

**Art**comfort



**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.

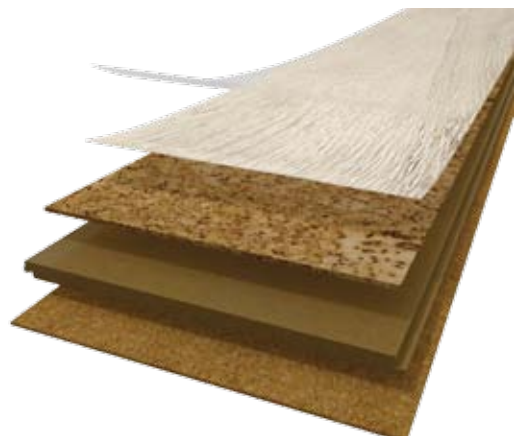
By using a unique engineered multilayer structure, which combines state of the art technology with the exclusive natural properties of cork, a higher standard in flooring was achieved, providing the perfect match between beauty, comfort and durability.

**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 wood 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 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 and wood 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 the repetition of planks. It is incredible, since it does not allow a design repetition of each plank in 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.

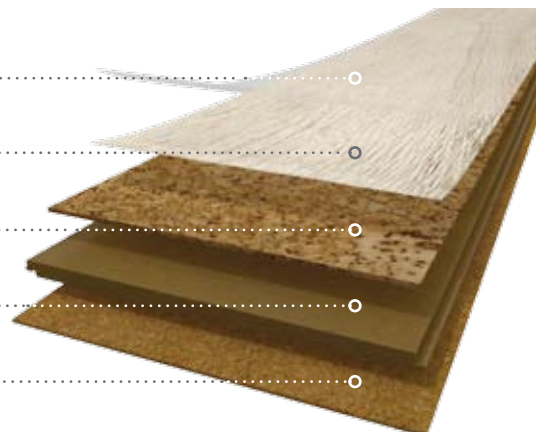
**Protective finish** .....  
Easy maintenance & extra wear resistance

**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!**

## Format

605 x 445 mm  
23 13/16 x 17 1/2"



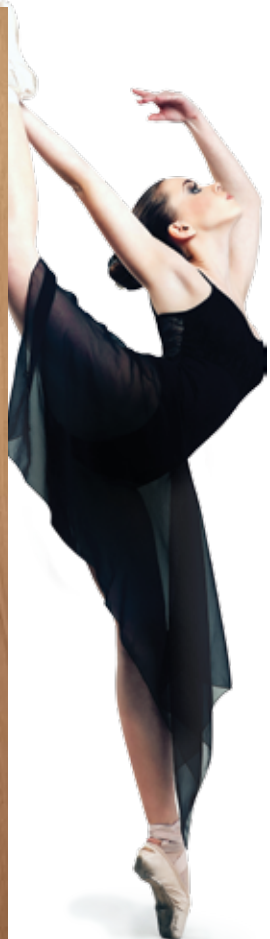
905 x 295 mm  
35 5/8 x 11 5/8"



1220 x 185 mm  
48 x 7 1/4"



1830 x 185 mm  
72 x 7 1/4"



## Beveling

### 4 sides Beveling



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

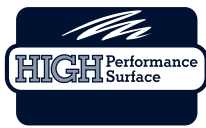
### 4 sides Micro Beveling



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



## Finishings



Home



Commercial



Ferric Rustic Ash | HPS

**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.



Home

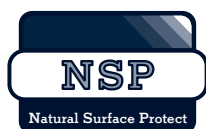


Commercial



Platinum Chalk Oak | NPC

**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.



Home



Inspired Ash | NSP

**NSP surface finish** (Natural Surface Protect) is a green coat applied by a hot coating process which results in a highly resilient and natural finishing. With its high resilience it is appropriate for domestic use, presenting an incredible natural texture which makes it especially pleasant to walk on.

