



wooden floorings – **NEW GENERATION**







CRYSTALLINE OAK (PURE), STYLE COLLECTION

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WHAT MAKES US STAND OUT



VINTAGE BROWN OAK, LUXURY COLLECTION



Polish Product



CONSUMER'S LAUREL 2016

Consumer Laurel is a nationwide survey which helps to answer to one of the most basic questions asked by the companies, producers and service providers: which companies/products/services are the leaders in terms of quality and innovations.

The commendations given by the organisers are in fact the prizes of a Polish client. It is the client who decides to choose the best quality products. Consumer Laurel is a proof of a positive opinion of Poles about the product or service as well as a form of a collective recommendation.



GOOD BRAND 2016

The programme Good Brand — Quality, Trust, Prestige is a nationwide programme of promotion which aims at choosing the best and the most trusted and prestigious brands.

Therefore, the programme Good Brand — Quality, Trust, Prestige helps a present consumer to choose the best brand in the given category.

GOLD MEDAL 2020 double “yes” for innovation!

An innovative solution of the **Venifloor** brand is veneered flooring, integrated with a mineral underlay. It is designed to be laid on floorings with underfloor heating. The panel has an additional layer of adhesive at the bottom for gluing it to the floor, which eliminates the air layer between the floor and the panel, and positively affects the energy flow. Gluing the panel to the ground also improves the acoustics. Flooring with an underlay means low installation costs.

Veneered floorings from **Venifloor** are a compromise between the use of a natural wooden flooring and ecology. The manufacturing process uses 30 times less precious wood than the production of solid wooden boards.



NORWEGIAN OAK, PRESTIGE COLLECTION

ABOUT US

A modern bedroom interior featuring a wooden pallet headboard, a swing shelf with plants, and a bed with green leaf-patterned bedding. The room has a light-colored wooden floor and a white wall. A string of small white lights is draped over the headboard. A green suitcase sits on the floor at the foot of the bed. A large potted plant sits on the floor to the right of the bed. A framed picture of a fern hangs on the wall above the headboard. A string of three white paper lanterns hangs from the ceiling.

// From the year dot, wood accompanies people as the natural feedstock to build and design. Also today, wood is one of the most popular exclusive materials we are surrounded by.

Venifloor is a brand which uses wood in creating and manufacturing special floors. The wear layer is set by natural veneer which allows to create variety of structures on the flooring's surface. In our floorings, there are advantages of natural wood — the original drawing of growth wings, burls or even crushings. Both lacquer and oilwax finishings make the floor long lasting and resistant to scratchings.

Meanwhile, the used layer in each floor is not wood, but lacquer, oil or wax. It is the layer that we walk on and it is exposed to the direct impact of everyday factors. Thanks to the usage of the universal lock, the installation of our flooring is fast and does not need any extra tools or glue.



HAWAIIAN OAK, PRESTIGE COLLECTION

If you want to know what you stand at, you should know that Venifloor flooring:

- \ combines the best features of solid boards and laminated panels and is characterized by a unique and inimitable aesthetics of natural wood,
- \ thanks to the oilwax + brush finishing, the flooring's surface is extremely natural and pleasant to touch. The materials we use are prepared on the basis of natural oils and waxes, because, by remaining on the surface, they form a silky and abrasion-resistant coating that prevents the penetration of moisture and dirt into the wood,
- \ with a lacquer finishing, it is highly resistant to abrasion, which is the result of a 6-fold application of UV lacquer with the addition of CORUNDUM,
- \ by integrating different forms of wood in its construction, the flooring is more durable,
- \ it is perfect for connection with ceramics, it is installed in a simple way using fast-locking system; thanks to the backpressure layer of veneer boards can be assembled using glue as well as in floating system,
- \ it is an ecological product, it costs much less than a solid board – the visual effect is identical, the performance parameters are definitely higher!
- \ it is renewable, thanks to its parameters, scraping is not needed, in the case of lacquer veneer flooring it is enough to apply a 1-day renovation system, e.g. Bona Silver. Deep, mechanical damages can be repaired with hard waxes. In the case of oilwax + brush finishing, it is possible to repair a single scratch or damage.

More information at:
www.venifloor.com

HARD ARGUMENTS

01

Ideal for use with underfloor heating

Venifloor boards, thanks to the appropriate construction, can be successfully installed over underfloor heating. This new generation flooring does not deform under the influence of heat, while the satisfactory heat transfer coefficient – in the segment of wooden floors – ensures Venifloor boards both conduct and maintain the temperature.



| PARAMETERS | RESULTS | | | |
|---|------------------------|-------------------------|-----------------------|---------------------|
| | Venifloor board 8,5 mm | Venifloor board 11,5 mm | Oak solid board 16 mm | Layered floor 15 mm |
| Thermal resistance R [m²K/W] (lower result = better parameter) | 0,033 | 0,045 | 0,087 | 0,092 |
| Thermal conductivity λ [W/m²K] (higher result = better parameter) | 0,255 | 0,252 | 0,184 | 0,1622 |

Development: D.Eng. Valerjan Romanovski, Warsaw University of Life Sciences – SGGW, Wood Technology Department.

