

Artcomfort



Designed by nature
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.

Artcomfort floors offer a range of very attractive and realistic visuals reproduced through RST optic image technology, which achieves highly impressive natural looks, making it a greener and natural solution when it comes to wood or stone reproductions.

The uniqueness of **Artcomfort** 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 finish
- Optical image layer
- 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. **Artcomfort** 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**

Artcomfort 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**

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

Strong & Warm

Feel a pleasant touch when walking on a comfortable stone floor

Noble & Conscious

The true sustainable wood flooring

Stylish & Comfortable

A cosy living with the freshness of a modern decor



Designed by nature
with the comfort of cork

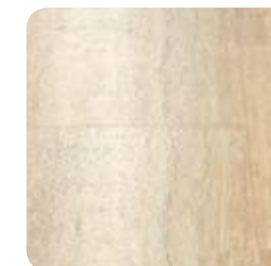
The realistic optical art in cork flooring

By blending natural cork with the latest optic image technology, Wicanders has achieved a higher standard in natural cork flooring. The Realistic Surface Technology allows a genuine and faithful reproduction of natural surfaces, resulting in extremely attractive and realistic visuals matched with the unique benefits of a cork floor.

Greener and more sustainable than most flooring solutions **Artcomfort** offers perfect stone, wood or even textile look floors, maintaining the added value of cork and its inherent advantages. It is now possible to experience the incredible comfort provided by cork, especially the thermal and the sound insulation with unlimited aesthetic options.



Developed by Amorim Revestimentos for Wicanders®, the Realistic Surface Technology (RST) is recognized as the new state of the art technology in what concerns to authentic and natural surface reproduction.



It is impressive how natural colors and nuances, grains and textures of natural materials are replicated on the flooring surfaces with such a high level of detail which was not known before.

RST technology was carefully developed to decrease enormously planks repetition. It is incredible, it does not allow a design repetition of each plank of less than 20 panels.

Floating solution

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

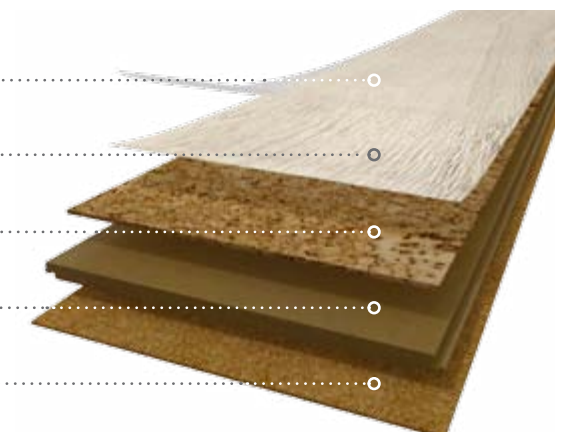
Protective finish
Easy maintenance & extra wear resistance

Optical image layer with RST
Decorative visual

Agglomerated cork 3,2mm
Step sound reduction, warmth & comfort

HDF - High Density Fiberboard with Corkloc® 6mm
Quick & easy installation

Integrated cork underlay 1,3mm
Impact sound reduction & thermal reinforcement

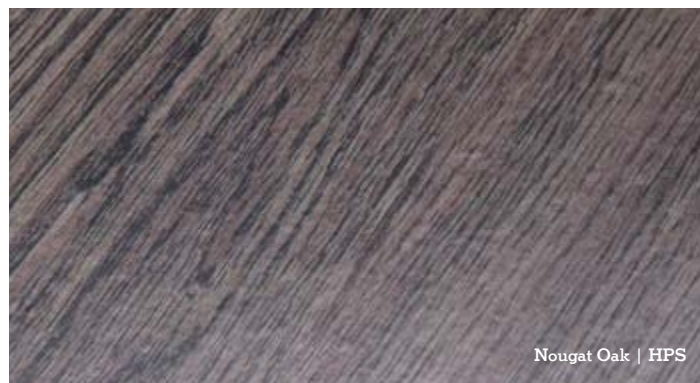


Wicanders' solutions for a perfect floor!

