

**Art**comfort



**Designed by nature**  
with the comfort of cork

Nature at your feet



### **Excellence in flooring**

Amorim Revestimentos, the worldwide market leader of cork flooring, places nature on the starting point for a better future, investigating and creating flooring solutions that, without affecting the environment, ensure a higher quality of life.

Being present in more than 51 countries, Amorim Revestimentos' International flooring portfolio and brands, are known throughout the world as pioneers in creating top-quality, ground-breaking solutions.

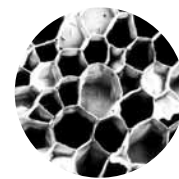
Wicanders®, Amorim Revestimentos' premium brand, has been producing flooring since 1868, always inspired on nature's most pure values and using avant-garde technologies to provide high quality, ecologic and stylish flooring.

Wicanders® has an unsurpassed reputation for providing high standard and unique comfortable flooring solutions, following the latest decoration tendencies and targeting both residential and commercial market segments.

### **Cork - A truly nature's miracle!**

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. Cork is ideal in terms of the ever increasing demand for conservation of natural resources.

It has unique and incomparable qualities which no ingenious human has yet managed to copy or improve. Cork is made of 40 millions cells per cm<sup>2</sup> resembling a "honeycomb structure" which protects the tree from weather temperatures sharp changes. Each cell functions as a miniature natural thermal insulator and also provides above standard sound insulation and shock absorber properties.



Microscopic photo of cork

The exclusive natural qualities of cork make it ideal to use in flooring as it reduces sound, provides an optimal floor temperature throughout the year and is comfortable to walk on.



# The essence of cork flooring

## OPTIMAL FLOOR TEMPERATURE

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



## NATURAL NOISE ABSORBER

Cork's natural properties make it an excellent sound absorber. It reduces noise transmission between and within rooms, creating a quieter and peaceful environment in your home.



## EASY TO WALK ON

The cork floor is very comfortable to use due to its natural and inherent flexibility. It is very pleasant to touch, even with bare feet, and stable enough to decrease fatigue and provide a unique comfort in movement.



## A HEALTHY CHOICE

Cork's shock absorbing characteristics relieve strain on your feet, joints, legs and back and prevent injuries when falling. Besides that cork has also anti-bacterial qualities that make it an allergy friendly floor.



## ENDURING BEAUTY

Cork cells are also extremely crush-resistant. Cork has natural memory and will bounce back from hard impacts, retaining its elasticity. These properties combined with an extra wear resistance surface, create a very durable floor, preserving a perfect look for many years to come.



# Artcomfort

The essence of a beautiful space is a beautiful floor. However, when choosing a floor, it is also important to consider other factors that improve the quality of life such as daily comfort, durability and sustainability.

Based in the most sustainable product that Mother Nature has given us – Cork, Wicanders® is proud to introduce a new flooring generation that fulfill all those needs - the remarkable **Artcomfort** product line.

## 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

# A new level of realism was achieved!

## The amazing Realistic Surface Technology

For the first time, the art of blending the natural embossing of cork with the latest optic image technology allows to achieve a new level of nature reproduction.



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.

All **Art**comfort designs are exclusive and protected by copyright.

### Protective finish

Provides an easy maintenance and an extra wear resistance

### Optical image layer

Image layer with Realistic Surface Technology (non fading)

### Flexible and insulating cork layer

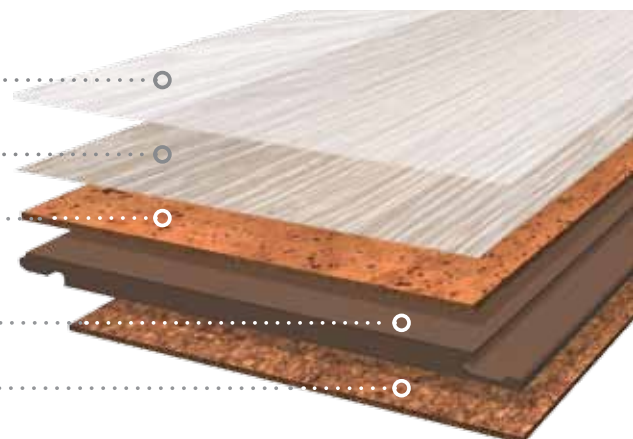
For an improved embossing surface and excellent thermal and acoustical insulation with walking comfort properties.

