


TECH | WHOOD



CATALOGUE 2020

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About Venifloor

Eco friendly high quality natural wood floors at the price of Vinyl

Venifloor is a revolutionary high tech wood product, a conscious combination of proven technologies. Combining a super strong HDF board base with a thin layer of natural wood reinforced with 6 layers of varnish coat and Corundum (aluminum oxide) hardened with UV we achieved the ultimate wood floor.



Venifloor Benefits

Eco friendly high quality natural wood floors at the price of Vinyl

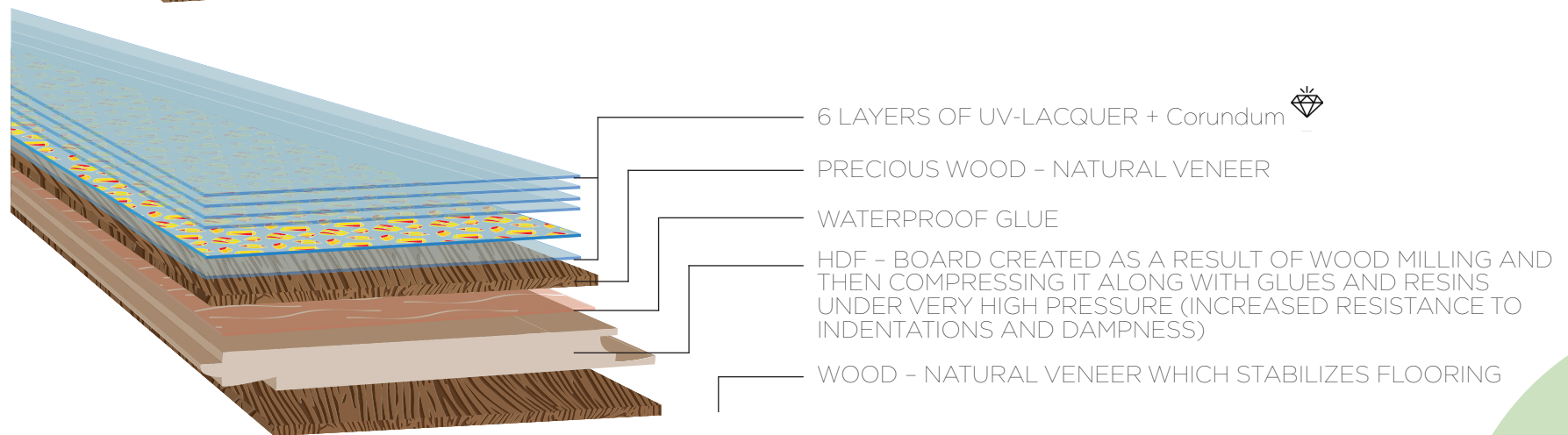
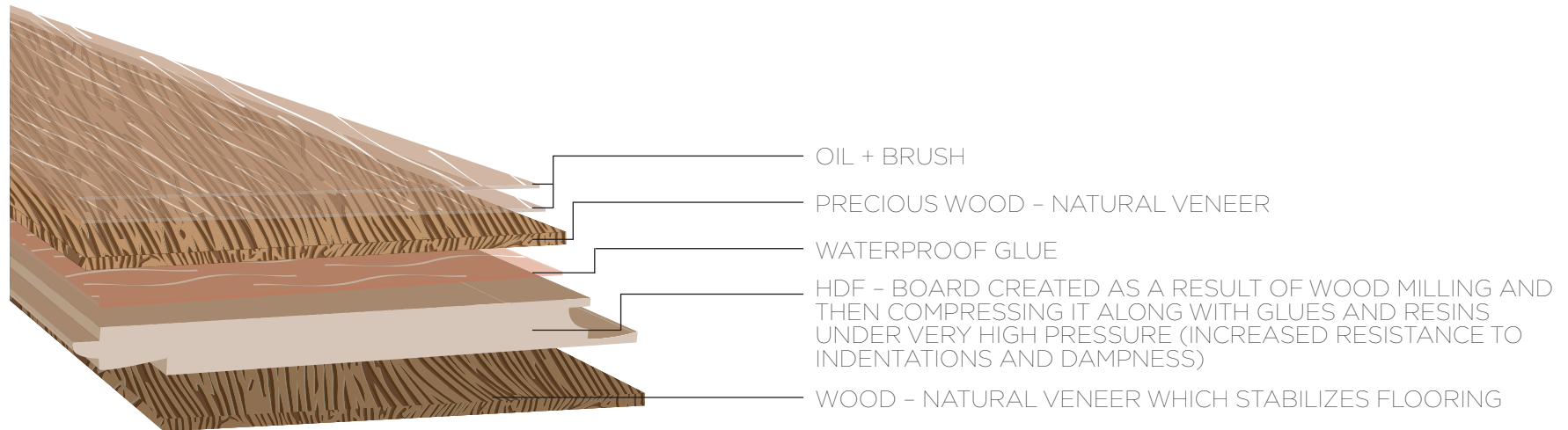
- Venifloor boards are 41% harder than solid oak boards
- HDF board is formed as a result of grinding wood, thanks to which it does not shrink. Compressing wood in this way, together with adhesives and resins, creates a high density product characterized by great durability and resistance to dents. In addition, the HDF boards used to produce Venifloor flooring have an increased resistance to moisture.
- Finished with oils, fast renovation
- In addition to the varnish layers, Venifloor flooring also has an oil-coated finish that increases resistance to changes in humidity and eases the maintenance.
- Venifloor floor boards are varnished with Corundum and hardened with UV light
- Venifloor floor boards have 6 UV-curing varnish coat layers that forms a protective layer for the boards.
- The corundum (aluminum oxide) added to the varnish significantly improves abrasion resistance.
- Venifloor has ideal parameters of thermal conductivity, thus it is suitable for underfloor heating
- Venifloor boards, thanks to an appropriate construction, can be successfully installed over underfloor heating. This new generation flooring does not deform under the influence of heat and has a satisfactory heat transfer coefficient – in the segment of wooden floors – ensures Venifloor boards both conduct and maintain the temperature.
- With Venifloor sanding is over. Tasks like sanding become history with the new generation of floor hardness + abrasion + price
- Thanks to the combination of appropriate components (ultra-strong HDF panel + resistant utility varnished / oiled layer), the new generation of boards eliminate all the disadvantages associated with troublesome renovations. Slight defects can be filled with special hot waxes; in the case of long-term use, one can use a one-day restoration system by Bona or re-application of the oil layer by Osmo
- Fast and convenient assembly without glue + intellectual property of Venifloor, OHIM patented system No. 002693481-00



