





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 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.

The uniqueness of Wicanders 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.

# MORE THAN JUST A BEAUTIFUL FLOOR



## + SILENCE

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



## + NATURAL THERMAL INSULATION

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.



## + WALKING COMFORT

Wicanders 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.



## + 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.



## + IMPACT RESISTANCE

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



**Amazing Designs**  
with the comfort of cork

## Corkcomfort

# The distinctive style of cork flooring

In modern interior design, the creation of spaces with style and personality starts with beautiful and expressive floors. Using and combining different shapes of natural Cork, our team of experts and trendsetters created a unique collection that opens a new approach in decoration, in harmony with nature and human emotions.

The style, charm and sophistication of these genuine natural designs, creates atmospheres full of authenticity and character.

### Floating solution

With the glueless Corkloc® installation system, simply put the planks together and securely click them into place. It is a very quick, safe and clean solution. Available with three different protective finishings: WRT for residential areas.

The floating solution is available in tiles of 605x445mm (23 13/16 x 17 1/2") or in boards of 905x295mm (35 5/8x11 5/8") and in planks of 1220x140mm (48x5 1/2").



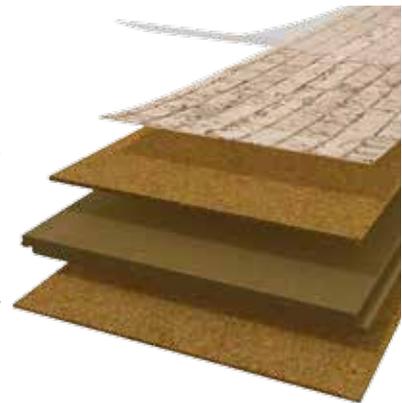
**Protective wear layer (WRT)**  
Easy maintenance & extra resistance

**Genuine cork veneer**  
Decorative visual

**Agglomerated cork**  
Step sound reduction, warmth & comfort

**HDF with Corkloc®**  
Quick & easy installation

**Integrated cork underlay**  
Impact sound reduction & thermal reinforcement



Home



Commercial

### Finishing

**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.





**Originals Natural**  
O801007 | 905 x 295 x 10,5mm



**Originals Harmony**  
O821005 | 905 x 295 x 10,5mm



**Originals Accent**  
O841002 | 905 x 295 x 10,5mm



**Traces Spice**  
Q808003 | 1220 x 140 x 10,5mm | 4



**Personality Tea**  
P810002 | 905 x 295 x 10,5mm



**Linn Blush**  
C81O001 | 605 x 445 x 10,5mm



**Personality Chestnut**  
P832002 | 905 x 295 x 10,5mm



Personality Tea



**Tweedy Saw Cut Moon**  
C86D001 | 905 x 295 x 10,5mm



**Fashionable Cement**  
C85L001 | 905 x 295 x 10,5mm



**Tweedy Wood Coffee**  
C86I001 | 905 x 295 x 10,5mm



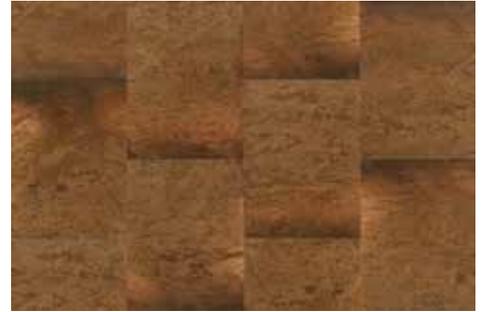
**Fashionable Macchiato**  
C85N001 | 905 x 295 x 10,5mm



