



**BEFAG**  
WOODEN FLOORING





home

FRANKFURT



# YOU ARE AT HOME, WHERE THE LIVES!

Whether we declare it in so many words or not, we all strive for harmony, both in our life and in the creation of the colour scheme of our home. Our age, our attitude and the period of life we are in may all have a marked influence on what we feel or see as harmonious, but there are also written and unwritten rules we should attempt to comply with. Wood floors have always been popular. Owing to their natural materials these surfaces give the impression of an aesthetic and natural environment. **BEFAG** wooden flooring bring a piece of nature into your home or office. Several decades of professional experience, a committed staff and our regularly upgraded production technology guarantee that **BEFAG** wooden flooring will enable you to create the harmony you are striving for.

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## PRODUCT LINES

### Moment

-  ONE-STRIP
-  TWO-STRIPS
-  THREE-STRIP

### Vision



FLOOR HEATING



OIL OILED





































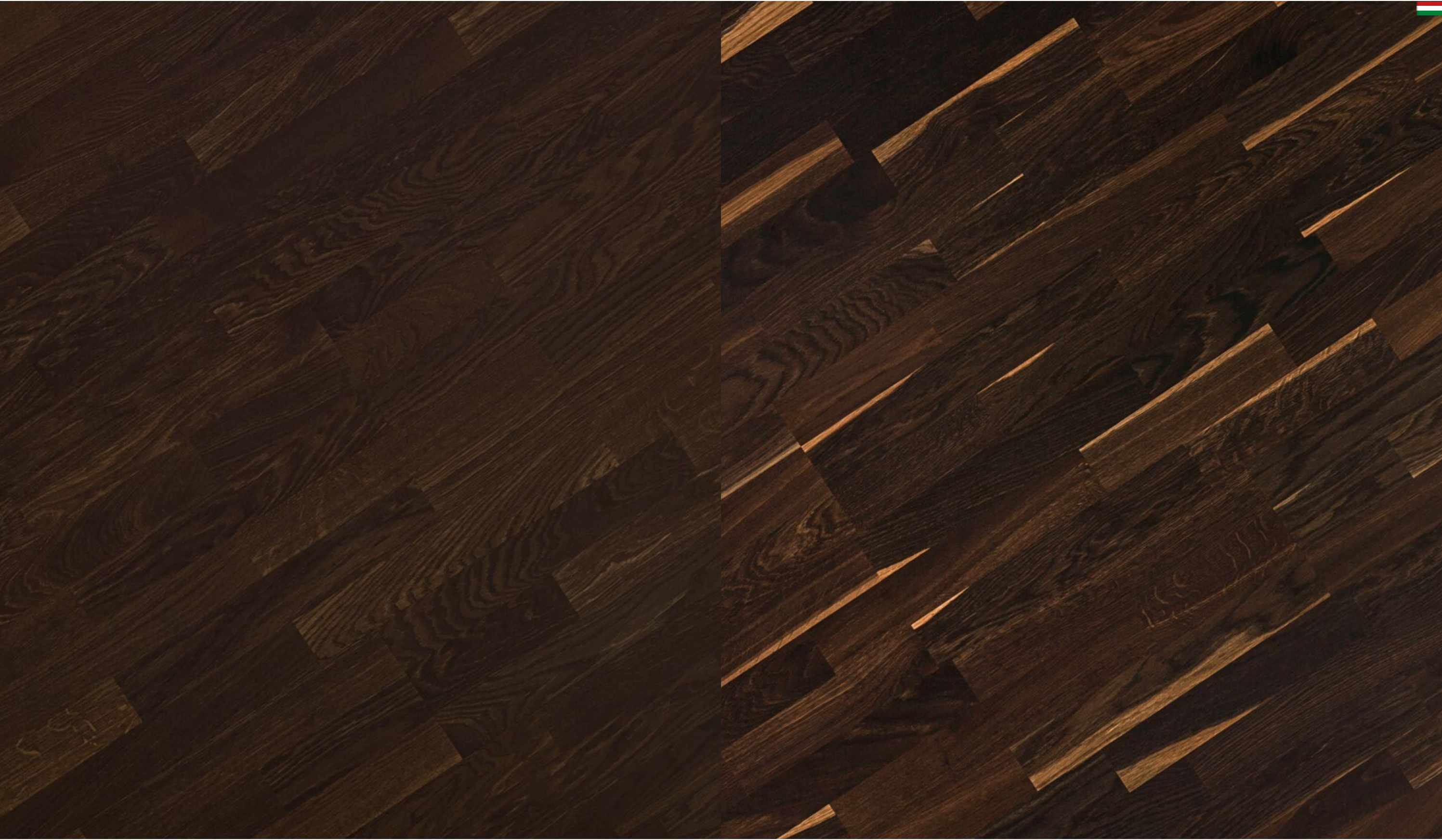




















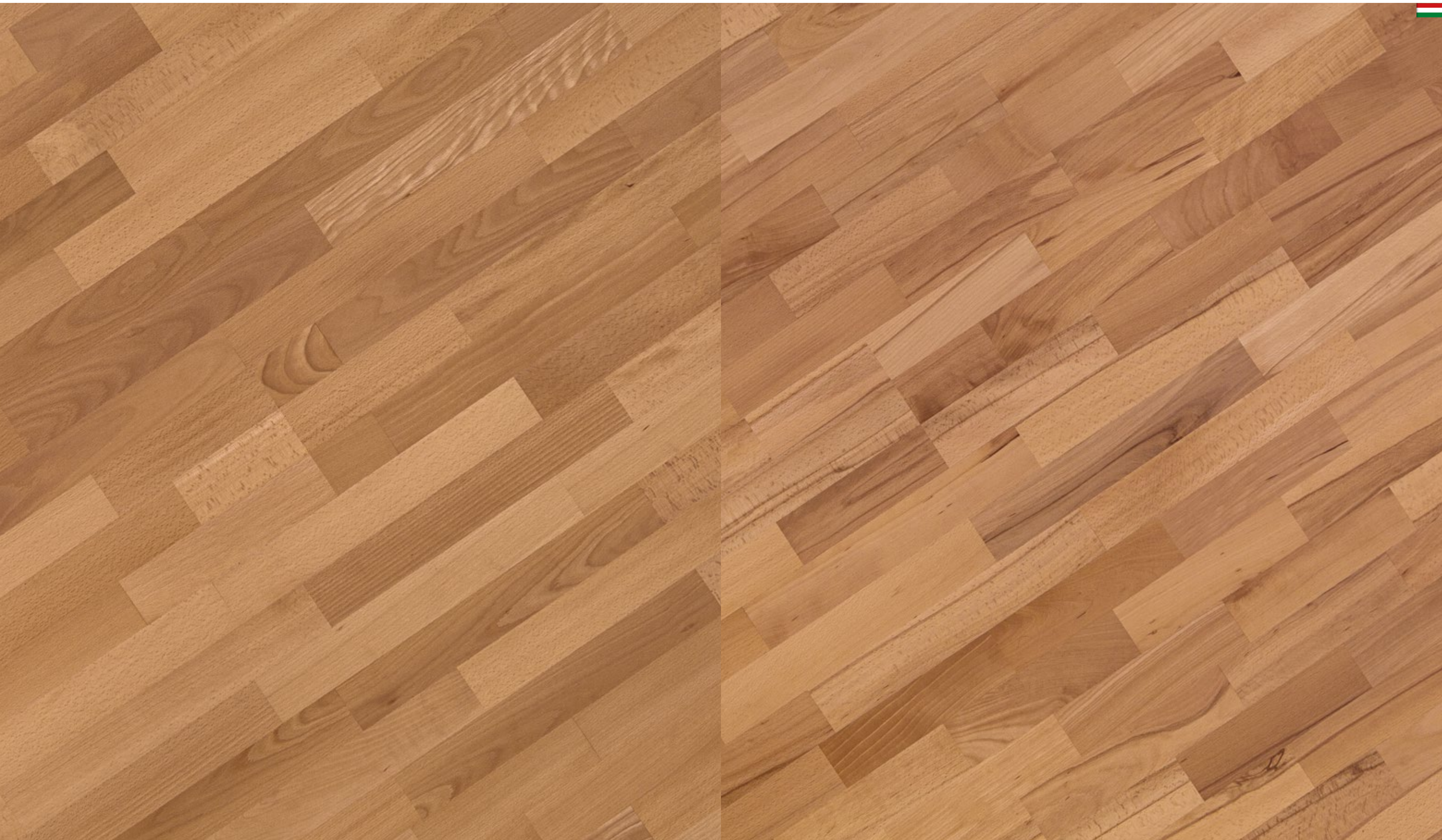


























