*board with a layered structure - 3 mm wear layer (oak wood), 12 mm bottom layer (softwood).



02

HARDNESS 114% harder than solid oak boards.

Venifloor floor thanks to the use of a durable **HDF** core as a core (BRINELLA TEST) – like a good highway – is more resistant to mechanical damage and impacts, which means that we do not deal with deep dents. In case of such a resistant flooring it is enough to renew only the lacquer layer.

The effect? – Scraping / sanding is not necessary.

HDF board is formed as a result of grinding wood, thanks to which it does not shrink. Compressing wood in this way, with resins, creates a high density product characterized by great durability and resistance to dents. In addition, the HDF boards used to produce Venifloor flooring have an increased resistance to moisture. BOARD DENSITY ≥900kg/m³ in contrast to the standard flooring layer ≈ 600 kg/m³.

03

OIL-WAXED

Easy in renovation and increased resistance to moisture.

The used layer in each floor which we walk on, is not wood, but lacquer, oil or wax.

Thanks to the oilwax + brush finishing, the flooring's surface is extremely natural and pleasant to touch. There are the original drawing of growth wings and pores of wood.

The materials we use are prepared on the basis of natural oils and waxes, because, by remaining on the surface, they form a silky and abrasion-resistant coating that prevents the penetration of moisture and dirt into the wood.

Nevertheless, oilwax boards need a bit more care while cleaning than lacquer boards. It is essential to use special cleaning products as well as protect the floor periodically. Undoubtedly, one of the advantages is the possibility to repair a single scratch or damages without the necessity to renovate the whole floor.



04

VARNISHING WITH CORUNDUM

Practical and resistant to abrasion.

Wear layer is made of UV-lacquers + CORUNDUM and resistant to abrasion.

Venifloor has 6-fold application of **UV** lacquer with the addition of **CORUNDUM** which makes the floor more durable.

It is the finishing, so the wear layer mainly, which allows to last long.



05

FAST AND COMFORTABLE **INSTALLATION** thanks to the single board installing system of a new generation V3.

It is installed by one person even in big spaces. Boards can be assembled both using glue as well as in a floating system. It is perfect for connection with ceramics.

The fast and convenient assembly without glue is an intellectual property of Venifloor — Patent Application **ZIP Sp. o. o., OHIM nr 006303376.**

06

SCRAPING TURNS INTO HISTORY **BECAUSE OF** hardness + abrasion + non-arduous renovation + price

Venifloor can be easily repaired with hard waxes that perfectly complement any cavity. Importantly, with veneer floorings, it is also possible, in case of damage, to replace a single board located anywhere on the floor. All this with minimal effort due to glueless, clean and quick installation.

In turn, if you want to refresh the floor, it is enough to use a 1-day floor renovation system.

By choosing Venifloor, you can be sure that your floor will stay with you for longer, and you will not have to worry about its scraping or additional hardening.

Comparison of the hardness of floors



solid pine
board

layered oak
board

oak board
Venifloor



Hardness of VENIFLOOR –
slight mark on the coating layer.



Hardness of layered oak board –
severe damage to the coating layer
and layer of wood.



Hardness of solid pine board –
severe damage to the coating layer,
devastation of the wood layer.

07

ECO / CSR**corporate social responsibility**

Venifloor is **ECO** — of **1** noble **tree** we produce **30 times more** veneered floor than solid wood floor manufacturers. **30 trees for a solid wood floor 1 tree for Venifloor.**

Thanks to rational use of wood we can enjoy real wood on the floor and a forest to walk through.

08

UP TO 15 YEARS WARRANTY

The solidity of the floor is combined with a long-term warranty.

It is just another way of safeguarding assurance in the reliability of our product, of which we are certain.

09

ATTRACTIVE PRICE

The price of veneer flooring is at the price level of a good laminate floor (PVC), and at the same time definitely lower than the price of a solid board due to the lower consumption of precious wood.

The Venifloor brand offers original wood at the price of a copy.

10

PERCEPTIBLE AND VISUAL NATURAL WARMTH OF WOOD

Wood is probably the closest material to us that has accompanied man since the dawn of history. It shows many advantages including the natural warmth of wood. Therefore, wood provides the optimal thermal comfort both visually and by touching it.

Its unique properties and easily created by wood magic aura of home fires means that it is often used for the construction of houses and interior finishings.