### HDF - high density fibreboard

Provides a quick&easy installation system

### Integrated insulating cork underlay

For acoustical and thermal properties reinforcement



Be enchanted by one of the **best floor** in the world!

With this new technology it is now possible to offer perfect stones, woods or even textile look floors, but yet maintaining all the unique advantages of a natural real cork floor, especially when it comes to thermal insulation, sound reduction and sustainability.

# Wicanders' solutions for a perfect floor!

## 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. 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.



**Xtreme WRT surface finish** (Wear Resistance Technology) is the right choice to fit the most demanding needs of domestic areas. This environmental friendly varnish is based on a ceramic compound which ensures exceptional strength and longevity.

# Different visual styles



## 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.

# 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 a more casual formalness 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

D817001 - 605 x 445 x 10,5mm | **Floating** WRT



### Travertine Argent

D118001 - 605 x 445 x 10,5mm | **Floating** HPS - micro beveled

D818003 - 605 x 445 x 10,5mm | **Floating** NPC

D818001 - 605 x 445 x 10,5mm | **Floating** WRT



### Travertine Sterling

D119001 - 605 x 445 x 10,5mm | **Floating** HPS - micro beveled

D819003 - 605 x 445 x 10,5mm | **Floating** NPC

D819001 - 605 x 445 x 10,5mm | **Floating** WRT







# 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 smooth and charming look for interior decoration.



Marmor Carrara



### Marmor Carrara

D110001 - 605 x 445 x 10,5mm | **Floating** HPS - micro beveled

D810003 - 605 x 445 x 10,5mm | **Floating** NPC

D810001 - 605 x 445 x 10,5mm | **Floating** WRT



### Marmor Rosa

D109001 - 605 x 445 x 10,5mm | **Floating** HPS - micro beveled

D809003 - 605 x 445 x 10,5mm | **Floating** NPC

D809001 - 605 x 445 x 10,5mm | **Floating** WRT



Slate Plata

## 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.



**Slate Arabic**

D114001 - 605 x 445 x 10,5mm | **Floating** HPS - micro beveled

D814003 - 605 x 445 x 10,5mm | **Floating** NPC

D814001 - 605 x 445 x 10,5mm | **Floating** WRT



**Slate Aquarela**

D111001 - 605 x 445 x 10,5mm | **Floating** HPS - micro beveled

D811003 - 605 x 445 x 10,5mm | **Floating** NPC

D811001 - 605 x 445 x 10,5mm | **Floating** WRT



**Slate Plata**

D112001 - 605 x 445 x 10,5mm | **Floating** HPS - micro beveled

D812003 - 605 x 445 x 10,5mm | **Floating** NPC

D812001 - 605 x 445 x 10,5mm | **Floating** WRT



**Slate Chrome**

D113001 - 605 x 445 x 10,5mm | **Floating** HPS - micro beveled

D813003 - 605 x 445 x 10,5mm | **Floating** NPC

D813001 - 605 x 445 x 10,5mm | **Floating** WRT

# 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 suites 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

D815001 - 905 x 295 x 10,5mm | **Floating** WRT



### Beton Ashen

D116001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled

D816003 - 905 x 295 x 10,5mm | **Floating** NPC

D816001 - 905 x 295 x 10,5mm | **Floating** WRT







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

D825001 - 1220 x 185 x 10,5mm | **Floating** WRT



#### Prime European Cherry

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

D826003 - 1220 x 185 x 10,5mm | **Floating** NPC

D826001 - 1220 x 185 x 10,5mm | **Floating** WRT



#### 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

D827001 - 1220 x 185 x 10,5mm | **Floating** WRT





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

D828001 - 1220 x 185 x 10,5mm | **Floating** WRT



#### 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

D829001 - 1220 x 185 x 10,5mm | **Floating** WRT