*Find beauty in  
everyday's life!*



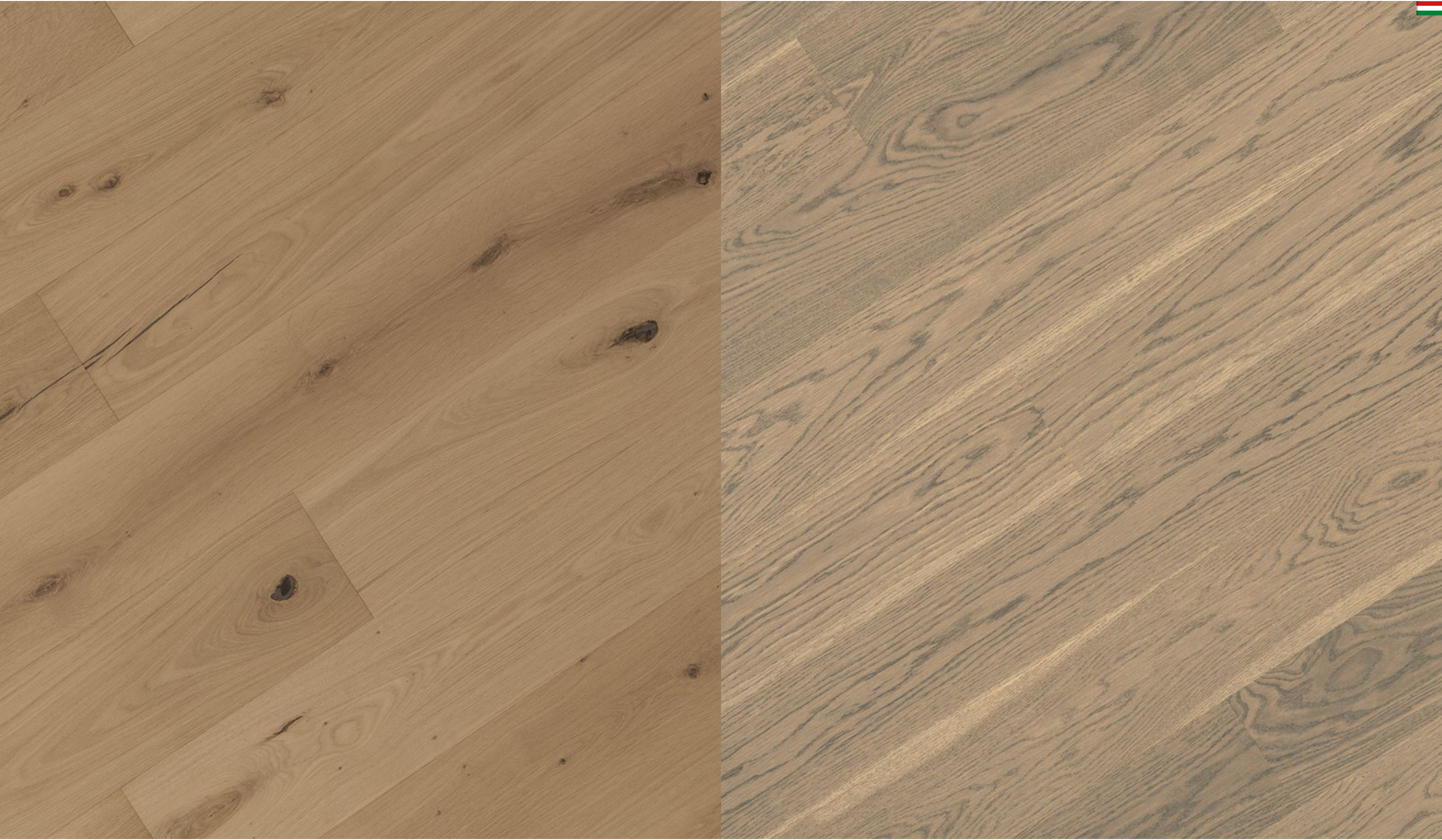




























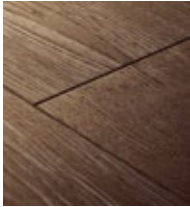


# Surface treatment methods

## SURFACE FINISH



**BRUSHING:** The final surface of floor strips is created using special brushes to remove any loose and soft particles up to an exactly controlled depth. This method enhances and emphasises the natural grain of the timber.



**BEVELLING:** The two longitudinal or all four edges of the strips are bevelled at 30°, thereby creating V-shaped grooves between the installed strips.