What is more, V-groove and the dimensions of the Venifloor board expose the beautiful and natural look of the wood. This new generation flooring is highlighted by the **4-sided V-groove — 25 degrees**, which enhances its aesthetic qualities.

The wood from which the Venifloor flooring is made “breathes”, thanks to which it regulates the microclimate of houses and flats, and also absorbs humidity and releases it back when the air becomes drier.

As a natural product, it also ionizes the air, does not electrify and does not attract dust. This is very important especially for people with allergies.

Replacing carpets or rugs on our flooring helps to prevent the presence of mites, which are the most common home allergens.



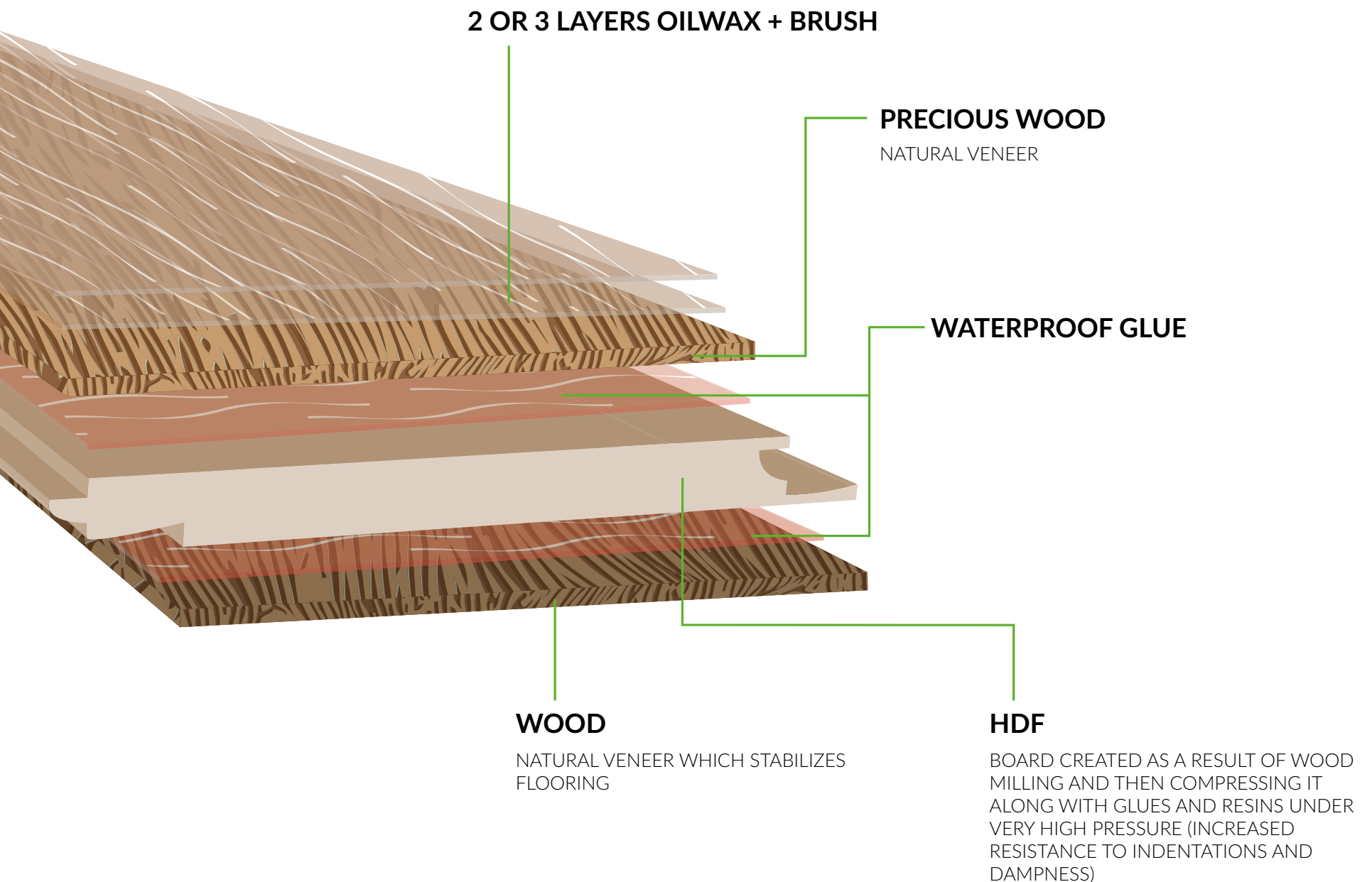
CONSTRUCTION OF THE **VENIFLOOR** BOARD

Dimensions:

WIDTH – 210 mm (8¼")

THICKNESS – 8,5 mm (5/16") | LENGTH – 1205 or 2375 mm (4' or 7' 9½")

THICKNESS – 11,5 mm (½") | LENGTH – 2175 mm (7')



6 LAYERS OF UV-LACQUER + CORUNDUM

CORUNDUM – COMMON NAME FOR ALUMINIUM OXIDES PROVIDED HIGH RESISTANCE TO ABRASION.