# Travertine

## The Expressive linear Travertine

With its cloudy tones Travertine is soft and delicate, 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 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 - 4 sides micro beveling  
D817003 - 605 x 445 x 10,5mm | **Floating** NPC



**Travertine Argent**

D118001 - 605 x 445 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
D818003 - 605 x 445 x 10,5mm | **Floating** NPC



**Travertine Sterling**

D119001 - 605 x 445 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
D819003 - 605 x 445 x 10,5mm | **Floating** NPC









Marmor Carrara

# 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 Rosa

D109001 - 605 x 445 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
D809003 - 605 x 445 x 10,5mm | **Floating** NPC



### Marmor Carrara

D110001 - 605 x 445 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
D810003 - 605 x 445 x 10,5mm | **Floating** NPC





Limestone Cream

# Limestone

## The grandeur of a rustic stone

The timeless Limestone has a distinct rustic appearance thanks to its shade nuances and deep pores. In cream color, it can suit both classic and contemporary interiors, giving a majestic atmosphere to any room



**Limestone Cream**

D191001 - 905 x 295 x 10,5mm | **Floating** HPS - 4 sides micro beveling

D891001 - 905 x 295 x 10,5mm | **Floating** NPC





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 - 4 sides micro beveling  
D814003 - 605 x 445 x 10,5mm | **Floating** NPC



**Slate Aquarela**

D111001 - 605 x 445 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
D811003 - 605 x 445 x 10,5mm | **Floating** NPC



**Slate Plata**

D112001 - 605 x 445 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
D812003 - 605 x 445 x 10,5mm | **Floating** NPC



**Slate Chrome**

D113001 - 605 x 445 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
D813003 - 605 x 445 x 10,5mm | **Floating** NPC

# 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 - 4 sides micro beveling

D815003 - 905 x 295 x 10,5mm | **Floating** NPC



### Beton Ashen

D116001 - 905 x 295 x 10,5mm | **Floating** HPS - 4 sides micro beveling

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





# Metal

## **The exceptional allure of a metallic visual**

This collection replicates the fascinating glow of metals like copper or iron. The soft reflection and aged appearance give it a peculiar charm that resembles an industrial style, making it a perfect match for modern urban interiors like city lofts and contemporary apartments.





#### Metal Cosmic

D189001 - 905 x 295 x 10,5mm | **Floating** HPS - 4 sides micro beveling

D889001 - 905 x 295 x 10,5mm | **Floating** NPC



Metal Bronze



#### Metal Bronze

D190001 - 905 x 295 x 10,5mm | **Floating** HPS - 4 sides micro beveling

D890001 - 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 its natural luster, with an attractive grain and warm glow.



**Prime European Cherry**

D126001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
D826003 - 1220 x 185 x 10,5mm | **Floating** NPC

# 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 - 4 sides micro beveling

D830003 - 1220 x 185 x 10,5mm | **Floating** NPC







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 - 4 sides micro beveling

D828003 - 1220 x 185 x 10,5mm | **Floating** NPC

D828002 - 1220 x 185 x 10,5mm | **Floating** NPC - 4 sides beveling



#### Prime American Walnut

D129001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling

D829003 - 1220 x 185 x 10,5mm | **Floating** NPC

D829002 - 1220 x 185 x 10,5mm | **Floating** NPC - 4 sides beveling

# 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 a very light blonde, a cream color and a rich nutty brown.



### Ferric Rustic Ash

D831004 - 1830 x 185 x 11,5mm | **Floating** NPC - 4 sides beveling  
D131001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
D831003 - 1220 x 185 x 10,5mm | **Floating** NPC  
D831002 - 1220 x 185 x 10,5mm | **Floating** NPC - 4 sides beveling



### Desert Rustic Ash

D832004 - 1830 x 185 x 11,5mm | **Floating** NPC - 4 sides beveling  
D132001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
D832003 - 1220 x 185 x 10,5mm | **Floating** NPC  
D832002 - 1220 x 185 x 10,5mm | **Floating** NPC - 4 sides beveling



### Coral Rustic Ash

D133001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
D833003 - 1220 x 185 x 10,5mm | **Floating** NPC  
D833002 - 1220 x 185 x 10,5mm | **Floating** NPC - 4 sides beveling