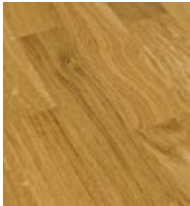


**LIMEWASHING:** Grooves created by structural finishing are filled with a white substance to create the final surface.

## SURFACE TREATMENT METHODS



**SEMI-GLOSS LACQUER:** This is the most common surface treatment method which creates an easy to clean surface comprising eight layers of lacquer and featuring sealed pores and good scratch and abrasion resistance.



**MATT LACQUER:** A surface treatment method creating a surface that is easy to clean and closely resembles the subdued shine of natural wood surfaces. Its physical resistance is similar to semi-gloss lacquer.



**MATT LACQUER WITH AN OIL-FINISH EFFECT:** A surface treatment method that leaves the pores unsealed, thus further enhancing the natural grain of wood.



**STAINING:** Staining enables us to change the colour of the wood and stress its original hue without masking up the natural grain of the surface.



**READY-MADE OIL FINISH:** A surface treatment method using natural oils to lend a natural appearance to the wood by emphasising the beauty of its grain. It does not require further oil treatment. Even though it is more resilient than natural oil finish, it can retain its original beauty with regular care only.

**UNFINISHED:** Strips have a finely sanded surface and can be treated by any surface treatment method (oiling, staining, lacquering) after installation as requested by the client.

**HEAVY-DUTY LACQUER:** A surface finish with increased abrasion resistance recommended for rooms with above the average wear (offices, community rooms etc.).

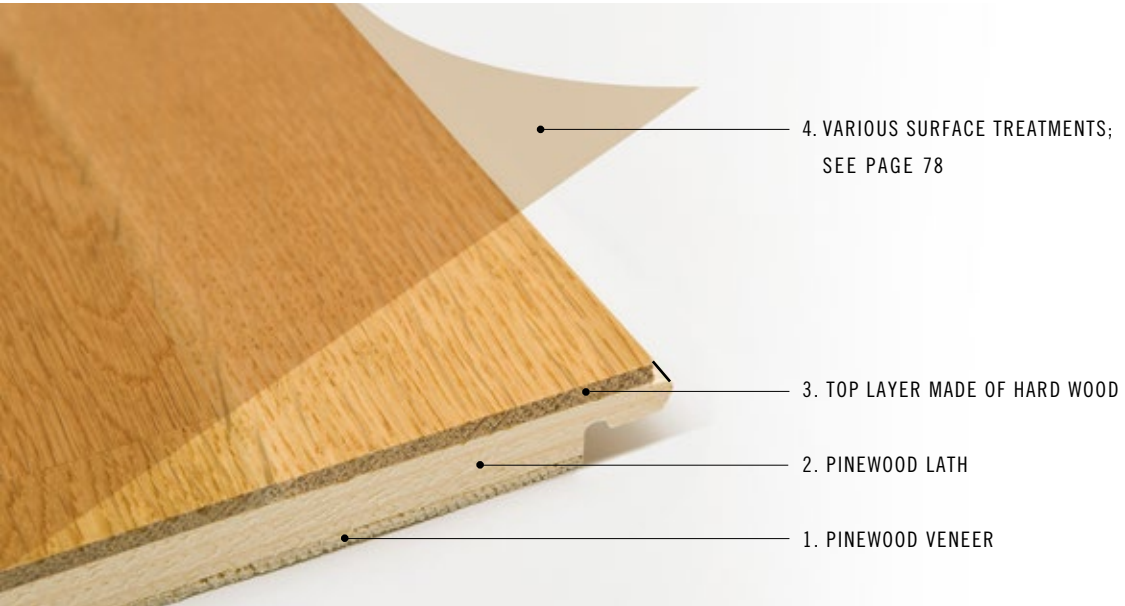
**SPORT LACQUER:** This finish complies with the requirements of EN14904. Owing to its special characteristics it prevents accidents caused by slippery floors and also injuries inflicted by an abrasive surface.

**FIRE-RESISTANT LACQUER:** Wooden flooring featuring this surface treatment system has a Cfl-s1 fire rating and can, therefore, be used in rooms requiring high fire resistance rating.

# Product information

## STRUCTURE OF THE BEFAG WOODEN FLOORING

**BEFAG** wooden flooring consists of three parts. The lower and the middle layer are made of pinewood. The top layer is made of hard wood types, which are available in various colours adjustable to the atmosphere of the space.