Different visual styles



FINISHINGS



HPS surface finish (High Performance Surface) has been specially developed for areas with heavy traffic, such as commercial, business or general public areas. This high performance finish 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.



NPC surface finish (Natural Power Coat) is the last innovation in varnished cork floors being suitable for the most demanding domestic areas and commercial areas with moderate traffic, achieving a class of 32 (ISO 10874) and AC6 (EN 13329). Due to its chemical reaction during the hot coating process it is extremely wear resistant and highly flexible. This green coat also has a very pleasant haptic, which emphasizes the warmth and natural structure of cork.

BEVELING



Micro Beveling - 4 sides

This micro beveling has a slight accentuation of the edges, giving a refined appearance to any space.



Beveling - 4 sides

With the 4 sides beveling, the format of each board is emphasized, creating a more rustic and distinct look.

SIZES



605 x 445 mm



905 x 295 mm



1220 x 185 mm



1830 x 185 mm



Travertine

The Expressive linear Travertine

With its cloudy tones Travertine is soft and delicate to look at, inspiring a relaxed and soothing feeling. It breathes spaciousness and is ideal to create tranquil and serene atmospheres.

The individual character of this stone, enhanced with a realistic aged effect, can be used with the earthy light beige colors, for a more soft and warm feeling; with the light grey colors for more casual formality looks; or with the dark grey tones to create more expressive and distinctive spaces.



Travertine Dune
D117001 - 605 x 445 x 10,5mm | **Floating** HPS - micro beveled
D817003 - 605 x 445 x 10,5mm | **Floating** NPC



Travertine Argent
D118001 - 605 x 445 x 10,5mm | **Floating** HPS - micro beveled
D818003 - 605 x 445 x 10,5mm | **Floating** NPC



Travertine Sterling
D119001 - 605 x 445 x 10,5mm | **Floating** HPS - micro beveled
D819003 - 605 x 445 x 10,5mm | **Floating** NPC





Marble

The noble beauty of Marble

Marble, with its classical timeless elegance, is ideal to create luxurious and bright atmospheres. This prestigious stone is available in two different visuals: the Marmor Carrara which veining shows superb tile toning and rich variation, and the Marmor Rosa which creates a smooth and charming look for interior decoration.



Marmor Carrara
D110001 - 605 x 445 x 10,5mm | Floating HPS - micro beveled
D810003 - 605 x 445 x 10,5mm | Floating NPC



Marmor Rosa
D109001 - 605 x 445 x 10,5mm | Floating HPS - micro beveled
D809003 - 605 x 445 x 10,5mm | Floating NPC



Marmor Carrara



Slate Arabic
 D114001 - 605 x 445 x 10,5mm | **Floating** HPS - micro beveled
 D814003 - 605 x 445 x 10,5mm | **Floating** NPC



Slate Aquarela
 D111001 - 605 x 445 x 10,5mm | **Floating** HPS - micro beveled
 D811003 - 605 x 445 x 10,5mm | **Floating** NPC



Slate Plata
 D112001 - 605 x 445 x 10,5mm | **Floating** HPS - micro beveled
 D812003 - 605 x 445 x 10,5mm | **Floating** NPC



Slate Chrome
 D113001 - 605 x 445 x 10,5mm | **Floating** HPS - micro beveled
 D813003 - 605 x 445 x 10,5mm | **Floating** NPC

Slate

The exotic and unique natural stone

The strong character of Slate allows the creation of rich and sophisticated interior looks. With an intense color variation, Slate can be rustic and romantic or sleek and refined. The warm light earthy colors of Slate Arabic exude charm and the warm colorful Slate Aquarela is perfect for modern atmospheres. The grey shades, with a huge variation of tones, are the best choice to create refined and elegant interiors.

Beton

The trendy architectural Beton

Beton is the best expression of the stylish minimalist decoration, which is very appreciated by interior designers.

Available with realistic and amazing textures, the dark Beton Ashen is the perfect choice for urban-chic interiors and the light and warm Beton Haze suits the more refined atmospheres.