### Inspired Ash

D897001 - 1220 x 185 x 10,5mm | **Floating** NSP





# Oak

## The sophisticated Oak

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



### Inspired Oak

D896001 - 1220 x 185 x 10,5mm | **Floating** NSP



### Prime Oak

D888002 - 1830 x 185 x 11,5mm | **Floating** NPC - 4 sides beveling

D188001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling

D888001 - 1220 x 185 x 10,5mm | **Floating** NPC



### Khaki Oak

D135001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling

D835003 - 1220 x 185 x 10,5mm | **Floating** NPC



### Fox Oak

D137001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling

D837003 - 1220 x 185 x 10,5mm | **Floating** NPC



Fox Oak



#### Blaze Oak

D836004 - 1830 x 185 x 11,5mm | **Floating** NPC - 4 sides beveling  
 D136001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
 D836003 - 1220 x 185 x 10,5mm | **Floating** NPC  
 D836002 - 1220 x 185 x 10,5mm | **Floating** NPC - 4 sides beveling



#### Nougat Oak

D134001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
 D834003 - 1220 x 185 x 10,5mm | **Floating** NPC  
 D834002 - 1220 x 185 x 10,5mm | **Floating** NPC - 4 sides beveling





# 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 - 4 sides micro beveling  
 D840003 - 1220 x 185 x 10,5mm | **Floating** NPC  
 D840002 - 1220 x 185 x 10,5mm | **Floating** NPC - beveled



### Sorrel Carve Oak

D838004 - 1830 x 185 x 11,5mm | **Floating** NPC - 4 sides beveling  
 D138001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
 D838003 - 1220 x 185 x 10,5mm | **Floating** NPC  
 D838002 - 1220 x 185 x 10,5mm | **Floating** NPC - 4 sides beveling



### Sierra Carve Oak

D139001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
 D839003 - 1220 x 185 x 10,5mm | **Floating** NPC  
 D839002 - 1220 x 185 x 10,5mm | **Floating** NPC - 4 sides beveling





Prime Rustic Oak

## Rustic Oak

### The modern trend of the classic oak

The timeless oak is appreciated for its rustic beauty with distinctive knots and wide ripples, enriching homes with a sense of cosiness.

Available in an elegant long plank with colored beveling, the Rustic Oak is a befitting choice to make contemporary minimalistic interiors feel warmer and homey while keeping an everlasting trend.



#### Prime Rustic Oak

D884001 - 1830 x 185 x 11,5mm | **Floating** NPC - 4 sides beveling

D184001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling

D884002 - 1220 x 185 x 10,5mm | **Floating** NPC

D884003 - 1220 x 185 x 10,5mm | **Floating** NPC - 4 sides beveling



Ivory Chalk Oak

## Chalk Oak

### The avant-garde style of a washed oak

The white-washed look of the Chalk Oak follows a stylish trend, combining the classic texture of the oak with paler tones and a worn appearance. This expressive visual is ideal to give a subtle rustic-chic touch to classic interiors, resulting in an avant-garde decoration.







#### Ivory Chalk Oak

D887002 - 1830 x 185 x 11,5mm | **Floating** NPC - 4 sides beveling  
 D187001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
 D887001 - 1220 x 185 x 10,5mm | **Floating** NPC



#### Platinum Chalk Oak

D886002 - 1830 x 185 x 11,5mm | **Floating** NPC - 4 sides beveling  
 D186001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
 D886001 - 1220 x 185 x 10,5mm | **Floating** NPC



Platinum Chalk Oak



# 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 four trendy proposals with a small rustic touch that makes them perfect for the more organic or minimalist interiors.