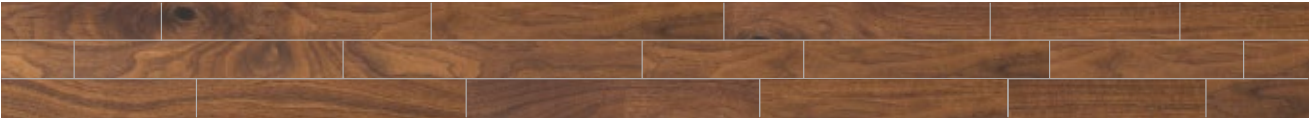
## WOODEN FLOORING CONSTRUCTIONS



**ONE-STRIP** The top layer consists of one lamella.



**TWO-STRIPS** The top layer consists of two lamella rows.



**THREE-STRIPS** The top layer consists of three lamella rows.



# Product information

## Brinell hardness rating

Not all woods are equally hard. For rooms with a high degree of wear and tear we suggest using strips made of a harder timber. The chart below compares the hardness of different species.

### WOOD SPECIES

Black walnut – 2.8 kg/mm <sup>2</sup>	Turkey oak – 3.5 kg/mm <sup>2</sup>	Merbau – 4,9 kg/mm <sup>2</sup>
Black cherry – 2.8 kg/mm <sup>2</sup>	Ash – 3.5 kg/mm <sup>2</sup>	Jatoba – 6,5 kg/mm <sup>2</sup>
Steamed beech – 3.3 kg/mm <sup>2</sup>	Acacia – 4.8 kg/mm <sup>2</sup>	
Oak – 3.5 kg/mm <sup>2</sup>	Canadian maple – 4.8 kg/mm <sup>2</sup>	

DATA BASED ON LITERATURE; FOR INFORMATION PURPOSES ONLY.

## Warranty

All our standard products come with a 21-year warranty for the structure and a 5-year warranty for the finish, as stated in the Warranty leaflet.

## Packaging units

- Dimensions of a single strip: length × width × thickness = 2200 mm × 192 mm × 14 mm
- Package contents = 6 boards = 2.534 m<sup>2</sup> | = 2200 mm × 192 mm × 13 mm
- Specific weight: approx. 8 kg/m<sup>2</sup>
- 1 pallet = 88.69 m<sup>2</sup> = 35 packages approx. 709 kg
- A full truck = 33 pallets = 2926.770 m<sup>2</sup>

## Floor heating

Befag strip floors can be installed in rooms with floor heating. For this purpose please choose one of our products marked with the appropriate symbol in our catalogue. Please note that certain rules need to be complied with when designing and installing the floor heating system and also during the installation of the wooden flooring itself. For further information please refer to our detailed leaflet titled “Combining floor heating with wooden flooring” at [www.befagparketta.hu](http://www.befagparketta.hu).

## Transport and storage instructions for wooden flooring:

- Flooring strips should be transported in a clean, dry environment and must be protected from moisture and physical damage.
- Please store indoors, in a dry room protected from the elements of weather until the time of installation. Make sure the strips cannot absorb moisture from the environment.
- While storing and installing wooden flooring please ensure optimum temperature and air humidity.
- Optimum storage and installation conditions equal 8-9 % equilibrium moisture content in the timer – this translates to 40-55 % relative humidity at 20 °C.

## Please also note

Wooden flooring with surface finishes different from those depicted above are also available upon request. Please inquire at [befagertesites@bakonyerdo.hu](mailto:befagertesites@bakonyerdo.hu).

## Joints



The **CLASSIC** line features a traditional nut and groove joints. Strips are installed using glue.



The **PanLock** self-sealing system features mechanically interlocking joints that can be installed without any glue. These joints can withstand normal wear and tear and individual strips will not get dislodged by accident. A great advantage of this system is that strips can be freely removed and reinstalled without any damage.

Photographs shown here cannot reproduce the full beauty of the colour and grain diversity that exists in timber despite the most careful matching even within batches of the same quality category. Therefore we advise that you visit your local Befag distributor or the manufacturer before making your final purchase decision.



# Oil Finished Product Range

Surface treatment method using natural oil is lending a natural appearance to the wood and enhancing its grain and figure. Oil is absorbed by the pores of the wood, for thus it is not only protecting the surface of the floor, but increasing the resistance of parquet. Oil used by BEFAG Parquet Factory contains vegetable oils and natural resin in high percentage. Hereby the parquet becomes water-repellent, skidproof, fine-feel and more hard-wearing. A very important feature is that oil does not restrain moisture permeability of wood, which is important from aspect of health and also lifetime of wooden floor.

