

Woodcomfort



Charming Styles
with the comfort of cork

Nature at your feet



Cork is a natural material that comes from the bark of the cork oak tree, with unique and incomparable qualities that no ingenious human has yet managed to copy or improve. Its cell structure resembles a honeycomb, enabling it to act as a natural thermal and sound insulator and also providing shock absorbing properties.

These exclusive qualities of cork make it ideal to use in flooring, as it grants an exceptional comfort while also being a renewable and sustainable resource.



Over the years, Wicanders has developed floor and wall coverings with exclusive properties due to its innovative Corktech technology.

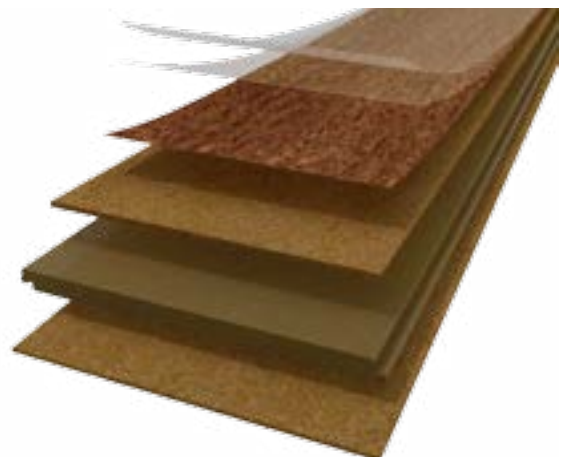
By using a unique engineered multilayer structure, which combines state of the art technology with the exclusive natural properties of cork, a higher standard in flooring was achieved, providing the perfect match between beauty, comfort and durability.

Woodcomfort floors owe their charming style to the real wood veneers with different designs that range from classic to extravagant visuals, embellishing any space with outstanding glamour and grace.

The uniqueness of **Wood**comfort floors was achieved by integrating a prime quality core layer of cork, which provides superior comfort, noise reduction and warmth. An integrated cork underlay reinforces thermal and acoustic properties, resulting in a silent environment and important energy cost savings.



- Protective wear layer
- Genuine wood veneer
- Agglomerated cork
Step sound reduction,
warmth & comfort
- High density fiberboard
- Insulating cork underlay
Impact sound reduction,
& thermal reinforcement



More than just a beautiful floor



More **silence**

Cork's natural properties make it an excellent sound absorber. **Wood**comfort floors reduce noise transmission between and within rooms, creating a quieter and peaceful environment.



More **warmth**

The unique thermal insulation features of cork provide an optimal floor temperature all year round, assuring a more warm and comfortable ambiance with energy cost savings.



More **walking comfort**

Woodcomfort floors are very comfortable to walk on due to cork's natural and inherent flexibility providing a unique comfort in movement. Even when walking barefoot, a sense of cosiness is felt.



More **body wellness**

Softer than hardwood and harder than carpets, the perfect mix to absorb heel strike impacts, relieving leg and back stress, but stable enough to help the foot impulse and decrease the walking fatigue.



More **impact resistance**

Woodcomfort floors have the ability to bounce back from hard impacts, which makes them very robust and increases the life span of the flooring.

Quiet & Comfortable

Improve quality of life

Natural & Conscious

The most sustainable wood flooring

Noble & Durable

The timeless beauty



Charming Styles
with the comfort of cork

The fusion of real wood with cork flooring



The timeless beauty, a trend that never ages.

The combination of the most natural materials such as wood and cork brings into your floor outstanding comfort and glamour without endangering the sustainability of your space.

The vibrant designs of **Woodcomfort** create the most diverse and surprising effects, adapted to each personality and lifestyle. Classic or extravagant, elegant or trendy, the combinations offer total freedom in the creation of tailor-made decorations.



HPS surface finish (High Performance Surface) has an extra hard wearing surface combined with Nano-Beads Technology, where extremely tiny beads are embedded in a top layer for improved properties such as scratch, slip, scuff and stain resistance. This finishing achieves a wear rating of 33 (according to ISO 10874) and has been developed not only for long lasting domestic areas but also to fit heavy traffic areas, such as commercial and public areas.

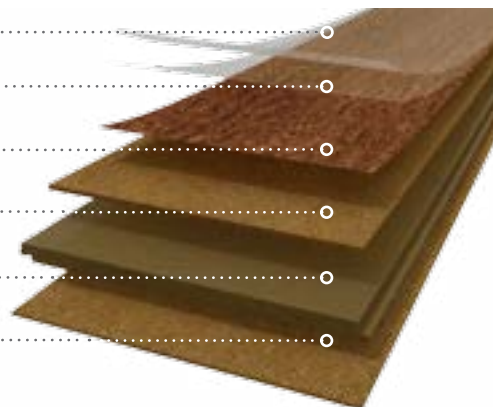


Floating solution

With the glueless Corkloc® installation system, simply put the planks together and securely click them into place. It is a very quick, safe and clean solution.