- Thanks to the use of a fast assembly lock, the floor can be installed in almost the blink of an eye, conveniently and without the use of glue. The fast assembly lock used in this new generation flooring is the intellectual property of the Venifloor brand.
- Venifloor is an eco friendly solution. With just a 0,6mm natural hardened wood layer harvested in managed forests, Venifloor reduces substantially the use of wood thus help saving precious forests

- The production of boards made of dignified, species-rich wood from managed and certified forests goes hand in hand with the care for nature. Rationalizing and reducing unnecessary use of wood in the production of boards helps protection of forests, and thus favors care for the natural environment. With Venifloor flooring you will enjoy real wood on the floor and you will still have forests to walk through.
- Venifloors floor boards have 15 years warranty
- The solidity of the floor combined with a long-term warranty, it is our way to assure you have a reliable solution for your floors and that you are safeguarded in the long range
- Perceptible and visual natural warmth of wood
- The wood used in the production of Venifloor flooring is not only a visually attractive decorative element, but also provides the optimal thermal comfort associated with the natural warmth of wood;
- Venifloor boards are pleasant to the touch, and because they do not create the effect of a cold floor then walking barefoot is a real pleasure.
- Increased slip resistance
- Thanks to the use of high-quality varnishes and oils in the production of Venifloor flooring, as well as to the natural open-wood structure of the boards, the new generation of boards are characterized by anti-slip properties. As a result, using them is safe and a real pleasure.
- High end natural wood floors at an affordable price
- The price of veneer flooring is at the price level of a good laminate floor (PVC), and at the same time definitely much lower than the price of a solid board due to the lower consumption of precious wood. By using this method in the production of its boards, the Venifloor brand offers original wood at the price of a copy.
- The unique 21 cm width. 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-grout, which enhances its aesthetic qualities.

HOW TECHWHOOD BOARDS ARE MADE
 WIDTH 210 mm x LENGHT 2140 mm x THICKNESS 13 mm





TECH | WHOOD

Natural wood
Unique parameters
Good price
Easy montage
Possibility of renovation



BOARD

Natural wood
Possibility of renovation
High price



PVC PANEL

Easy montage
Copy of wood

PRIME COLLECTION

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



WHITE BEECH



HEARTWOOD BEECH



CLASSIC OAK



RUSTIC OAK



WHITE ASH



HEARTWOOD ASH

LUXURY COLLECTION

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



IVORY ASH



IVORY OAK



CRYSTALLINE OAK



NOUGAT OAK



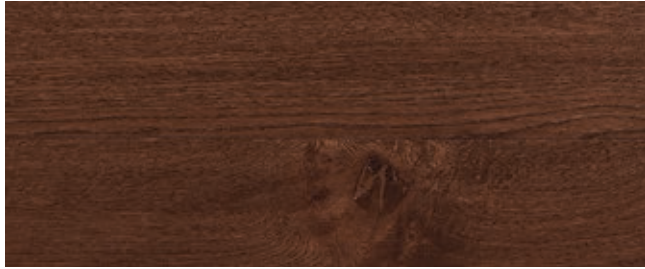
VINTAGE BROWN OAK



VINTAGE BROWN BEECH

LUXURY COLLECTION

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



TOSCA OAK



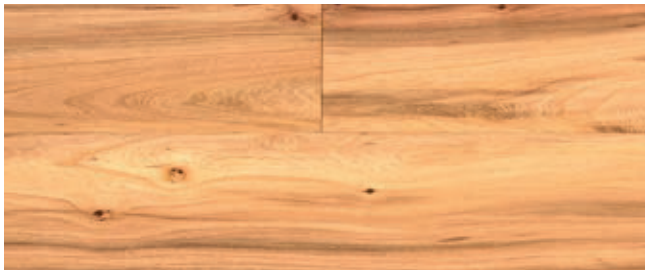
GOLDEN OAK



AMERICAN WALNUT



EUROPEAN WALNUT



ELM

PRESTIGE COLLECTION

Finish: Oil + Brush , 4-sided V-groove



ENGLISH OAK (CLASSIC OAK)