PRECIOUS WOOD

NATURAL VENEER

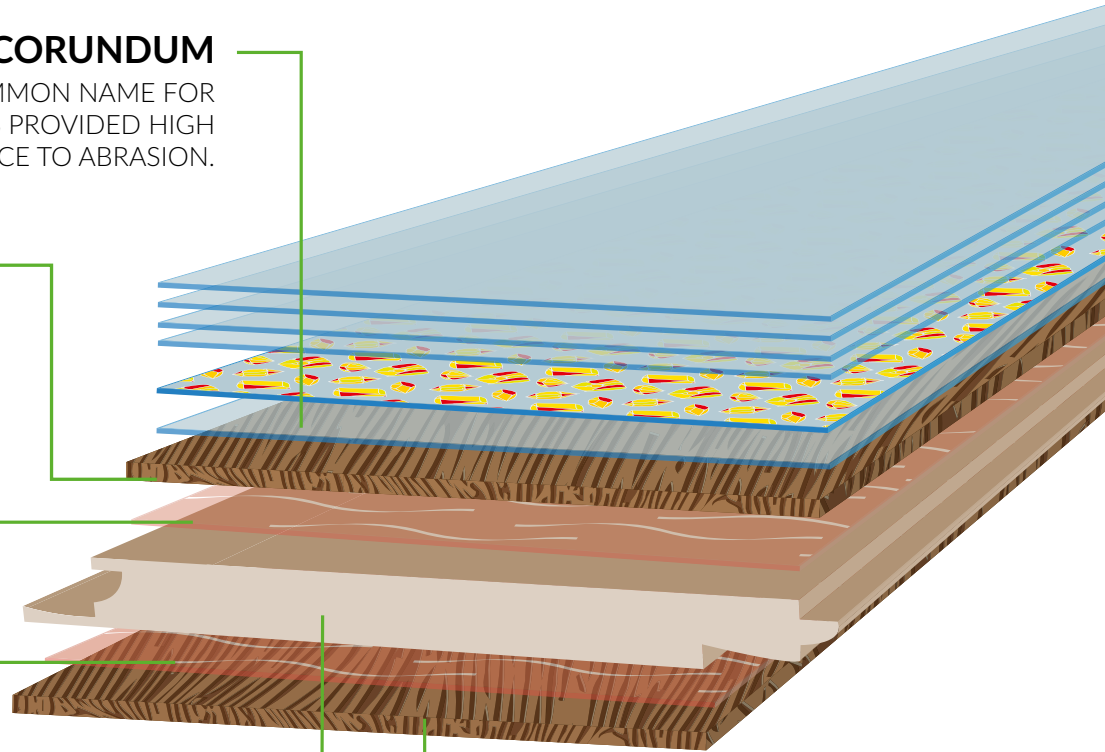
WATERPROOF GLUE

HDF

BOARD CREATED AS A RESULT OF WOOD MILLING AND THEN COMPRESSING IT ALONG WITH GLUES AND RESINS UNDER VERY HIGH PRESSURE (INCREASED RESISTANCE TO INDENTATIONS AND DAMPNES)

WOOD

NATURAL VENEER WHICH STABILIZES FLOORING





ELM, LUXURY COLLECTION

WOODEN FLOORINGS



Venifloor offers domestic and exotic types of wood in various types of finishings: varnished, oil-waxed, brushed

PRIME

Finish: UV varnish + CORUNDUM, 4-sided V-groove



WHITE BEECH



HEARTWOOD BEECH



CLASSIC OAK

More photos are available at www.venifloor.com





WHITE ASH



HEARTWOOD ASH



RUSTIC OAK

More photos are available at www.venifloor.com



RUSTIC OAK, PRIME COLLECTION

LUXURY

Finish: clear / colored UV varnish + CORUNDUM, 4-sided V-groove



IVORY OAK



CRYSTALLINE OAK



IVORY ASH



NOUGAT OAK



NOUGAT OAK, LUXURY COLLECTION

More photos are available at
www.venifloor.com





GOLDEN OAK



VINTAGE BROWN OAK



TOSCA OAK



EXTRA RUSTIC OAK



AMERICAN WALNUT



EUROPEAN WALNUT



ELM

More photos are available at www.venifloor.com



STYLE

Finish: clear / colored UV varnish + CORUNDUM + BRUSH, 4-sided V-groove



RUSTIC OAK (OAK NATUR), STYLE COLLECTION



CRYSTALLINE OAK (OAK PURE)