Beton Haze
D115001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled
D815003 - 905 x 295 x 10,5mm | **Floating** NPC



Beton Ashen
D116001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled
D816003 - 905 x 295 x 10,5mm | **Floating** NPC





Prime European Cherry

Cherry

The warm and charming colors of Cherry

With its smooth texture, decorative grain and beautiful color play from golden brown to dark red, a Cherry floor brings a warm atmosphere to every room.

It is available in Prime European Cherry, with its natural luster, attractive grain and warm glow; in European Light Cherry with light pearl grey shades; and in Prime American Cherry with a close grain and a fine, even texture.



European Light Cherry

D125001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled
D825003 - 1220 x 185 x 10,5mm | **Floating** NPC



Prime European Cherry

D126001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled
D826003 - 1220 x 185 x 10,5mm | **Floating** NPC



Prime American Cherry

D127001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled
D827003 - 1220 x 185 x 10,5mm | **Floating** NPC
D827002 - 1220 x 185 x 10,5mm | **Floating** NPC - beveled



Prime European Walnut

Walnut

The exclusive and prestigious Walnut

The deep brown color and grain of Walnut veneer makes it an excellent choice to create distinctive and exclusive interiors.

It's available in the wide range of warm shades of Prime European Walnut and in the soft grain and rich dark color shades of Prime American Walnut.



Prime European Walnut

D128001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled
D828003 - 1220 x 185 x 10,5mm | **Floating** NPC
D828002 - 1220 x 185 x 10,5mm | **Floating** NPC - beveled



Prime American Walnut

D129001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled
D829003 - 1220 x 185 x 10,5mm | **Floating** NPC
D829002 - 1220 x 185 x 10,5mm | **Floating** NPC - beveled

Ash

The unique and glamorous character of Ash

Olive Ash is a highly valued veneer due to its unique colors and swirly grain patterns.

The surface structure, thanks to the natural embossing effect of cork, gives the feeling of being brushed, then chalked and finally softly sanded. Ash is available in very light blonde to cream-colored to a rich nutty brown.



Ferric Rustic Ash

D131001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled
D831004 - 1830 x 185 x 11,5mm | **Floating** NPC - beveled
D831003 - 1220 x 185 x 10,5mm | **Floating** NPC
D831002 - 1220 x 185 x 10,5mm | **Floating** NPC - beveled



Desert Rustic Ash

D132001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled
D832004 - 1830 x 185 x 11,5mm | **Floating** NPC - beveled
D832003 - 1220 x 185 x 10,5mm | **Floating** NPC
D832002 - 1220 x 185 x 10,5mm | **Floating** NPC - beveled



Coral Rustic Ash

D133001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled
D833003 - 1220 x 185 x 10,5mm | **Floating** NPC
D833002 - 1220 x 185 x 10,5mm | **Floating** NPC - beveled





Prime Rustic Oak



Prime Rustic Oak
D884001 - 1830 x 185 x 11,5mm | **Floating NPC** - beveled



Khaki Oak
D135001 - 1220 x 185 x 10,5mm | **Floating HPS** - micro beveled
D835003 - 1220 x 185 x 10,5mm | **Floating NPC**



Fox Oak
D137001 - 1220 x 185 x 10,5mm | **Floating HPS** - micro beveled
D837003 - 1220 x 185 x 10,5mm | **Floating NPC**



Nougat Oak
D134001 - 1220 x 185 x 10,5mm | **Floating HPS** - micro beveled
D834003 - 1220 x 185 x 10,5mm | **Floating NPC**
D834002 - 1220 x 185 x 10,5mm | **Floating NPC** - beveled

Oak

The sophisticated Oak

This noble wood, available in five interesting tonalities, is an everlasting trend, ideal to create graceful atmospheres with a vintage touch, varying from a rustic, organic appearance to a modern minimalist decoration.



Fox Oak



Blaze Oak
D136001 - 1220 x 185 x 10,5mm | **Floating HPS** - micro beveled
D836004 - 1830 x 185 x 11,5mm | **Floating NPC** - beveled
D836003 - 1220 x 185 x 10,5mm | **Floating NPC**
D836002 - 1220 x 185 x 10,5mm | **Floating NPC** - beveled

Saw cut Oak

The vintage Saw cut Oak

The Saw cut Oak veneer is ideal to create natural and rustic-chic atmospheres.