# 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  
D831003 - 1220 x 185 x 10,5mm | **Floating** NPC  
D831002 - 1220 x 185 x 10,5mm | **Floating** NPC - beveled  
D831001 - 1220 x 185 x 10,5mm | **Floating** WRT



### Desert Rustic Ash

D132001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled  
D832003 - 1220 x 185 x 10,5mm | **Floating** NPC  
D832002 - 1220 x 185 x 10,5mm | **Floating** NPC - beveled  
D832001 - 1220 x 185 x 10,5mm | **Floating** WRT



### 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  
D833001 - 1220 x 185 x 10,5mm | **Floating** WRT







# Oak

## The sophisticated Spessart Oak

We present the first class selection of Spessart Oak, the most magnificent Oak in the world.

This noble wood, available in four interesting tonalities, is known for its very fine tight-grained texture or structure, with a perfect shiny straw to light tan color.



### 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  
D834001 - 1220 x 185 x 10,5mm | **Floating** WRT



### Khaki Oak

D135001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled  
D835003 - 1220 x 185 x 10,5mm | **Floating** NPC  
D835001 - 1220 x 185 x 10,5mm | **Floating** WRT



### Blaze Oak

D136001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled  
D836003 - 1220 x 185 x 10,5mm | **Floating** NPC  
D836002 - 1220 x 185 x 10,5mm | **Floating** NPC - beveled  
D836001 - 1220 x 185 x 10,5mm | **Floating** WRT



### Fox Oak

D137001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled  
D837003 - 1220 x 185 x 10,5mm | **Floating** NPC  
D837001 - 1220 x 185 x 10,5mm | **Floating** WRT

# 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  
D840001 - 1220 x 185 x 10,5mm | **Floating** WRT



### 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  
D839001 - 1220 x 185 x 10,5mm | **Floating** WRT



### Sorrel Carve Oak

D138001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled  
D838003 - 1220 x 185 x 10,5mm | **Floating** NPC  
D838002 - 1220 x 185 x 10,5mm | **Floating** NPC - beveled  
D838001 - 1220 x 185 x 10,5mm | **Floating** WRT











#### Prime Pine

- D120001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled
- D820003 - 1220 x 185 x 10,5mm | **Floating** NPC
- D820001 - 1220 x 185 x 10,5mm | **Floating** WRT



#### Pastel Rustic Pine

- D123001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled
- D823003 - 1220 x 185 x 10,5mm | **Floating** NPC
- D823002 - 1220 x 185 x 10,5mm | **Floating** NPC - beveled
- D823001 - 1220 x 185 x 10,5mm | **Floating** WRT



#### 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
- D822001 - 1220 x 185 x 10,5mm | **Floating** WRT



#### Metal Rustic Pine

- D121001 - 1220 x 185 x 10,5mm | **Floating** HPS - micro beveled
- D821003 - 1220 x 185 x 10,5mm | **Floating** NPC
- D821002 - 1220 x 185 x 10,5mm | **Floating** NPC - 4 sides beveling
- D821001 - 1220 x 185 x 10,5mm | **Floating** WRT

# 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

D824001 - 1220 x 185 x 10,5mm | **Floating** WRT



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

D830001 - 1220 x 185 x 10,5mm | **Floating** WRT

# 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 Maize



### Coco Nut

D101001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled

D801003 - 905 x 295 x 10,5mm | **Floating** NPC

D801001 - 905 x 295 x 10,5mm | **Floating** WRT



### Coco Maize

D102001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled

D802003 - 905 x 295 x 10,5mm | **Floating** NPC

D802001 - 905 x 295 x 10,5mm | **Floating** WRT

# 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 Maroon



## Tapis Clay

D104001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled  
D804003 - 905 x 295 x 10,5mm | **Floating** NPC  
D804001 - 905 x 295 x 10,5mm | **Floating** WRT