CLASSIC OAK (OAK GALA)



IVORY OAK (OAK BIANCO)



RUSTIC OAK (OAK NATUR)

More photos are available at www.venifloor.com



IVORY OAK (OAK BIANCO), STYLE COLLECTION

PRESTIGE

Finish: oil + BRUSH, 4-sided V-groove



CLASSIC OAK (ENGLISH OAK)



RUSTIC OAK (PROVENÇAL OAK)



RETRO OAK



NORWEGIAN OAK



SCANDINAVIAN OAK



GOTHIC OAK



MODERN OAK



GLAMOUR OAK



COLONIAL OAK



HAWAIIAN OAK



EXTRA RUSTIC OAK (THICKNESS 9,3 / 12,3 MM)



AMERICAN WALNUT

More photos are available at www.venifloor.com



AMERICAN WALNUT, PRESTIGE COLLECTION

REALIZATIONS – PRESTIGE COLLECTION



CLASSIC OAK (ENGLISH OAK), PRESTIGE COLLECTION



RUSTIC OAK (PROVENÇAL OAK),
PRESTIGE COLLECTION



HAWAIIAN OAK, PRESTIGE COLLECTION

More photos are available at www.venifloor.com



NORWEGIAN OAK, PRESTIGE COLLECTION



SCANDINAVIAN OAK, PRESTIGE COLLECTION

AVANT-GARDE

Finish: UV varnish + CORUNDUM, 4-sided V-groove / oil-wax, 4-sided V-groove



FRAKE



BAMBOO



MAKASSAR EBONY



MERBAU



INDIAN APPLE TREE



SATIN WALNUT



AMERICAN WALNUT



ROSEWOOD SANTOS



SAPELLI MAHOGANY



ROSEWOOD ELDORADO



ROSEWOOD SANTOS MODIFIED, AVANT-GARDE COLLECTION



ROSEWOOD SANTOS MODIFIED



ZEBRANO BIANCO

SPECIFICATION / GRADES OF WOOD

VENIFLOOR SPECIFICATION

Every wooden floor can be categorised as a specific type, which emphasizes its appearance and character. Different types feature the natural features of wood, such as: the presence of heartwood, knots, sapwood and the arrangement of the woodgrain as well as various other discolorations, all of which are natural features of wood that determining its beauty and uniqueness. The new generation of wooden floors are also available in several types, depending on which wood and veneer are used, which makes it easier to choose the right floor to suit your chosen interior style and your preferences. At the veneer production stage, Venifloor selects the types to be used in its three collections: **PREMIUM**, **LUXURY** and **AVANT-GARDE**.

The selection corresponds to the names of particular floors, so the Premium Collection includes: **Classic Oak** and **Rustic Oak**.

CLASSIC GRADE

Classical wood types — e.g. Classic Oak from the Prime Collection. It is selectively hardwood floor with any pattern of grain -simple, semi-vein or vein, with natural, variegated wood color with fine accents of knots and sporadically presented alburnum.

In exotic species, there may also be a floor with lively color variations, with stronger knots' accents and traces of hardwoods. In the case of hardwood species the floor has a subdued appearance, with possible alburnum, e.g. American Walnut. Natural color and texture, any growth rings' arrangement, acceptable single bright knots to an average diameter of 1 cm with small cracks, acceptable delicate alburnum, acceptable broad rays.

In the case of species like Elm or Ash, the floor has a lively color variation, with knots and traces of hardwood. For both, there is possible a gentle drawing of growth rings, but also stronger knot accents.



CLASSIC GRADE (AB)



RUSTIC GRADE (ABCD)

RUSTIC GRADE

Types of rustic wood — e.g. Rustic Oak from the Prime Collection. Rustic flooring is also offered in many oak colors. Very varied color and texture of the wood, strong colors, acceptable healthy / fused knots without restrictions with seasoned cracks, permissible core, edge defects treated with hard spatula, alburnum without restrictions. There may also be occasional boards without knots, with a characteristic drawing of the grain. Black and seasoned knots with an average diameter of up to 5 cm are also acceptable.

SELECT GRADE

A special variation of the grades mentioned CLASSIC GRADE.

The floor is sorted on customer's request in terms of color uniformity in a given batch of material, diameters and number of knots or possibly other visual parameters. It is carried out for an additional fee.

Parameters for additional payment in terms of the possibility of performance each time should be confirmed the Manufacturer.

Attention!

The presented features of grades may vary for different wood species. The data contained in this statement is for illustrative purposes only.



SELECT GRADE (A)

UNIQUE GRADE

It is selectively hardwood floor of RUSTIC GRADE

The floor is sorted on customer's request in terms of diameters and number of knots or possibly other visual parameters. It is carried out for an additional fee.