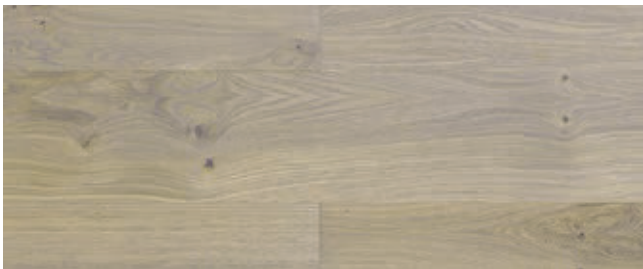
PROVENCAL OAK (RUSTIC OAK)



NORWEGIAN OAK



SCANDINAVIAN OAK



MODERN OAK



GLAMOUR OAK

PRESTIGE COLLECTION

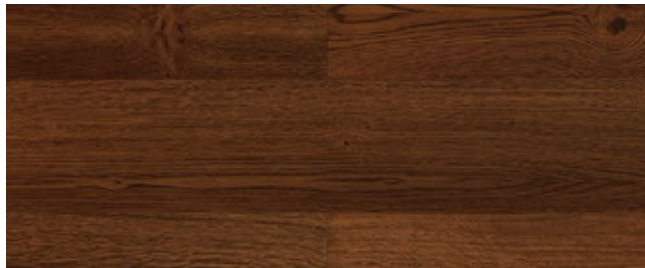
Finish: Oil + Brush , 4-sided V-groove



HAWAIIAN OAK



COLONIAL OAK



RETRO OAK



GOTHIC OAK



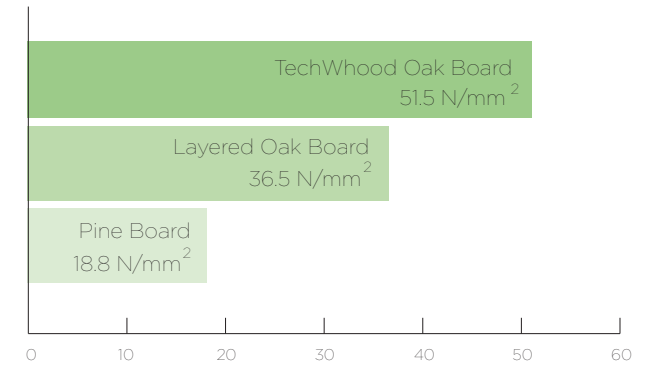
BEAM OAK (EXTRA RUSTIC OAK)



AMERICAN WALNUT

BRINELL HARDNESS TEST

Test	Pine board	Layered oak board	TECH WHOOD
Hardness by static method Classification based on Brinell scale*	18,8 N/mm ²	36,5 N/mm ²	51,5 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

**Silesian University of Technology, Faculty of Biomedical Engineering

Note: Flooring TechWhood Flooring is 41% harder than Layered Oak Board

HARD ARGUMENTS



WEAR LAYER:
 Oilwax + Brush or
 6 layers of UV-lacquers + CORUNDUM**



Possibility of installation on
 underfloor heating



Natural warmth of wood



Fast and comfortable installation
 Intellectual property of Rethink



Increased resistance to moisture
 HDF with increased water-resistance



Increased slippage resistance



ECO: protection of tree stands
 Rational usage of wood



Sanding/scraping turns into history
 Hardness + Abrasion + Non-arduous renovation + price



UNIQUE WIDTH 21 cm



Attractive price of wood



15 years of guarantee***

**Corundum – common name for aluminium oxides provided high resistance to abrasion

***For residential use

UNDERFLOOR HEATING SYSTEMS

Test	Layered Oak Board 16mm	TECH WOOD Board 8.5mm	Ceramics 10mm
Thermal resistance R [m ² K/W]	0.157	0.09	0.0876
Calculated thermal conductivity factor U [W/m K]	6.36	11.19	11,44

HARD ARGUMENTS

Test	Norm	Results
Resistance to hits (Poldi method)	PN-EN 1534:2011	22,72 HB
Hardness (Brinell method)	PN-EN 1534:2011	51,5 N/mm ²
Fire classification	PN-EN 14342:2013-11	Dfl -s1 (up to Bfl)
Anti-slippage	PN-EN 14342:2013-11	106 +/- 3%
Thermal resistance	PN-EN 1934	0,083 W/m ² K
Thermal conductivity factor	estimated data, based on PN-EN 14342:2013-11	0,111 W/mK
Content of formaldehyde	EN 13986 and PN-EN 14342:2013-11	E1
Density of basing board (HDF)	EN 323	≥ 900 kg/m ³
Swelling of basing board after 24h	EN 317	≤ 10%

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