## Tapis Maroon

D103001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled  
D803003 - 905 x 295 x 10,5mm | **Floating** NPC  
D803001 - 905 x 295 x 10,5mm | **Floating** WRT

# 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

D805001 - 905 x 295 x 10,5mm | **Floating** WRT



### Tuft Steam

D106001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled

D806003 - 905 x 295 x 10,5mm | **Floating** NPC

D806001 - 905 x 295 x 10,5mm | **Floating** WRT









# 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

D807001 - 905 x 295 x 10,5mm | **Floating** WRT



### Aztec Shale

D108001 - 905 x 295 x 10,5mm | **Floating** HPS - micro beveled

D808003 - 905 x 295 x 10,5mm | **Floating** NPC

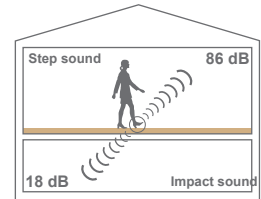
D808001 - 905 x 295 x 10,5mm | **Floating** WRT

# Why are Wicanders® cork floors the **perfect choice**?

## Acoustical properties - **Sound reduction**

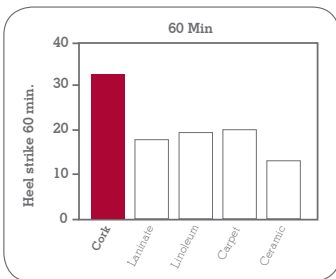


Wicanders® cork floors are exceptionally efficient to use whenever noise reduction is critical, or desired. Cork is an extremely efficient natural sound absorber, cutting noise within a room when someone walks on the floor (step sound) and even acting as a noise buffer between the floor and the rooms underneath (impact sound).



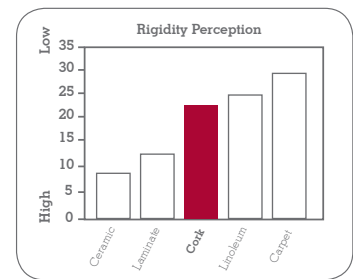
## Biomechanical Properties - **Physical comfort**

### Impacts/ Shock Absorbing



Wicanders® cork floors are very comfortable to use due to cork natural and inherent flexibility. Softer than wood and harder than carpets, the perfect mix to reduce heel strike impacts, relieving leg and back stress, but stable enough to help the foot impulse, reducing the walking effort and decreasing fatigue.

### Rigidity/ Fatigue

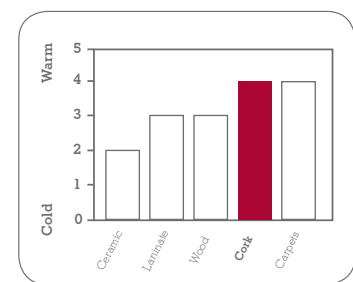


## Thermal Properties - **Warmth**



The natural thermal insulation properties of cork make Wicanders® floors very energy efficient, providing a pleasant touch, even with bare feet, and an optimal floor temperature all year round which contributes to the overall comfort.

### Thermal Comfort





### Healthy

Cork floors come with surface finishes that put a stop to entrapped dirt, germs or fungus, thus actively contributing to a healthy and hygienic environment.



### Impact resistant

Due to the unique cork structure and flexibility, cork floor surface has the ability to “bounce” back from impacts, making it more durable and resistant than hard surface floors, like wood or tiles.



### Low & Easy Maintenance

The special surface finishes of Cork floors make them easier to clean and maintain.



### Fast&Easy Installation

Floating floors with locking system 2G and 5G-C are easier and faster to install. Saves time and reduces installation expenses.