Parameters for additional payment in terms of the possibility of performance each time should be confirmed the manufacturer.



UNIQUE GRADE (CD)

SKIRTING BOARDS

Types of Venifloor skirting boards

The Venifloor offer includes wooden skirting boards (natural or tinted) as well as white skirting boards. Not only is the colour of the skirting important but also the shape. Venifloor offers various shapes of skirting boards from straight to rounded. The rounded skirting boards will be perfect for traditional design, whereas straight skirting boards will be suitable for both classical and modern design. By choosing the best model it is worth considering if the skirting boards match the colour of the floor, door frame or walls.

Functions of the skirting boards

Skirting boards are not only the final step of installing but they influence the aesthetics of the place as well.

They have also many vital functions. First, each skirting board covers a dilatant crack which is essential while installing because it protects from any humps. Another function is the protection. Skirting boards protect from dirt getting into the dilatant crack as well as dirt on the wall created while cleaning the floor. Moreover, skirting boards allow to hide cables. Don't wait for making your order, choose the products perfect for your house. Buy them in one of our Venifloor partner shops which you find on the website or in our online shop.

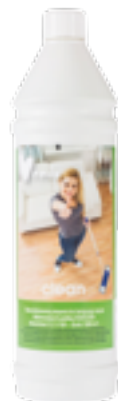


EXAMPLE OF A SKIRTING BOARD

MAINTENANCE ITEMS / ACCESSORIES



VENIX MAINTENANCE OF THE
LACQUERED FLOOR – PERIODICALLY



VENIX MAINTENANCE OF THE
LACQUERED FLOOR – EVERYDAY



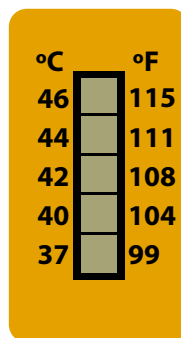
VENIX MAINTENANCE OF THE
OIL-WAXED FLOOR



WEDGES



HARD WAX



PROTECTIVE SEAL

FINISHINGS

Wear layer – UV oil-wax

The oil-wax applied layer consists of 2 or 3 layers giving a natural feel to the surface as well as enhanced natural grain and wood pores. It is worth paying attention to the presence of waxes, because remaining on the surface, they form a silky and abrasion resistant coating that prevents water and impurities from entering the wood.

Still, oiled boards require a little more care during cleaning rather than varnished boards; Use proper care and maintain the floor periodically. The advantage is the ability to repair a single scratch or damage without having to renovate the entire floor.

Wear layer – 6 layers of exceptionally resistant UV lacquer with CORUNDUM

The wear layer is the 6 layers of exceptionally resistant UV lacquer with Corundum which significantly extends the durability and life of the flooring.

It is not the wood that we walk on, thus, abrasion does not occur.

The floor can be easily repaired with hard waxes without the necessity to renew the whole flooring. In case of lacquer veneer Venifloor it is enough to renovate after a few years – sanding the wear layer and apply a new layer of varnish according to the Venifloor technology which is on the website.

All the details concerning the maintenance, installation and renovation are online: www.venifloor.com section “Maintenance items”.

INSTALLATION

IN GLUE SYSTEM



VENIX GLUE FOR INSTALLING
WOODEN FLOOR

- 1-COMPONENT HYBRID POLYURETHANE
ADHESIVE VENIX SINGLE SPU
- 2-COMPONENT POLYURETHANE
ADHESIVE VENIX DUO PU



VENIX PRIMER FOR INSTALLING
WOODEN FLOOR

- DISPERSION PRIMER VENIX PRIMING D
- DISPERSION PRIMER VENIX PRIMING FAST PU

All installation details can be found in the assembly instructions included with each package and at www.venifloor.com

FLOOR UNDERLAYS

Quartz underlay VENIX is a naturally material, in over 90% ecological, which is extremely rare in this type of underlays. It has the highest fire classification Bfl. It is safe, inflammable, odourless and chemically neutral. Thermal resistance of the underlay – $R=0,009 \text{ m}^2 \text{ K/W}$ – is one of the lowest. The underlay has very good acoustics parameters, about 26%.



VENIX QUARTZ-MINERAL UNDERLAY
FOR UNDERFLOOR HEATING – THICKNESS 2 MM



VENIX BASIC WOOD NATURE UNDERLAY
FROM WOOD SHAVINGS – THICKNESS 3 MM

All installation details can be found in the assembly instructions included with each package and at www.venifloor.com

TECHNICAL SUMMARY

BRINELL HARDNESS TEST: Flooring Venifloor is 114% harder than layered oak board.