Durability and wear resistance of oiled parquet depend greatly on appropriate cleaning and care on a regular basis.



## NATURAL OIL CARE (075-000-00010))

Clean & Care products preserve the natural appearance of your surface and ensure long-lasting protection. Natural Oil Care is perfect for refreshing naturally oiled surfaces and for fixing minor damages and signs of wear. This product is designed for manual use in properties and can be used even without any expert knowledge. During usage, when the surface becomes pale, scratched or there are some wear-out effects, it can be easily refreshed with the use of NATURAL OIL CARE. It extends the life of oiled floor significantly.

## HYDRO CARE (024-000-00753)

Clean & Care products preserve the natural appearance of your surface and ensure long-lasting protection. Hydro Care is an environment-friendly, aqueous wax-based care product for oiled parquet. The maintenance frequency is dependant of the intensity of use. In private areas in 2-4 weeks, in public areas in 1-2 weeks, in restaurants or stores in 1-2 days time.

## HYDRO CLEANER (024-000-00755)

Clean & Care products preserve the natural appearance of your surface and ensure long-lasting protection. Hydro Cleaner Concentrate is an environment friendly surface cleaner and wax remover for oiled parquet. It is recommended to clean parquet with diluted product before repairing surface, but it is also used to remove stubborn dirt.

# Installation instructions

**Dear Customers,**

The parquet blocks you have purchased are of good quality and provide beautiful and hard-wearing warm flooring in your room if you follow the installation instruction below.

### PREPARATION:

1. Study our guaranty conditions contained in Note of Guaranty thoroughly before you start to install the parquet.
2. All other building and mounting activities – e.g. painting and installation of fittings – shall be completed before laying the parquet, to avoid any damage or scratch on the parquet surface. In case of additional work, cover the parquet floor to protect from any damage during the work.
3. Check the floor base: It shall be dust-free, compact, even and dry. Check the evenness using a rule of 2 m long: If the unevenness exceeds 2 mm the floor shall be adjusted to even. Humidity in concrete shall be measured; it cannot be above 2 %. Control the humidity in the air of the room: it shall be between 40 and 60 % at usual room temperature.
4. In case of a new building and new floor base, lay down a protective foil against the humidity. Apply at least 100 mm overlap at junctions.
5. Lay down the sound-proofing layer to absorb the noise of the steps. This layer shall be 3 mm thick polyethylene foam sheet, felt, cork and corrugated paper.
6. Open packages of the parquet boards enough for the whole surface but at least few bands. Check the parquet pieces in the packages. You can observe some differences in the shades of the colour in the parquet blocks typical for the natural timber. If these differences are considered when they are planked aesthetic quality of the floor will be improved.

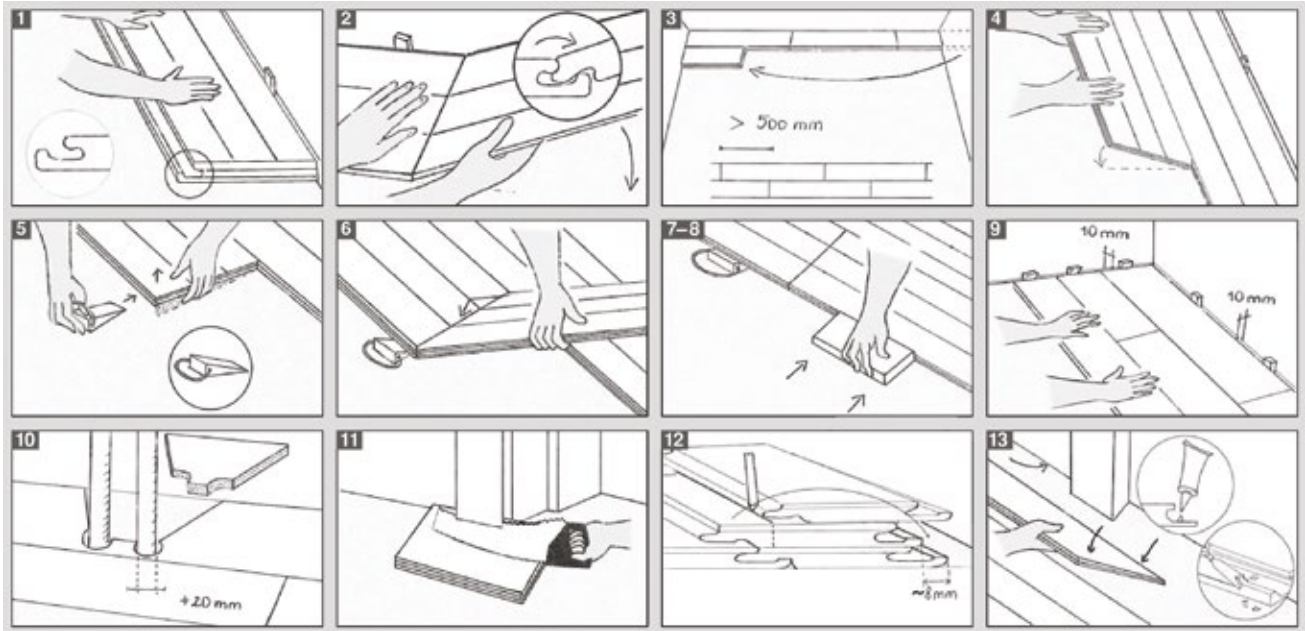
**In case you find a defective parquet strip, do not install but keep it. We are ready to exchange it. However, after installation quality claim is not accepted.**