### 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 CO<sub>2</sub>.

It is estimated that the Portuguese cork oak forest – montado – is responsible for retaining 5% of the country's annual CO<sub>2</sub> 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 CO<sub>2</sub>, 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

	Artcomfort Floating WRT			Artcomfort Floating NPC				Artcomfort Floating HPS		
Class of Use (EN ISO 10874)	31	31	31	32	32	32	32	33	33	33
Dimension (mm)	905 x 295	605 x 445	1220 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)	10,5	10,5	10,5	10,5	10,5	10,5	10,5	10,5	10,5	10,5
Beveling	No	No	No	No	4 sides	No	No	4 sides micro	4 sides micro	4 sides micro
Installation System	2G	5G-C	2G	2G	2G	2G	5G-C	2G	5G-C	2G
<b>Commercial Reference</b>										
Coco Nut	D801001					D801003		D101001		
Coco Maize	D802001					D802003		D102001		
Tapis Maroon	D803001					D803003		D103001		
Tapis Clay	D804001					D804003		D104001		
Tuft Camel	D805001					D805003		D105001		
Tuft Steam	D806001					D806003		D106001		
Aztec Zinc	D807001					D807003		D107001		
Aztec Shale	D808001					D808003		D108001		
Marmor Rosa		D809001					D809003		D109001	
Marmor Carrara		D810001					D810003		D110001	
Slate Áquarela		D811001					D811003		D111001	
Slate Plata		D812001					D812003		D112001	
Slate Chrome		D813001					D813003		D113001	
Slate Arabic		D814001					D814003		D114001	
Beton Haze	D815001					D815003		D115001		
Beton Ashen	D816001					D816003		D116001		
Travertine Dune		D817001					D817003		D117001	
Travertine Argent		D818001					D818003		D118001	
Travertine Sterling		D819001					D819003		D119001	
Metal Rustic Pine			D821001	D821003	D821002					D121001
Glacier Rustic Pine			D822001	D822003	D822002					D122001
Pastel Rustic Pine			D823001	D823003	D823002					D123001
Nougat Oak			D834001	D834003	D834002					D134001
Khaki Oak			D835001	D835003						D135001
Blaze Oak			D836001	D836003	D836002					D136001
Fox Oak			D837001	D837003						D137001
Prime Pine			D82001	D82003						D120001
Sorrel Carve Oak			D838001	D838003	D838002					D138001
Sierra Carve Oak			D839001	D839003	D839002					D139001
Blizzard Carve Oak			D840001	D840003	D840002					D140001
Ferric Rustic Ash			D831001	D831003	D831002					D131001
Desert Rustic Ash			D832001	D832003	D832002					D132001
Coral Rustic Ash			D833001	D833003	D833002					D133001
Prime Zebrano			D824001	D824003						D124001
European Light Cherry			D825001	D825003						D125001
Prime European Cherry			D826001	D826003						D126001
Prime American Cherry			D827001	D827003	D827002					D127001
Prime European Walnut			D828001	D828003	D828002					D128001
Prime American Walnut			D829001	D829003	D829002					D129001
Prime Hickory			D830001	D830003						D130001