Available in the trendy format of 1220 x 140mm, with 4 sides micro-beveling.

HPS varnish	○
Easy maintenance & improved resistance	
Hard wearing surface 0,5mm	○
Wear resistance	
Genuine wood veneer 0,7mm	○
Decorative visual	
Agglomerated cork 2mm.....	○
Step sound reduction, warmth & comfort	
HDF - High Density Fiberboard with Corkloc® 6mm.....	○
Quick & easy installation	
Integrated cork underlay 2,8mm	○
Impact sound reduction & thermal reinforcement	

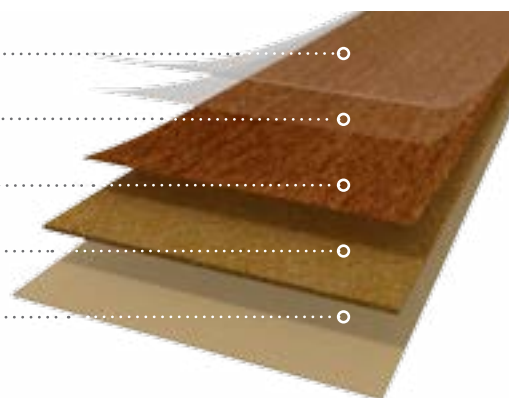


Glue down solution

The glue down solution with its 3,2mm thickness is ideal for renovation projects and provides superior comfort and minimal step-sound. It only requires the use of one side acrylic adhesive which saves time and reduces installation expenses.

Available in the elegant plank format of 900 x 150mm.

HPS varnish	○
Easy maintenance & improved resistance	
Hard wearing surface 0,5mm.....	○
Wear resistance	
Genuine wood veneer 0,7mm.....	○
Decorative visual	
Agglomerated cork 1,75mm.....	○
Step sound reduction, warmth & comfort	
Vinyl backing layer 0,25mm	○
Structural balancing layer	



Bright shades

Creating light and cosy spaces

The clean shades are the heritage of nowadays Nordic designs and decoration phenomenon, where the light always takes the leading role. The design is simple but elegant and its naturalness invites you to create pure and serene interiors.



Classic Beech



Classic Beech

W305007 - 1220 x 140 x 12mm | **Floating** HPS
W405002 - 900 x 150 x 3,2mm | **Glue down** HPS



Classic White Oak

W309006 - 1220 x 140 x 12mm | **Floating** HPS
W409001 - 900 x 150 x 3,2mm | **Glue down** HPS





Timeless **rustic light** shades give spaces a Scandinavian flair that will create cosy and relaxed atmospheres.



Oak Cappuccino

W3A1001 - 1220 x 140 x 12mm | **Floating** HPS

W4A1001 - 900 x 150 x 3,2mm | **Glue down** HPS



Oak Rustic

W3A7001 - 1220 x 140 x 12mm | **Floating** HPS

W4A7001 - 900 x 150 x 3,2mm | **Glue down** HPS



Reddish shades

Create warming and vivid spaces

The Reddish Shades are the perfect choice to create a warm and comfortable atmosphere with a touch of vitality and life.





Classic Cherry

W303007 - 1220 x 140 x 12mm | **Floating** HPS

W403002 - 900 x 150 x 3,2mm | **Glue down** HPS



Classic Red Oak

W304006 - 1220 x 140 x 12mm | **Floating** HPS

W404002 - 900 x 150 x 3,2mm | **Glue down** HPS



Classic Mahogany Light

W301007 - 1220 x 140 x 12mm | **Floating** HPS

W401002 - 900 x 150 x 3,2mm | **Glue down** HPS



Classic Mahogany Light

Dark shades

Radiate noble elegance and charm

Dark Shades will reinforce the noble character of your space in a charming and sophisticated atmosphere.