**Inspired Pine**

D898001 - 1220 x 185 x 10,5mm | **Floating** NSP



Inspired Pine



**Pastel Rustic Pine**

D823004 - 1830 x 185 x 11,5mm | **Floating** NPC - 4 sides beveling  
 D123001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
 D823003 - 1220 x 185 x 10,5mm | **Floating** NPC  
 D823002 - 1220 x 185 x 10,5mm | **Floating** NPC - 4 sides beveling



**Glacier Rustic Pine**

D122001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
 D822003 - 1220 x 185 x 10,5mm | **Floating** NPC  
 D822002 - 1220 x 185 x 10,5mm | **Floating** NPC - 4 sides beveling



Nebraska Rustic Pine



**Nebraska Rustic Pine**

D885002 - 1830 x 185 x 11,5mm | **Floating** NPC - 4 sides beveling  
 D185001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
 D885001 - 1220 x 185 x 10,5mm | **Floating** NPC



**Metal Rustic Pine**

D821004 - 1830 x 185 x 11,5mm | **Floating** NPC - 4 sides beveling  
 D121001 - 1220 x 185 x 10,5mm | **Floating** HPS - 4 sides micro beveling  
 D821003 - 1220 x 185 x 10,5mm | **Floating** NPC  
 D821002 - 1220 x 185 x 10,5mm | **Floating** NPC - 4 sides beveling

# Get the best results with **Wicanders'** accessories!

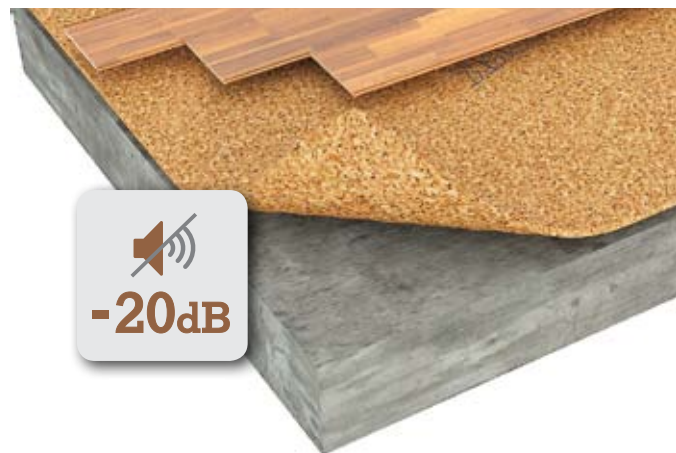
## Underlays

### Increased comfort and insulation

To reinforce the already amazing insulation properties of cork flooring, Wicanders provides Acousticork, a cork underlay which lets you turn your home into an even cosier space.

Acousticork increases the walking comfort, and also reduces the noise and the heat dispersion. Overall, it makes rooms cosier and more peaceful, which are essential in making any house feel homey.

It is available in two options: agglomerated cork and agglomerated cork with a moisture barrier.



- High durability and long term resilience
- Increases floor thermal insulation
- Natural and sustainable product
- Easy to handle and install



## Skirtings

### The perfect match to make a pleasant interior

In order to help to create a more classy and harmonious interior, Wicanders provides skirting profiles to complement your floor. Create your ideal transition between the walls and the floor, whether by an exact match or contrasting colors.

There are skirting profiles available for the complete range of **Artcomfort** products. Contact your supplier for information on the available skirting references.



## Maintenance

### Optimal care for an everlasting beauty

To keep your floor spotless, Wicanders has available a set of auxiliary products. Each of these has a specific purpose and is designed to make the caring of your floor as easy as possible.

#### REGULAR MAINTENANCE



#### **Wicanders Soft Cleaner**

This mild detergent is appropriate for weekly or even daily cleaning. It can be used to remove dirt, stopping it from infiltrating in the joints and in the embossing of the product.



#### **Wicanders Spray Cleaner**

Designed for regular cleaning, this mild detergent has the advantage of being a spray, which makes it a quick and easy solution to apply directly on the floor. It is very effective in cleaning dirt or grease stains.

#### PERIODIC MAINTENANCE



#### **Wicanders Power Polish**

This product is used for periodic maintenance, giving added protection to the floor due to its strong cleaning power. It helps to keep the floor's appearance intact over the years and is especially important to use in high traffic areas.