Three trendy stained Oak toning, with amazing embossing structure, create the vintage feeling for spaces full of personality.



Blizzard Carve Oak

D140001 - 1220 x 185 x 10,5mm | **Floating HPS** - micro beveled

D840003 - 1220 x 185 x 10,5mm | **Floating NPC**

D840002 - 1220 x 185 x 10,5mm | **Floating NPC** - beveled



Sierra Carve Oak

D139001 - 1220 x 185 x 10,5mm | **Floating HPS** - micro beveled

D839003 - 1220 x 185 x 10,5mm | **Floating NPC**

D839002 - 1220 x 185 x 10,5mm | **Floating NPC** - beveled



Sorrel Carve Oak

D138001 - 1220 x 185 x 10,5mm | **Floating HPS** - micro beveled

D838004 - 1830 x 185 x 11,5mm | **Floating NPC** - beveled

D838003 - 1220 x 185 x 10,5mm | **Floating NPC**

D838002 - 1220 x 185 x 10,5mm | **Floating NPC** - beveled





Pastel Rustic Pine



Prime Pine
 D120001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled
 D820003 - 1220 x 185 x 10,5mm | **Floating** NPC



Pastel Rustic Pine
 D123001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled
 D823004 - 1830 x 185 x 11,5mm | **Floating** NPC - beveled
 D823003 - 1220 x 185 x 10,5mm | **Floating** NPC
 D823002 - 1220 x 185 x 10,5mm | **Floating** NPC - beveled



Glacier Rustic Pine
 D122001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled
 D822003 - 1220 x 185 x 10,5mm | **Floating** NPC
 D822002 - 1220 x 185 x 10,5mm | **Floating** NPC - beveled



Metal Rustic Pine
 D121001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled
 D821004 - 1830 x 185 x 11,5mm | **Floating** NPC - beveled
 D821003 - 1220 x 185 x 10,5mm | **Floating** NPC
 D821002 - 1220 x 185 x 10,5mm | **Floating** NPC - beveled

Pine

The timeless and harmonious Pine

A Pine floor will transform any space with its soft patina and rich glow, creating a pure and serene atmosphere.

The everlasting appeal of Pine is available in an original natural finished look, and in three trendy proposals with a small rustic touch that makes them perfect for the more organic or minimalist interiors.



Prime Hickory

Zebrano

The stylish exotic wood

Zebrano is a beautiful rich wood for cool and contemporary interiors.

This trendy wood is presented in the original golden exclusive tones.



Prime Zebrano
 D124001 - 1220 x 185 x 10,5mm | **Floating HPS** - micro beveled
 D824003 - 1220 x 185 x 10,5mm | **Floating NPC**



Prime Zebrano

Hickory

The country casual Hickory

Country casual interiors are warm and inviting, with comfy furniture and neutral to rich shades, multitextured veneer floors.

Hickory offers up a sturdy, unpretentious look with a focus on total relaxation, which is perfect for cottage decor, ethnic or even shabby chic stylings.



Prime Hickory
 D130001 - 1220 x 185 x 10,5mm | **Floating HPS** - micro beveled
 D830003 - 1220 x 185 x 10,5mm | **Floating NPC**

Coco

Organic and refined look

Inspired in the elegant simplicity of the Coco line, this artistic expression of the 50's is available in two natural modern shades.



Coco Nut
D101001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled
D801003 - 905 x 295 x 10,5mm | **Floating** NPC



Coco Maize
D102001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled
D802003 - 905 x 295 x 10,5mm | **Floating** NPC

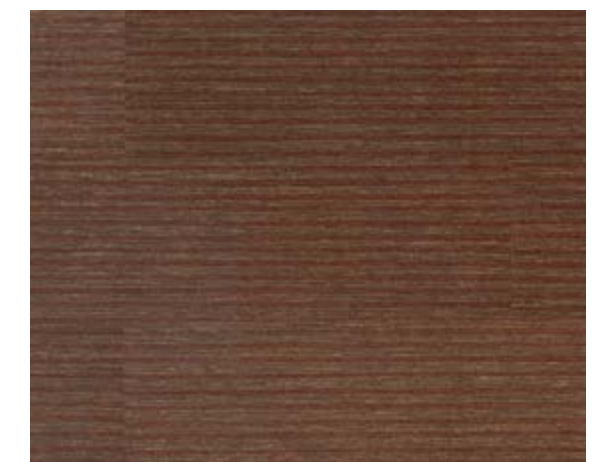
Tapis

The perfect blend of innovation with tradition

With a linear expression and natural color shades, the Tapis brings one original touch of fashion formalness into interior decors.