Classic Sucupira

W317007 - 1220 x 140 x 12mm | **Floating** HPS

W417002 - 900 x 150 x 3,2mm | **Glue down** HPS





Classic Walnut

W314007- 1220 x 140 x 12mm | **Floating** HPS

W414001 - 900 x 150 x 3,2mm | **Glue down** HPS



Oak Toffee

W3A5001 - 1220 x 140 x 12mm | **Floating** HPS

W4A5001 - 900 x 150 x 3,2mm | **Glue down** HPS



Ash Iron

W3B5002 - 1220 x 140 x 12mm | **Floating** HPS

W4B5001 - 900 x 150 x 3,2mm | **Glue down** HPS



Oak Coal

W3A3002 - 1220 x 140 x 12mm | **Floating** HPS

W4A3001 - 900 x 150 x 3,2mm | **Glue down** HPS



Classic Walnut



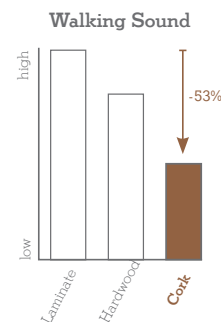
Why is Wicanders cork flooring the perfect choice?

More **silence**

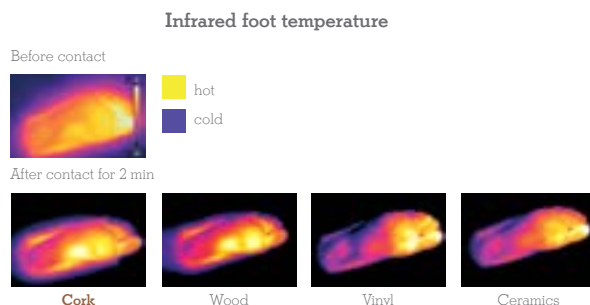
Thanks to the acoustic insulation provided by cork, Wicanders floors can easily cut noise within and between rooms.

Comparing the walking sound between cork and laminate floors, tests confirm that cork floors have an exceptional result reducing the sound up to 53%.

Study run by Entwicklungsund Prüflabor Holztechnologie gmbH (EPH) in Germany according to IHD-W 431.



More **warmth**



The natural thermal properties of cork make Wicanders floors very energy efficient, providing an optimal temperature all year round.

When testing foot temperature in contact with four different materials, cork floors stand out as being the best solution to retain heat.

Better than hardwood and by far better than vinyl or ceramic when it comes to avoid energy dispersion.

Study run by IBV biomechanical institute in Valencia, Spain.

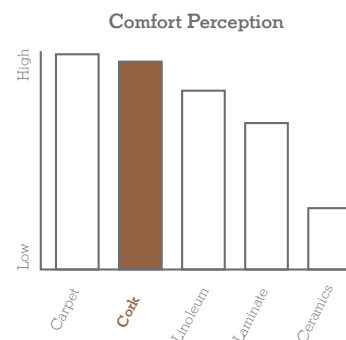
More **walking comfort**

Cork floors are very comfortable to walk on, due to cork's natural and inherent flexibility, providing a unique comfort in movement.

When testing the level of comfort perception of people walking for 45 minutes over five different materials, results show that Wicanders cork floors have a great outcome.

With high comfort perception, it outperforms linoleum, laminate and ceramic floors.

Study run by IBV biomechanical institute in Valencia, Spain.



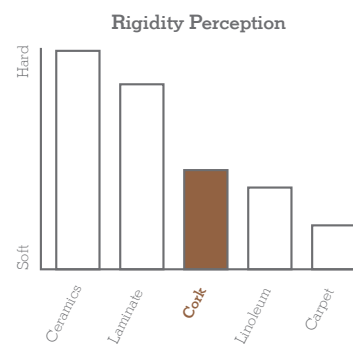


More **body wellness**

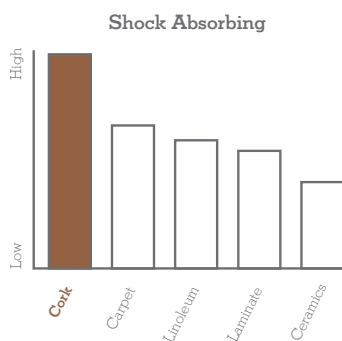
Wicanders floors are stable enough to avoid the leg and back stress that is generated by walking on too hard or too soft floors.

Softer than laminate and harder than carpets, Wicanders cork floors are the perfect mix to reduce heel strike impacts and related body tensions, but stable enough to help the foot impulse and provide the needed stability to reduce effort on walking and decrease body fatigue.

Study run by IBV biomechanical institute in Valencia, Spain.



More **impact resistance**



Due to cork's resilience and elasticity, Wicanders floors have the ability to bounce back from hard impacts.

Tests show that Wicanders cork floors have the highest shock absorbing performance.

When an object accidentally falls in a cork or in a laminate floor, different results come through.

Study run by IBV biomechanical institute in Valencia, Spain.



