 Ash ●●●○○



Limone 1 Ash ●●●○○



Caffe Swamp Oak ●●●○○

Barlinek Yes Wood™ ENGINEERED WOOD FLOORING

offer

6 inch

100% MADE IN EUROPE



*6" x 71"



**6" x 86.6"



Granita Oak* ●●○○○



Cappuccino Oak** ●●○○○

Trivor HB, Trivor Chevron



Castagnole Oak** ●●○○○

Balos HB, Balos Chevron, Pleasure 8"



Scone Oak* ●●○○○

Caramel HB, Caramel Chevron, Caramel 7"



Chocolate Oak* ●●●○○



Chocolate Oak* ●●●○○

Barlinek Yes Wood™ ENGINEERED WOOD FLOORING

offer

100% MADE IN EUROPE

5 inch



5" x 43"

tongue and groove



Chateau Oak ●●○○○



Snowflakes Oak ●●○○○



Quartz Oak ●●○○○



Chateau Oak ●●○○○



Snowflakes Oak ●●○○○



Quartz Oak ●●○○○

Barlinek Yes Wood™ ENGINEERED WOOD FLOORING

offer

100% MADE IN EUROPE

5 inch herringbone



5" x 28.5"



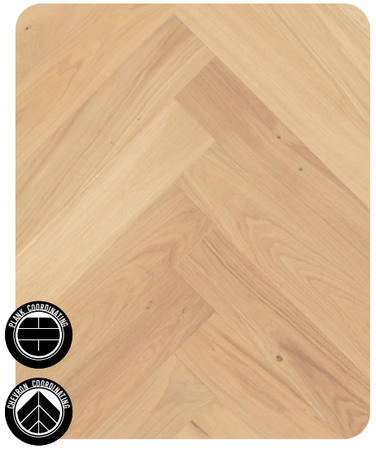
Caramel Oak ●●○○○

Caramel Chevron, Brioche 8, Caramel 7", Scone 6"



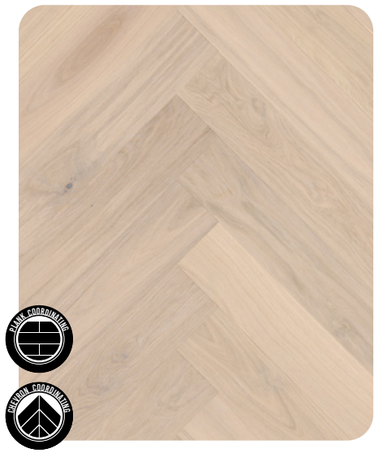
Bianco Oak ●●○○○

Brie 7", Bianco Chevron



Balos Oak ●●○○○

Balos Chevron, Pleasure 8", Castagnole 6"



Trivor Oak ●●○○○

Cappuccino 6", Trivor Chevron



Pudding Oak ●●○○○

Cannoli 7"



Pudding Oak ●●○○○

Barlinek Yes Wood™ ENGINEERED WOOD FLOORING

offer

100% MADE IN EUROPE

5 inch chevron

5" x 28.5"



Caramel Oak ●●○○○

Caramel HB, Brioche 8", Caramel 7", Scone 6"



Balos Oak ●●○○○

Balos HB, Pleasure 8", Castagnole 6"



Trivor Oak ●●○○○

Cappuccino 6", Trivor HB



Bianco Oak ●●○○○

Brie 7", Bianco HB



Mainland Oak ●●○○○

Tortellini 8"