Tapis Clay
D104001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled
D804003 - 905 x 295 x 10,5mm | **Floating** NPC



Tapis Maroon
D103001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled
D803003 - 905 x 295 x 10,5mm | **Floating** NPC

Tuft

The warm and cosy Tuft

Inspired by the textile floor patterns and profiting from the natural textured structure of cork, Tuft visuals appeal to extremely cosy and comfortable interiors.



Tuft Camel
D105001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled
D805003 - 905 x 295 x 10,5mm | **Floating** NPC



Tuft Steam
D106001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled
D806003 - 905 x 295 x 10,5mm | **Floating** NPC





Aztec

Be inspired by the retro style

Flooring with a touch of 50's retro look can be very modern and even chic. The Aztec artistic expression, available in light zinc and dark grey shades, fits perfectly with the most urban trendy interiors.



Aztec Zinc
D107001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled
D807003 - 905 x 295 x 10,5mm | **Floating** NPC



Aztec Shale
D108001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled
D808003 - 905 x 295 x 10,5mm | **Floating** NPC



Why is Wicanders[®] cork flooring the perfect choice?

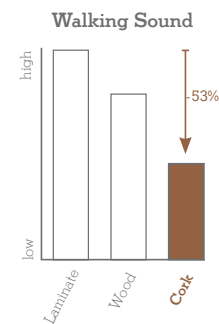


More **silence**

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

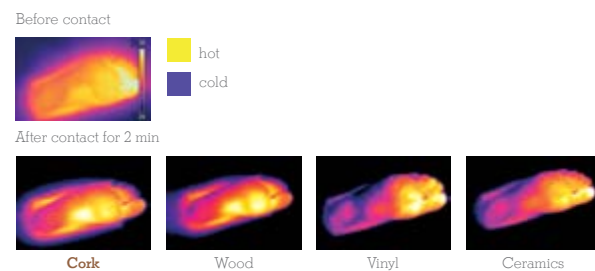
Comparing the walking sound between cork and laminate floors, tests confirm that cork floors have an exceptional result reducing the sound up to 53%.

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



More **warmth**

Infrared foot temperature



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

Study run by IBV biomechanical institute in Valencia, Spain.

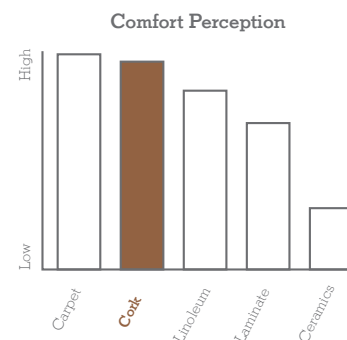
More **walking comfort**

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.

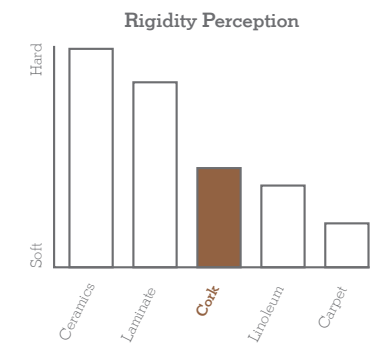


More **body wellness**

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

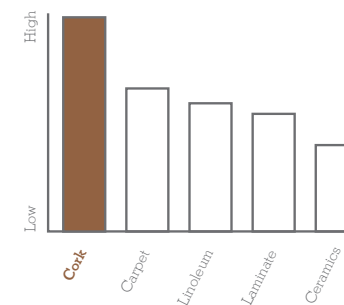
Softer than laminate and harder than carpets, Wicanders cork floors are the perfect mix to reduce heel strike impacts and related body tensions, but stable enough to help the foot impulse and provide the needed stability to reduce effort on walking and decrease body fatigue.