Fast & Easy Installation

Floating floors with Cork Loc® system are easier and faster to install. And in glue down floors there is no need to have a special subfloor preparation and only require the use of a unilateral glue, so they save time and reduce installation expenses.



Low & Easy Maintenance

The special surface finishing of Woodcomfort floors make them easier to clean and maintain.



Sustainable

Cork comes from the bark of the cork oak tree. It is removed from the trunk by hand without ever damaging the tree. Every year a new bark grows making it a renewable and sustainable resource.



Think green choose Wicanders®

Wicanders® is a truly sustainable brand! Produced by Amorim, it represents a unique balance between the creation of wealth and the protection of the environment. The starting point is a raw material that is extracted cyclically from the cork oak trees without ever damaging them. This raw material is then transformed into high value-added products while promoting the economic and social sustainability of areas at risk of desertification.

Several eco-efficiency studies, based on a comparative analysis with several other types of flooring, illustrate the excellent environmental performance of Wicanders® products and its manufacturing process. Besides the smaller amounts of energy and raw materials required for the manufacturing process, these products actively contribute to reducing global warming, not only through their low emissions, but also due to cork's natural property of retaining CO₂.

It is estimated that the Portuguese cork oak forest – montado – is responsible for retaining 5% of the country's annual CO₂ emission, representing 4.8 million tons per year.



Inspire purity

Having in mind health and environment concerns, Wicanders has developed a Phthalate Free solution for the HPS finishing. Phthalates are substances usually included in plasticizers, which with time can become harmful. By replacing them in the HPS finishing, Wicanders presents a greener and healthier solution that grants improved indoor air quality, while also maintaining the flexibility, transparency and durability of a high performance finish.



Greenguard Certification helps the identification of interior products and materials that have low chemical emissions, improving the quality of the air in which the products are used. It promotes global sustainability, environmental health, and safety.



As of January 2012, France has adopted regulations that limit total VOC emissions of building products. Manufacturers, selling their products in France must obtain a classification ranging from A+ (very low emissions) to C (high emissions). The declared goal is to improve indoor air quality in private/commercial buildings.



Global GreenTagCert™ is an independent certification and rating scheme for green products, recognized by the Green Building Councils of Australia and New Zealand. This certification also allows the products to be listed in the Ecospecifier Global eco-products.



Real Wood is a stamp developed by the European Federation of the Parquet Industry that helps distinguish real wood flooring from other types of flooring.

The importance of Cork Oak

The Cork Oak (*Quercus Suber* L.) is a tree belonging to the Oak family from which Cork is extracted. Its value is based not only on the products extracted from the tree, but on all of the agricultural, forest, pastoral and hunting activities that revolve around the cultivation of the Cork Oak.

Regular extraction of the Cork (a process called stripping) is a fundamental contribution for environmental, economic and social sustainability in the rural areas of the Mediterranean region where the Cork Oak may be found.

The Cork tree is a slow growing tree, which may live for 200 years, which allows it, on average, to be stripped 16 times during its lifetime. The first extraction of cork from the Cork Oak tree occurs only 25 years after planting, following which it is harvested in 9 year cycles, without ever damaging the tree in any way. This method allows the cork oak forest to fulfill its role of fixing CO₂, thus actively contributing to reduce global warming.

The Cork forest in Portugal (700.000 hectares), known as "Montado", is a typical Iberian Landscape which is key in supporting a natural bio-diversity, including some of the most endangered species in the world: Iberian Lynxes, Imperial Eagles, Black Storks, Wolves and Wild Bears.









**A
GIFT
FROM
NATURE**



Product Selector

	Woodcomfort Floating HPS	Woodcomfort Glue down HPS
Class of Use (ISO 10874)	42	42
Dimension (mm)	1220 x 140	900 x 150
Thickness (mm)	12	3,2
Beveling	4 sides micro beveling	No
Commercial Reference		
Classic Mahogany Light	W301007	W401002
Classic Cherry	W303007	W403002
Classic Red Oak	W304006	W404002
Classic Beech	W305007	W405002
Classic Walnut	W314007	W414001
Classic White Oak	W309006	W409001
Classic Sucupira	W317007	W417002
Oak Rustic	W3A7001	W4A7001
Oak Cappuccino	W3A1001	W4A1001
Oak Toffee	W3A5001	W4A5001
Oak Coal	W3A3002	W4A3001
Ash Iron	W3B5002	W4B5001