#### **Wicanders Power Strip**

The Power Strip is used to clean persistent dirt and to remove old maintenance products, since the accumulation of too many coats of these products can make the floor have an unpleasant look.



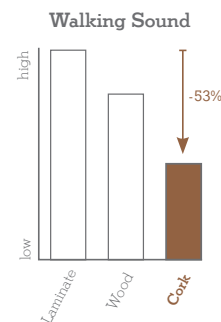
# Why is Wicanders cork flooring the perfect choice?

## More **silence**

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

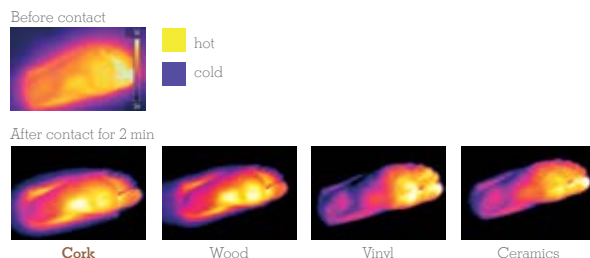
Comparing the walking sound between cork and laminate floors, tests confirm that cork floors have an exceptional result reducing the sound up to 53%.

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.

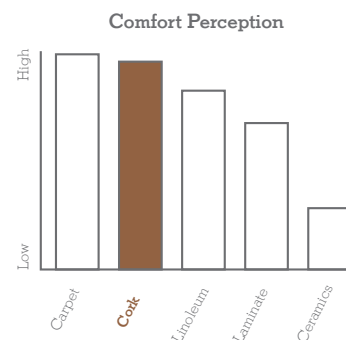
## More **walking comfort**

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.



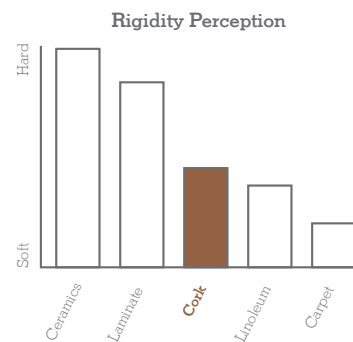


## More **body wellness**

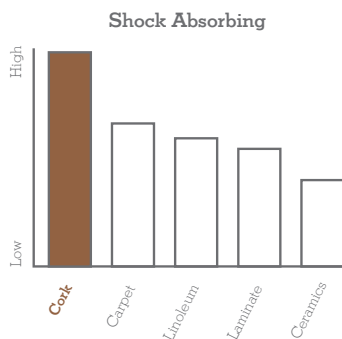
Wicanders floors are stable enough to avoid the leg and back stress that is generated by walking on too hard or too soft floors.

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**



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® 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 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.



## 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.



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.