# Technical Data Sheet

			Artcomfort WRT	Artcomfort NPC	Artcomfort HPS
Level of use Domestic	EN ISO 10874	Class	23	23	23
Level of use Commercial	EN ISO 10874	Class	31	32	33
Surface Finishing			UV-cured Acrylic varnish with ceramic beads	Polyurethane moisture-curing	UV-cured Acrylic varnish with nano particles
<b>General Properties</b> EN 14085 + EN 12104 + EN 655 + EN 14041	<b>Standard- Test Method</b>	<b>Unit</b>	<b>Specification</b>	<b>Specification</b>	<b>Specification</b>
Dimensions - Rectangular panels: Width Length	EN ISO 24342	% mm	± 0,10 with max. 0,5 mm max. 2,0	± 0,10 with max. 0,5 mm max. 2,0	± 0,10 with max. 0,5 mm max. 2,0
Overall thickness	EN 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	Nominal ± 0,25 Maximum deviation from the average ± 0,30
Squareness Straightness measured at the surface layer	EN ISO 24342	mm	≤ 0,50 ≤ 0,30	≤ 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	≤ 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	≤ 0,15 ≤ 0,20
Height difference between panels Average Individual values	EN 14085 Annex B	mm	≤ 0,15 ≤ 0,20	≤ 0,15 ≤ 0,20	≤ 0,15 ≤ 0,20
Dimensional variation caused by changes in atmospheric humidity	EN 14085 Annex C / EN 669	%	≤ 5	≤ 5	≤ 5
Thickness of top cork surface	EN ISO 24346	mm	3,1	≥ 3	3,1
Peel Resistance N/50 mm Average Individual values	EN ISO 24345	N/50 mm	> 35 > 25		> 35 > 25
Wearing Group	EN 660-1	Thickness loss (mm)			≤ 0,08 ; Group T
Mass per unit area	EN ISO 23997	g/m <sup>2</sup>	8000 -/+10%	8000 -/+10%	8700 +13% -10%
Apparent density Average Individual values	EN 672	Kg/m <sup>3</sup>	≥ 760 ≥ 95% nominal value	≥ 760 ≥ 95% nominal value	825+/- 50
<b>Classification properties - EN 14085 + EN 12104</b>					
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	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	No damage shall be visible when tested with foot type 2
Thickness swelling floor panel	EN ISO 24336	%	≤ 18	≤ 18	≤ 18
Residual indentation	EN ISO 24343-1	mm	≤ 0,4	≤ 0,3	≤ 0,2
<b>Safety properties - EN 14041</b>					
Fire resistance	EN 13501-1	Class	Dfl s1	Cfl s1	Bfl s1
Slip Classification	EN 13893	Class	DS	DS	DS
Formaldehyde emission	DIN EN 717-1	Class	E1	E1	E1
Electrical behaviour	EN 1815	KV	Not Antistatic	Not Antistatic	Not Antistatic
Content pentachlorophenol (PCP)	CEN/TR 14823 (Ihd-W 409)	mg/Kg	PCP Free	PCP Free	PCP Free
<b>Optional properties</b>					
Stain Resistance	EN 438 (a)	Grade	Grade 5 = No visible change		Grade 5 = No visible change
	ISO 26987 (b)	Grade		Grade 0 = unchanged (c)	
Light fastness	EN ISO 105-B02	Blue wool scale	≥ 6		≥ 6
	EN 15187	Blue wool scale		> 6	
Abrasion Resistance	EN 14354 Annex D	Revolutions Wt	≥ 7000		--
	EN 13329 EN 14354	Class		AC6 WR3	
Thermal resistance	EN 12667	(m <sup>2</sup> K)/W	R ≤ 0.15 (m <sup>2</sup> K)/W (d)	R ≤ 0.15 (m <sup>2</sup> K)/W (d)	R ≤ 0.15 (m <sup>2</sup> K)/W (d)
Impact sound reduction	ISO 140-8	dB (Δ Lw)	18	18	18
Step sound/ Step sound reduction	NF S 31 - 074	L <sub>n,e,w</sub> (dB)/ΔE <sub>pw</sub> (dB)	86/3 (e)	86/3 (e)	86/3 (e)

(a) The following products were tested: Acetone, Coffee, NaOH, H<sub>2</sub>O<sub>2</sub> at 3%, Black shoe cream  
(b) The following products were tested: Disinfectant, benzene, ammonium (NH<sub>4</sub>OH), ethanol (C<sub>2</sub>H<sub>5</sub>OH), citric acid, iodine  
(c) Grade 0 - Unchanged / Grade 1 - Very little change. 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 Artcomfort floating WRT/HPS/NPC reduces in 3dB the step sound when compared with the reference slab.



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