Mainland Oak ●●○○○

Barlinek Yes Wood™ ENGINEERED WOOD FLOORING

shape combinations







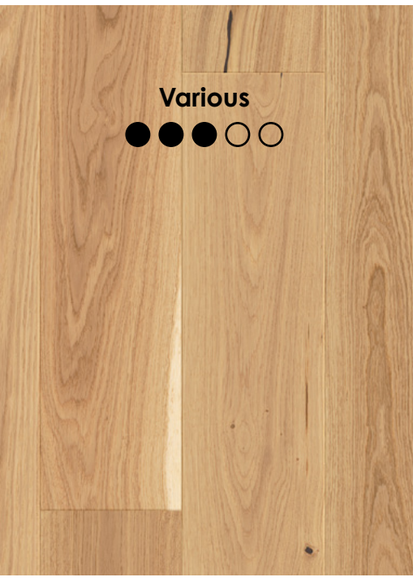


offer

100% MADE IN EUROPE

different character













merchandising

100% MADE IN EUROPE

Profile demo kits

hand sample collection

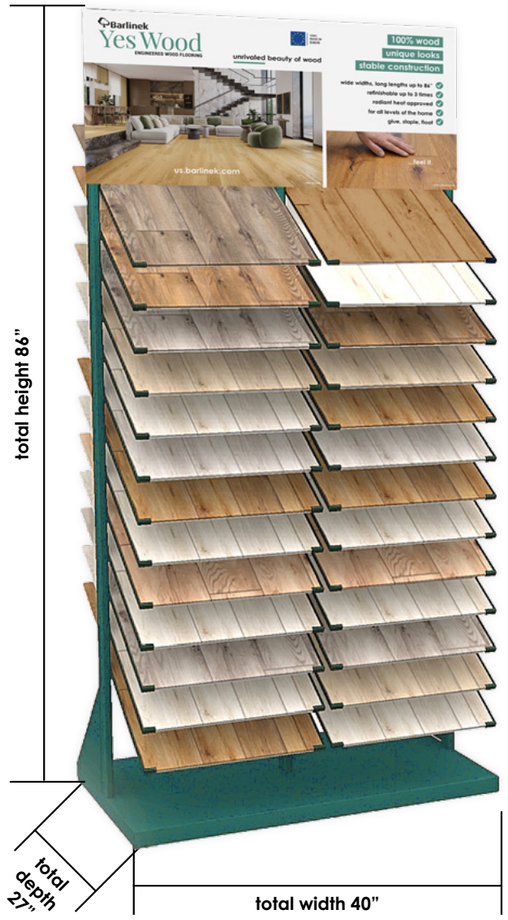






displays

standard stand
sample dimensions: 20,47" x 42,12"



displays

towers
sample dimensions: 17,71" x 27,55"

Barlinek
Yes Wood
ENGINEERED WOOD FLOORING

logistics

100% MADE IN EUROPE

ALL IN STOCK

Barlinek dimensions and packaging

Flooring type	Floorboard length [mm]	Floorboard length [inch]	Floorboard width [mm]	Floorboard width [inch]	Floorboard thickness [mm]	Floorboard thickness [inch]	Packaging type	Number of ft² in a package	Number of ft² on pallet	Pack weight (lbs)
plank 5" T&G	1092	43	130	5	14	0.55	8 x 8 = 64 packs	10.66	682.24	18.14
herringbone 5"	725	28.5	130	5	14	0,55	8 x 8 = 64 packs	7	447.78	12.08
plank 6"	1800	70.9	155	6	14	0,55	6 x 8 = 48 packs	20.99	1,007.50	34.90
plank 6"LL	2200	86.6	155	6	14	0,55	6 x 8 = 48 packs	25.62	1,229.67	44.86
plank 7" RL ASH	2200/ 1092/725	86.6/ 43/ 28.5	180	7	14	0,55	5 x 8 = 40 packs	29.71	1,188.34	50.29
plank 7" RL OAK	2200/ 1092/725	86.6/ 43/ 28.5	180	7	14	0,55	5 x 8 = 40 packs	29.71	1,188.34	49.00
plank 8" RL	2200/ 1092/725	86.6/ 43/ 28.5	207	8	14	0,55	5 x 8 = 40 packs	34.12	1,364.86	59.75
chevron 5"	725	28.5	130	5	14	0,55	8 x 6 = 48 packs	6,57	315,17	11,68

Barlinek 40' container logistics

				within limits			
Flooring type	Floorboard length [mm]	Floorboard length [inch]	Floorboard width [mm]	No. of pallets per container	ft² per container	No. of pallets per container	ft² per container
plank 5" T&G	1092	43	130	36	24 552	40	27 280
herringbone 5"	725	28,5	130	52	23 284	56	25 076
plank 6"	1800	70,9	155	24	24 180	24	24 180
plank 6"LL	2200	86,6	155	20	24 593	22	27 053
plank 7" RL	2200/1092/725	86.6/ 43/ 28.5	180	21	24 955	22	26 143
plank 8" RL	2200/1092/725	86.6/ 43/ 28.5	207	17	23 202	19	25 932
chevron 5"	725	28.5	130	72	22 692	79	24 898

Barlinek Yes Wood™ ENGINEERED WOOD FLOORING

eco



environmental concern and a pro-ecological attitude are paramount values of the brand

pro-ecology campaigns

we plants trees
for every package of Barlinek flooring sold, we plant 1 tree; Barlinek Customers Forest is growing and today includes more than **18,000,000 trees**

we save peregrine falcons
thanks to the activity undertaken over the past few years it has been possible to return as many as **100** of these beautiful birds to the forests

we protect "Bartek" the oak
we also allocate funds to carry out the necessary renovation work to save the ancient Bartek Oak - Poland's most famous nature monument

responsible production

health above all
we produce only certified products that meet all the high criteria, confirmed by FloorScore and TSCA certificates

100% of required heat energy
and **60%** of electricity at the Barlinek factory is covered by our own production

greenhouse gas emissions
reduced by over 70%

dust emissions limited to almost zero
our filters remove **99%** of dust

100% precise and thorough
segregation of all waste

we use 100% of the wood
engineered wood, veneer, skirtings, pellets, briquettes, decorative bark



Barlinek



- **vertically integrated**
  full control at every production stage
- **30 years residential,**
  5 years commercial
- **dedicated customer service**
  and after-sales support
- **experienced team**
  - training for installers
  - training for sellers
  - product presentations
- **stateside inventory**
  in-stock availability, fast delivery
- **full package**
  of marketing materials
  dedicated catalogs, leaflets, presentations, 3d renders
- **merchandising**
  sales space design
- **industry fairs and events**

| LATTE OAK |

Disclaimer: Floorboards are produced exclusively from genuine wood. Because of the natural variation in the raw material, the individual floorboards and their surface may differ in color, shade, the intensity of knots and grain pattern.

Sample boards, samples, photographs and merchandising brochures may not fully correspond to the actual appearance of the products. The color of the product delivered may be different from the material available at the point of sale.

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Barlinek Yes Wood™
ENGINEERED WOOD FLOORING

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