## 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.








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Product Selector

	Artcomfort Floating NSP	Artcomfort Floating NPC					Artcomfort Floating HPS		
Class of Use (ISO 10874)	23	32	32	32	32	32	33	33	33
Dimension (mm)	1220 x 185	1830 x 185	1220 x 185	1220 x 185	905 x 295	605 x 445	1220 x 185	905 x 295	605 x 445
Thickness (mm)	10,5	11,5	10,5	10,5	10,5	10,5	10,5	10,5	10,5
Beveling	No	4 sides	No	4 sides	No	No	4 sides micro	4 sides micro	4 sides micro
Installation System	2G	2G	2G	2G	2G	5G-C	2G	2G	5G-C
Commercial Reference									
Travertine Dune						D817003			D117001
Travertine Argent						D818003			D118001
Travertine Sterling						D819003			D119001
Marmor Rosa						D809003			D109001
Marmor Carrara						D810003			D110001
Limestone Cream					D891001			D191001	
Slate Arabic						D814003			D114001
Slate Aquarela						D811003			D111001
Slate Plata						D812003			D112001
Slate Chrome						D813003			D113001
Beton Haze					D815003			D115001	
Beton Ashen					D816003			D116001	
Metal Bronze					D890001			D190001	
Metal Cosmic					D889001			D189001	
Prime European Cherry			D826003				D126001		
Prime Hickory			D830003				D130001		
Prime European Walnut			D828003	D828002			D128001		
Prime American Walnut			D829003	D829002			D129001		
Ferric Rustic Ash		D831004	D831003	D831002			D131001		
Desert Rustic Ash		D832004	D832003	D832002			D132001		
Coral Rustic Ash			D833003	D833002			D133001		
Inspired Ash	D897001								
Inspired Oak	D896001								
Prime Oak			D888001		D888002		D188001		
Khaki Oak			D835003				D135001		
Fox Oak			D837003				D137001		
Blaze Oak		D836004	D836003	D836002			D136001		
Nougat Oak			D834003	D834002			D134001		
Sorrel Carve Oak		D838004	D838003	D838002			D138001		
Sierra Carve Oak			D839003	D839002			D139001		
Blizzard Carve Oak			D840003	D840002			D140001		
Prime Rustic Oak		D884001	D884002	D884003			D184001		
Ivory Chalk Oak			D887001		D887002		D187001		
Platinum Chalk Oak			D886001		D886002		D186001		
Inspired Pine	D898001								
Pastel Rustic Pine		D823004	D823003	D823002			D123001		
Nebraska Rustic Pine			D885001		D885002		D185001		
Glacier Rustic Pine			D822003	D822002			D122001		
Metal Rustic Pine		D821004	D821003	D821002			D121001		



# Technical Data Sheet

			Artcomfort Floating		
			NSP 1220 x 185 x 10,5mm 48 x 7 1/4x 3/8'	NPC 1830 x 185 x 11,5mm 72 x 7 1/4x 1/2' 1220 x 185 x 10,5mm 48 x 7 1/4x 3/8' 905 x 295 x 10,5mm 35 5/8 x 11 5/8 x 3/8' 605 x 445 x 10,5mm 23 13/16 x 17 1/2 x 3/8'	HPS 1220 x 185 x 10,5mm 48 x 7 1/4x 3/8' 905 x 295 x 10,5mm 35 5/8 x 11 5/8 x 3/8' 605 x 445 x 10,5mm 23 13/16 x 17 1/2 x 3/8'
Level of use Domestic	ISO 10874	Class	23 	23 	23 
Level of use Commercial	ISO 10874	Class	-	32 	33 
Surface Finishing			Polyurethane moisture-curing	Polyurethane moisture-curing	UV-cured Acrylic varnish with nano particles
	Standard- Test Method	Unit	Specification	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	± 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	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	≤ 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	ISO 24346	mm	≥ 3	≥ 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/m²	8000 -/+10%	8000 -/+10%	8700 +13% -10%
Apparent density Average Individual values	EN 672	Kg/m³	≥ 760 ≥ 95% nominal value	≥ 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	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	ISO 24336	%	≤ 18	≤ 18	≤ 18
Residual indentation	ISO 24343-1	mm	≤ 0,3	≤ 0,3	≤ 0,2
Safety properties - EN 14041					
Fire resistance	EN13501-1	Class	Cfl 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
Optional properties					
Stain Resistance	EN 438 (a) ISO 26987 (b)	Grade			Grade 5 = No visible change
Light fastness	ISO 105-B02 EN 15187	Blue wool scale			≥ 6
Abrasion Resistance	EN 14354 Annex D EN 13329 EN 14354	Revolutions Wt Class			-
Thermal resistance	EN 12667	(m²K)/W	R≤ 0.15 (m²K)/W (d)	R≤ 0.15 (m²K)/W (d)	R≤ 0.15 (m²K)/W (d)
Impact sound reduction	ISO 140-8	dB (Δ Lw)	18	18	18
Step sound/ Step sound reduction	NF S 31 - 074	L n,e,w (dB)/ΔE <sub>pw</sub> (dB)	86/3 (e)	86/3 (e)	86/3 (e)
Walking noise	IHD - w431	dB (A)	Reduction improvement 12dB Difference of loudness 47.5%	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, 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 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!

[www.wicanders.com](http://www.wicanders.com)



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