Layered oak board
(36,5 N/mm²)



Venifloor oak board
(78,1 N/mm²)

Difference between Venifloor and oak could be comparable to difference between oak and pine.
*See more at: www.venifloor.com/en/products/venifloor-researches
The presented picture concerns only Oak and has a demonstrative character.

Technical summary

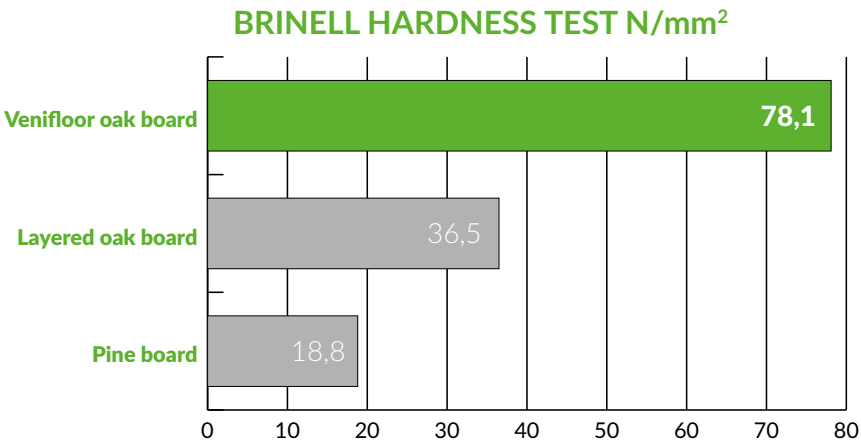
| | Pine board | Layered oak board | Venifloor oak board |
|---|------------------------|------------------------|------------------------|
| Hardness by static method Classification based on Brinell scale* | 18,8 N/mm ² | 36,5 N/mm ² | 78,1 N/mm ² |
| Resistance to hits by dynamic Poldi method** | — | 8,07 HB | 22,72 HB |

Sources:
*Technical University of Lodz, Department of Building Physics and Building Materials. Applies to oak floor with an oil-wax finish.
**Silesian University of Technology, Faculty of Biomedical Engineering

Hardness scale of wooden flooring materials by static method (Brinell)

Brinell hardness test measures force (N) required for making a basin of a steel ball (diameter: 10 mm) in wood sample. The obtained result is measured on the basis of the ball imprint's diameter which is received after unloading the sample.

This is one of the best tests to determine the strength of wood for indentations and use. Venifloor oak board could hold the pressure of 78,1 N – bigger then most of popular wooden floorings could hold.



Underfloor heating systems

The results of testing for the use of different flooring materials on the floor with underfloor heating shown that Venifloor flooring is the best in segment of wooden floorings. Values both of thermal conductivity factor and thermal resistance are far more profitable then the results of standard layered boards and, at the same time, almost as good as thermal parameters of ceramics.

Due to the increasing popularity of innovative solutions in the segment of energy-efficient construction, more and more people are choosing to mount the underfloor heating system, which ensures the right temperature in the colder months. These systems are much more efficient heating methods in comparison to conventional heating methods, so they enable cutting costs by up to 40%* and thereby reducing power consumption at home. In addition, underfloor heating system is beneficial to health

and quality of air in home (ionization) as opposed to air conditioning systems which cause artificial air circulation.

Venifloor flooring thanks to its high density and optimal thickness is one of those products that work best with underfloor heating systems – both water and electric.

*Estimated data available on viessmann.pl

| | Venifloor board 8,5 mm | Venifloor board 11,5 mm | Venifloor X board 10,5 mm | Venifloor X board 13,5 mm | Oak solid board 16 mm | Layered floor 15 mm |
|---|---------------------------|----------------------------|------------------------------|------------------------------|--------------------------|------------------------|
| Thermal resistance R [m²K/W] (lower result = better parameter) | 0,033 | 0,045 | 0,043 | 0,045 | 0,087 | 0,092 |
| Thermal conductivity λ [W/m²K] (higher result = better parameter) | 0,255 | 0,252 | 0,253 | 0,2549 | 0,184 | 0,1622 |

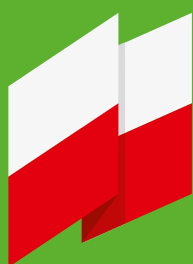
Development: D.Eng. Valerjan Romanovski, Warsaw University of Life Sciences – SGGW, Wood Technology Department.

*board with a layered structure - 3 mm wear layer (oak wood), 12 mm bottom layer (softwood).