**APPLICATION:** Efforts shall be made to reduce the extra impact and contamination of the parquet as much as possible. A doormat shall be put before the door to avoid that the fine sand particles get onto the parquet surface. These small particles can damage the varnish layer on the parquet. Underlay felt shall be applied (glued) under legs of the furniture to protect the parquet from scratching. The strong and point-load can cause damages in the parquet. It shall be noted that the various types of the woods have different hardness. But the spike heel will cause damages even in the hardest type of the woods. The rolls can scratch the parquet therefore underlay shall be put under the roll chairs or rubber rolls shall be applied.

**CLEANING AND MAINTENANCE:** The pre-fabricated parquet is covered with a varnish layer therefore no varnishing is required after inlaying the parquet. It may be cleaned with hardly wet – fog-wet – cloth and detergents special-ised for parquet and being available in special shops. Never wash the floor. Contaminants not soluble in water shall be removed immediately with their relevant solvent. Never use highly corrosive substance. Avoid using chemicals for cleaning as much as possible. When the varnish layer is worn out and shall be renewed first remove the old varnish layer using fine sandpaper (P120–P150) longitudinally. The dust formed during the rubbing shall completely be removed before varnishing. Before you put the next varnish layer

rub slightly the previous layer to make it a little rough. Before you start varnishing, the varnish shall be tested. Check thoroughly the adhesion, discoloration and surface quality of the test varnish layer. If the test meets the requirements you can start varnishing. Before buying a varnish please consult with the trader. (Varnish with solvent is recommended.) Renewing the varnish layer can be prolonged if protective agents available in the commerce are used regularly for treatment of the parquet.

**DO NOT FORGET:** The wood is a ‘living substance’ even if it is processed. Therefore it is as sensitive to the extreme climatic conditions as the human. For the good feeling of both human and parquet good climate in the room



## INSTALLATION INSTRUCTIONS for floating installation of prefabricated parquet with PanLoc system

1. Place the first parquet plank as indicated in the figure in direction of the incident light: work from left to right with the tongue sides toward the wall. Keep at least 10 mm compensation joint to the wall using spikes. In case of bigger surfaces at least 1.5 mm compensation joint shall be kept for each 1 meter. In case of surface wider than 18 metres, it is recommended to divide the room by a compensation gap. It is advisable to cut off the surface at the doors. If it is not done door case must not be installed very tightly to the floor.
2. Press the next floor plank at an angle of 200 against the first one and lay it down. Continue in the same way along the length of the first row. Cut the last plank in the first row to the correct length and keep the suitable compensation joint. Before installation remove the possible dirt and scrapings. Dirt can cause some tightening and tension in the parquet.
3. Start the second row with the piece remaining at the end of the first row after cutting. Keep in mind the planks end joints must be fitted in bond by at least 500 mm.
4. Fit the first plank of the second row at an angle of appr. 200 against the first row. The edges of both planks shall be contacted in their whole length – you can help by knocking with a wood block. Press it slightly down.
5. Slip a spike of approx. 200 angle under end of the plank placed in.
6. Fit the next plank's end at an angle of 200 against the plank laid down previously and press down.

is required. It is e.g. a relative humidity of 45–55 % in case of 20 °C temperature. If this relative humidity gets frequently or permanently below the before specified value in the heating season the parquet can be dried out and small slots can be formed in and between the parquet elements. It is a natural phenomenon. To avoid it, both the temperature and relative humidity shall be measured in the heating season. The humidity shall be adjusted if necessary. **Important! This parquet is made of wood therefore it reflects the variability in colours, structure typical for the natural wood even in one quality batch. Therefore the parquet samples presented in the leaflets are for information only.**