Study run by IBV biomechanical institute in Valencia, Spain.



More **impact resistance**

Shock Absorbing



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 CorkLoc[®] 2G system are easy and fast to install.

Low & Easy Maintenance

The special surface finishing of Artcomfort 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.



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.



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.

A GIFT FROM NATURE



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.



An Environmental Product Declaration is a verified document that reports environmental data of products based on life cycle assessment and other relevant information in accordance with the international standard ISO 14025.



The goal of the German Cork Association is to assure the quality of cork products, as well as the optimization of manufacturing processes and the support of research projects.







Eco Mark is a Japan Environment Association program that promotes environment-friendly lifestyles through wise product choices. This certification analyzes criteria for every product category taking into consideration the environment life stage.

Product Selector

	Artoomfort Floating NPC					Artoomfort Floating HPS		
	32	32	32	32	32	33	33	33
Class of Use (ISO 10874)	32	32	32	32	32	33	33	33
Dimension (mm)	1830 x 185	1220 x 185	1220 x 185	905 x 295	605 x 445	905 x 295	605 x 445	1220 x 185
Thickness (mm)	11,5	10,5	10,5	10,5	10,5	10,5	10,5	10,5
Beveling	No	No	4 sides	No	No	4 sides micro	4 sides micro	4 sides micro
Installation System	2G	2G	2G	2G	5G-C	2G	5G-C	2G
Commercial Reference								
Coco Nut				D801003		D101001		
Coco Maize				D802003		D102001		
Tapis Maroon				D803003		D103001		
Tapis Clay				D804003		D104001		
Tuft Camel				D805003		D105001		
Tuft Steam				D806003		D106001		
Aztec Zinc				D807003		D107001		
Aztec Shale				D808003		D108001		
Marmor Rosa					D809003		D109001	
Marmor Carrara					D810003		D110001	
Slate Aquarela					D811003		D111001	
Slate Plata					D812003		D112001	
Slate Chrome					D813003		D113001	
Slate Arabic					D814003		D114001	
Beton Haze				D815003		D115001		
Beton Ashen				D816003		D116001		
Travertine Dune					D817003		D117001	
Travertine Argent					D818003		D118001	
Travertine Sterling					D819003		D119001	
Metal Rustic Pine	D821004	D821003	D821002					D121001
Glacier Rustic Pine		D822003	D822002					D122001
Pastel Rustic Pine	D823004	D823003	D823002					D123001
Nougat Oak		D834003	D834002					D134001
Prime Rustic Oak	D884001							
Khaki Oak		D835003						D135001
Blaze Oak	D836004	D836003	D836002					D136001
Fox Oak		D837003						D137001
Prime Pine		D820003						D120001
Sorrel Carve Oak	D838004	D838003	D838002					D138001
Sierra Carve Oak		D839003	D839002					D139001
Blizzard Carve Oak		D840003	D840002					D140001
Ferric Rustic Ash	D831004	D831003	D831002					D131001
Desert Rustic Ash	D832004	D832003	D832002					D132001
Coral Rustic Ash		D833003	D833002					D133001
Prime Zebrano		D824003						D124001
European Light Cherry		D825003						D125001
Prime European Cherry		D826003						D126001
Prime American Cherry		D827003	D827002					D127001
Prime European Walnut		D828003	D828002					D128001
Prime American Walnut		D829003	D829002					D129001
Prime Hickory		D830003						D130001