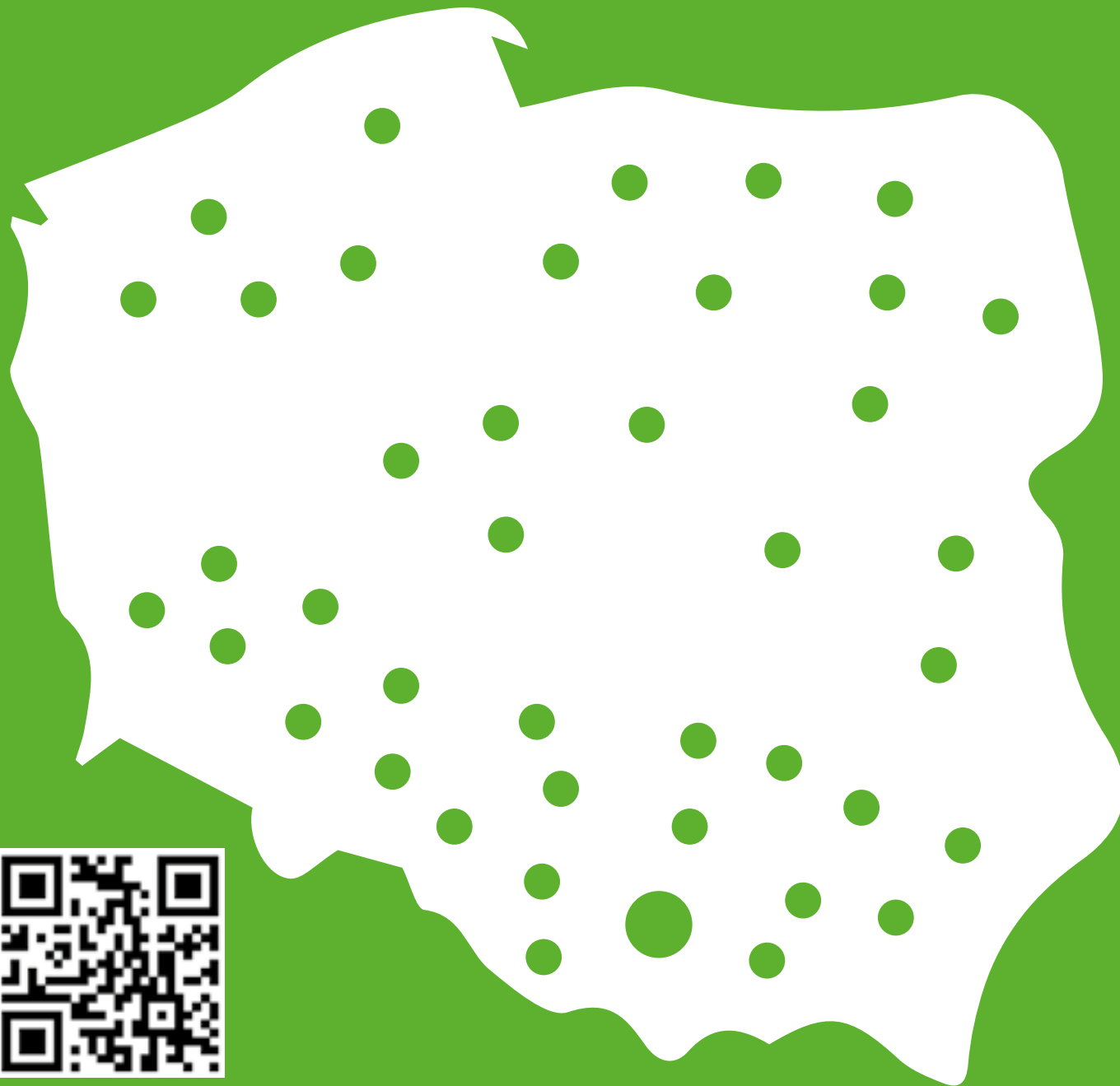
The results of laboratory tests as well as calculations and norms

| TEST | NORM | RESULTS |
|--|---------------------------|-------------|
| Resistance to hits (Poldi method) | PN-EN 1534:2011 | 22,72 HB |
| Hardness (Brinell method) ¹ | PN-EN 1534:2011 | 78,1 N/mm² |
| Fire classification | PN-EN 14342:2013-11 | Dfl-s1 |
| Anti-slippage | PN-EN 14342:2013-11 | 106 +/- 3% |
| Thermal resistance | PN-EN 12667 | 0,033 m²K/W |
| Thermal conductivity factor | PN-EN 12667 | 0,255 W/mK |
| Content of formaldehyde | PN-EN ISO 12460-3:2016-03 | E1 |
| Density of basing board (HDF) | EN 323 | ≥ 900 kg/m³ |
| Swelling of basing board after 24h | EN 317 | ≤ 10% |

¹Applies to oak floor with an oil-wax finish.



Polish Product



While the information provided in the template is compatible with the knowledge of the producer it may not be definitive.

The colours in the template may differ from the actual colours. The photos are for presentation purposes only.



wooden floorings – **NEW GENERATION**

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DISTRIBUTOR