Technical Data Sheet

			Woodcomfort Floating HPS 1220 x 140 x 12mm	Woodcomfort Glue down HPS 900 x 150 x 3,2mm
Level of use Domestic	ISO 10874	Class	23 	23 
Level of use Commercial	ISO 10874	Class	33 	33 
Level of use Industrial	ISO 10874	Class	42 	42 
Finish Description			UV-cured Acrylic varnish with nano particles	
	Standard - Test Method	Unit	Specification	Specification
General properties - EN 655 + EN 14085 / EN 12104				
Dimensions Width: Length:	ISO 24342	mm	± 0,10% up to max. 0,5 mm max. 2,0 mm	≤ 0,13% up to 0,5mm max.
Overall thickness	ISO 24346	mm	± 0,25	± 0,20
Squareness	ISO 24342	mm	≤ 0,50	-
Straightness measured at the surface layer	ISO 24342	mm	≤ 0,30	-
Squareness and Straightness: Side length ≤ 400mm Side length > 400mm	ISO 24342	mm	-	≤ 0,25 ≤ 0,35
Thickness of agglomerated composition cork base	ISO 24340	mm	-	2,5
Thickness of polyvinylchloride backing (average)	ISO 24340	mm	-	(0,25mm) ± 10%
Wear layer density	ISO 23996	Kg/m³	Nominal value (1360) ± 50	Nominal value (1360) ± 50
Mass per unit area	ISO 23997	g/m²	Nominal value (9500) -10%; + 13%	Nominal value (2900) +13%; -10%
Dimensional stability (humidity)	EN 669 (Annex C)	%	≤ 5	-
Openings between panels	EN 14085 (Annex B)	mm	≤ 0,20	-
Height difference between panels	EN 14085 (Annex B)	mm	≤ 0,20	-
Flatness of the panel (Length - Concave / Convex)	EN 14085 (Annex A)	%	≤ 0,50 / ≤ 1,0	-
Flatness of the panel (Width - Concave / Convex)	EN 14085 (Annex A)	%	≤ 0,10 / ≤ 0,15	-
Curling after exposure to heat	ISO 23999	mm	-	≤ 6
Peel resistance	ISO 24345	N/50mm	-	≥ 35
Classification properties - EN 655 + EN 14085				
Wearing Group	EN 660-1	Thickness loos (Δ l mm)	Wear group T	Wear group T
Overall thickness	ISO 24346	mm	-	≥ 3,0
Thickness of wear layer (Wear Group T)	ISO 24340	mm (Nominal value)	≥ 0,5	≥ 0,5
Residual indentation	ISO 24343-1	mm	≤ 0,25	≤ 0,20
Castor chair	EN 425	Visual effect - after 25 000 cycles	No disturbance to the surface other than slight change in appearance and no delamination shall occur	No disturbance to the surface other than slight change in appearance and no delamination shall occur
Simulated movement of a furniture leg	EN 424	Visual effect	No damage shall be visible after testing with a type 2 foot	No damage shall be visible after testing with a type 2 foot
Safety properties - EN14041				
Fire resistance	EN 13501-1	Class	Bfl s1	Bfl s1
Slip Classification	EN 13893	Class	DS	DS
Formaldehyde emission	DIN EN 717-1	Class	E1	E1
Electrical behaviour	EN 1815	KV	Not Antistatic	Antistatic
Content pentachlorophenol (PCP)	CEN/TR 14823 (Ihd-W 409)	mg/Kg	PCP Free	PCP Free
Optional properties				
Stains Resistance	ISO 26987 (a)	Grade	Grade 0 (b)	Grade 0 (b)
Thermal resistance	EN 12667	(m²K)/W	0,098	0,024
Impact sound reduction	ISO 140-8	dB (Δ L _w)	14	8
Step sound / Step sound reduction	NF S 31 - 074	L _{n,e,w} (dB)/ΔE _{pw} (dB)	83	71/5 (c)
Gloss	Glossmeter (60°)	Degrees Gardner (°G)	12 ± 3°	12 ± 3°

(a) The following products were tested: Desinfectant, C2H5OH, NH4OH, Citric Acid, Iodine

(b) Grade 0 - Unchanged / Grade 1 - Very little change / Grade 2 - Little change / Grade 3 - Change / Grade 4 - Strong Change

(c) Slab with Woodcomfort glue down HPS reduces the step sound in 5dB when compared with the reference slab.



Produced by Amorim, the worldwide market leader in cork products, Wicanders matches nature's most pure values with avant-garde technologies to provide high quality, ecologic and stylish flooring. Wicanders has an unsurpassed reputation for developing high

standard and unique comfortable flooring solutions, following the latest decoration tendencies and targeting both residential and commercial market segments.

Wicanders is truly a sustainable brand!

www.wicanders.com



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