Technical Data Sheet

	Artoomfort Floating			
	NPC		HPS	
Level of use Domestic	ISO 10874	Class	23 	23 
Level of use Commercial	ISO 10874	Class	32 	33 
Surface Finishing			Polyurethane moisture-curing	UV-cured Acrylic varnish with nano particles
	Standard- Test Method	Unit	Specification	Specification
General Properties EN 14085 + EN 12104 + EN 655 + EN 14041				
Dimensions - Rectangular panels: Width Length	ISO 24342	% mm	± 0,10 with max. 0,5 mm max. 2,0	± 0,10 with max. 0,5 mm max. 2,0
Overall thickness	ISO 24346	Average mm Individual values mm	Nominal ± 0,25 Maximum deviation from the average ± 0,30	Nominal ± 0,25 Maximum deviation from the average ± 0,30
Squareness Straightness measured at the surface layer	ISO 24342	mm	≤ 0,50 ≤ 0,30	≤ 0,50 ≤ 0,30
Flatness of the panel Length: Concave / convex Width: Concave / convex	EN 14085 Annex A	%	≤ 0,50 / ≤ 1,0 ≤ 0,10 / ≤ 0,15	≤ 0,50 / ≤ 1,0 ≤ 0,10 / ≤ 0,15
Openings between panels Average Individual values	EN 14085 Annex B	mm	≤ 0,15 ≤ 0,20	≤ 0,15 ≤ 0,20
Height difference between panels Average Individual values	EN 14085 Annex B	mm	≤ 0,15 ≤ 0,20	≤ 0,15 ≤ 0,20
Dimensional variation caused by changes in atmospheric humidity	EN 14085 Annex C / EN 669	%	≤ 5	≤ 5
Thickness of top cork surface	ISO 24346	mm	≥ 3	3,1
Peel Resistance N/50 mm Average Individual values	ISO 24345	N/50 mm		> 35 > 25
Wearing Group	EN 660-1	Thickness loss (mm)		≤ 0,08 ; Group T
Mass per unit area	ISO 23997	g/m ²	8000 +/-10%	8700 +13% -10%
Apparent density Average Individual values	EN 672	Kg/m ³	≥ 760 ≥ 95% nominal value	825+/- 50
Classification properties - EN 14085 + EN 12104				
Castor chair	EN 425	Visual effect after 25 000 cycles	No disturbance to the surface other than slight change in appearance and no delaminating shall occur	No disturbance to the surface other than slight change in appearance and no delaminating shall occur
Simulated movement of a furniture leg	EN 424	Visual effect	No damage shall be visible when tested with foot type 2	No damage shall be visible when tested with foot type 2
Thickness swelling floor panel	ISO 24336	%	≤ 18	≤ 18
Residual indentation	ISO 24343-1	mm	≤ 0,3	≤ 0,2
Safety properties - EN 14041				
Fire resistance	EN13501-1	Class	Cl 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	Not Antistatic
Content pentachlorophenol (PCP)	CEN/TR 14823 (Ihd-W 409)	mg/Kg	PCP Free	PCP Free
Optional properties				
Stain Resistance	EN 438 (a)	Grade		Grade 5 = No visible change
	ISO 26987 (b)	Grade	Grade 0 = unchanged (c)	
Light fastness	ISO 105-B02	Blue wool scale		≥ 6
	EN 15187	Blue wool scale	> 6	
Abrasion Resistance	EN 14354 Annex D	Revolutions Wt		-
	EN 13329 EN 14354	Class	AC6 WR3	
Thermal resistance	EN 12667	(m ² K)/W	R ≤ 0.15 (m ² K)/W (d)	R ≤ 0.15 (m ² K)/W (d)
Impact sound reduction	ISO 140-8	dB (Δ Lw)	18	18
Step sound/ Step sound reduction	NF S 31 - 074	L n,e,w (dB)/ΔE _{spw} (dB)	86/3 (e)	86/3 (e)
Walking noise	IHD - w431	dB (A)	Reduction improvement 12dB Difference of loudness 47,5%	Reduction improvement 11,1 dB (A) Difference of loudness 53,3%

(a) The following products were tested: Acetone, Coffee, NaOH, H₂O₂ at 3%, Black shoe cream

(b) The following products were tested: Disinfectant, benzene, ammonium (NH₄OH), ethanol (C₂H₅OH), citric acid, iodine

(c) Grade 0 - Unchanged / Grade 1 - Very little changes. With ethanol we got grade 1 after 2 hours.

(d) Suitable for floor heating systems, according to German Federal Association Radiant Panel Heating

(e) Slab with Artoomfort floating HPS/NPC reduces in 3dB the step sound 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!



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