7. Adjust the plank to its place by knocking with the wood block, remove the spike and press it slightly. Tight connection can be provided by slight knocking with wood block. Continue the installation in this way.
8. When three rows are completed the spikes between the wall and floor shall be checked and adjusted.
9. In case of passing pipes suitable compensation joints shall be maintained. The hole-diameters shall be at least 20 mm bigger than the pipe diameter. Glue the cut-out piece back into its place and cover the opening with pipe collars.
10. The door trim can be cut to the accurate length by laying down a piece of parquet waste and the parquet can be slipped under the door.
11. The last row of the parquet shall be cut to the accurate width. The required compensation joint shall be maintained here too: no the parquet can contact directly with the wall and other fixed building construction. It is recommended to interrupt the parquet surface at the pass in case when there is no door-sill between the rooms and to cover the gap with a covering element.
12. When plank shall be placed under a door architrave or low radiators – remove the locking edge and put some glue on it as indicated in the figure. You are able to join the next piece in horizontal position by knocking with the wood block. It results in glued joint.

Finally remove the distance adjusting spikes and place the covering elements and ledges.

**IMPORTANT! In case of floor heating only special conditions are effective. Please ask for information before purchase.**













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MOMENT

Summary table

MOMENT 1 STRIP

Wood type		Floor heating
OAK	Select	
OAK	Natur	
OAK	Nordic	
OAK	Rustic	
OAK	Country	
OAK	Super Country	
ASH	Natur	
ASH	Rustic	
MERBAU		
AMERICAN WALNUT		

MOMENT 2 STRIPS























Wood type		Floor heating
OAK	Natur	
OAK	Rustic	
ASH	Natur	
ASH	Rustic	
AMERICAN WALNUT	Natur	

MOMENT 3 STRIPS

Wood type		Floor heating
OAK	Natur	
OAK	Royal	
OAK	Rustic	
SMOKED OAK	Natur	
SMOKED OAK	Rustic	
STEAMED BEECH	Natur	
STEAMED BEECH	Rustic	
CANADIAN MAPLE	Natur	
CANADIAN MAPLE	Rustic	
DANUBE OAK	Natur	
DANUBE OAK	Rustic	
ASH	Natur	
ASH	Rustic	
JATOBA		
MERBAU		
STEAMED ACACIA	Natur	
STEAMED ACACIA	Rustic	
AMERICAN WALNUT	Natur	
AMERICAN WALNUT	Rustic	
STEAMED CHERRY	Natur	
STEAMED CHERRY	Rustic	

VISION

VISION

Name	Wood type	Strip	Floor heating	Silk lacquer	Matt lacquer	Natural-oiled	Stained	Brushed	2-side Bevelled	4-side Bevelled
BERLIN	Oak	3				•		•		
BUDAPEST	Oak	3				•		•		
COGNAC	Oak	3			•		•	•		
COPENHAGEN	Ash	3			•		•			
KIEV	Ash	3		•			•			
LONDON	Oak	3			•		•	•		
ODESSA	Ash	3			•		•	•		
PRAGUE	Danube Oak	3		•			•			
RIGA	Oak	3			•		•	•		
SALZBURG	Oak	3			•		•	•		
STOCKHOLM	Oak	3			•		•			
TALLINN	Danube Oak	3			•		•			
VIENNA	Oak	3			•			•		
MILANO	Oak	2				•		•		
BASEL	Oak	1				•		•		•
BERGEN	Oak	1				•		•		•
DUBAI	Oak	1		•			•			
DUBLIN	Oak	1				•			•	
FRANKFURT	Oak	1			•		•	•		
HELSINKI	Oak	1			•		•			
LUGANO	Oak	1				•		•		•
MALAGA	Oak	1				•		•		•
MOSCOW	Oak	1			•		•			
PRINCETON	Oak	1			•		•	•		





3 STRIPS SMOKED OAK RUSTIC



**BAKONYERDŐ ZRT. – PARKETTAGYÁRA (PARQUET FACTORY)**

H-8308 Zalahaláp Külterület, Phone: (+36-87) 510-805, Fax: (+36-87) 510-807

E-mail: [befagsales@bakonyerdo.hu](mailto:befagsales@bakonyerdo.hu) Web: [www.befagparquet.com](http://www.befagparquet.com)