**Tweedy Wood Coffee**



Reed Meridian | beveled



**Slate Moccaccino**  
C81C001 | 605 x 445 x 10,5mm



**Flock Moonlight**  
C81X001 | 1220 x 140 x 10,5mm | 4M



**Flock Chestnut**  
C84A001 | 1220 x 140 x 10,5mm | 4M



**Lane Chestnut**  
C83S001 | 1220 x 140 x 10,5mm | 4M



**Reed Meridian**  
C83T001 | 1220 x 140 x 10,5mm | 4M

# Technical Data Sheet

Corkcomfort Floating			
			WRT
			605x445x10,5mm   23 13/16x17 1/2x3/8" 905x295x10,5mm   35 5/8x11 5/8x3/8" 1220x140x10,5mm   48x5 1/2x3/8"
Level of use Domestic	ISO 10874	Class	23 
Level of use Commercial	ISO 10874	Class	31 
Finish Description	-	-	UV-cured Acrylic varnish with ceramic beads
Standard- Test Method		Unit	
General Properties - EN 14085 + EN 12104 + EN 655			
Dimensions:	EN ISO 24346	mm	± 0,10% up to Width : max. 0,5 mm Length: max. 2,0 mm
Overall thickness	EN ISO 24346	mm	± 0,25
Squareness	EN ISO 24346	mm	≤ 0,50
Straightness measured at the surface layer	EN ISO 24346	mm	≤ 0,30
Flatness of the panel Length: Concave / convex Width: Concave / convex	EN 14085 (Annex A)	%	≤ 0,50 / ≤ 1,0 ≤ 0,10 / ≤ 0,15
Openings between panels	EN 14085 (Annex B)	mm	≤ 0,20
Height difference between panels	EN 14085 (Annex B)	mm	≤ 0,20
Dimensional stability (humidity)	EN 669 (Annex C)	%	≤ 5
Mass per unit area	ISO 23997	g/m <sup>2</sup>	nominal value (8000) -10%; +13%
Classification Properties - EN 14085 + EN 12104 + EN 655			
Nominal thickness for cork surface	EN ISO 24340	mm	≥ 3,0
Castor chair	EN 425	Visual effect after 25 000 cycles	No disturbance to the surface other than slight change in appearance and no delamination shall occur
Simulated movement of a furniture leg	EN 424	Visual effect	No damage shall be visible after testing with a type 2 foot
Residual indentation	EN ISO 24343-1	mm	≤ 0,40
Safety properties - EN 14041			
Fire resistance	EN 13501-1	Class	C fl-s1
Slip Classification	EN 13893	Class	DS
Formaldehyde emission	EN 717-1	Class	E1
Electrical behaviour	EN 1815	KV	Not Antistatic
Content pentachlorophenol (PCP)	EN 14041 Annex B	mg/Kg	PCP Free
Optional properties			
Stains Resistance	ISO 26987(a)	Grade (b)	Grade 0 (4 for acetone)
Thermal resistance	EN 12667	(m <sup>2</sup> K)/W	R≤ 0,150
Impact sound reduction	ISO 140-8	dB (Δ L <sub>w</sub> )	16
Reduction improvement	EPH/IHD Works Standard 431	dB(A)	13.2
Difference of Loudness		%	51.6
Gloss	Glossmeter (60°)	Degrees Gardner(°G)	12±3°
ASTM Standards			
IIC Impact insulation class	ASTM E492 /ASTM E989	IIC (dB)	58
STC Classification for Rating Sound Insulation	ASTM E90 /ASTM E413	STC (dB)	54
Ignition Characteristics of Finished Textile Floor Covering Systems	ASTM D2859		met the criteria
Optical Density of smoke	ASTM662	DS(4,0min)	23,7
		DS(4,0min)	32,3
Critical radiant flux	ASTM E648	(W/cm <sup>2</sup> )	0,38
Residual indentation	ASTM F1914	(%)	0,2
Thermal conductivity	ASTM C 177	W/(m.K)	0,108
Thermal resistance		(m <sup>2</sup> K)/W	0,0999

(a) The following products were tested: Disinfectant, Ethanol, Ammonia Solution, Citric acid, Iodine, Cleaning benzene.

(b) Grade 0 = Unchanged; Grade 1 = Very little change; Grade 2 = Little change; Grade 3 = Change; Grade 4 = Strong change.

# hydrocork

## AN AMAZING STEP IN FLOORING

Hydrocork is the first Corktech low thickness floating floor. Built to have only 6mm (1/4") thickness, it can be easily laid on top of almost any existing surface, being ideal for renovation projects. Easy to cut and install, it features the new PressFit compression system, which uses cork's compressibility feature to create a tight seal and stable installation.

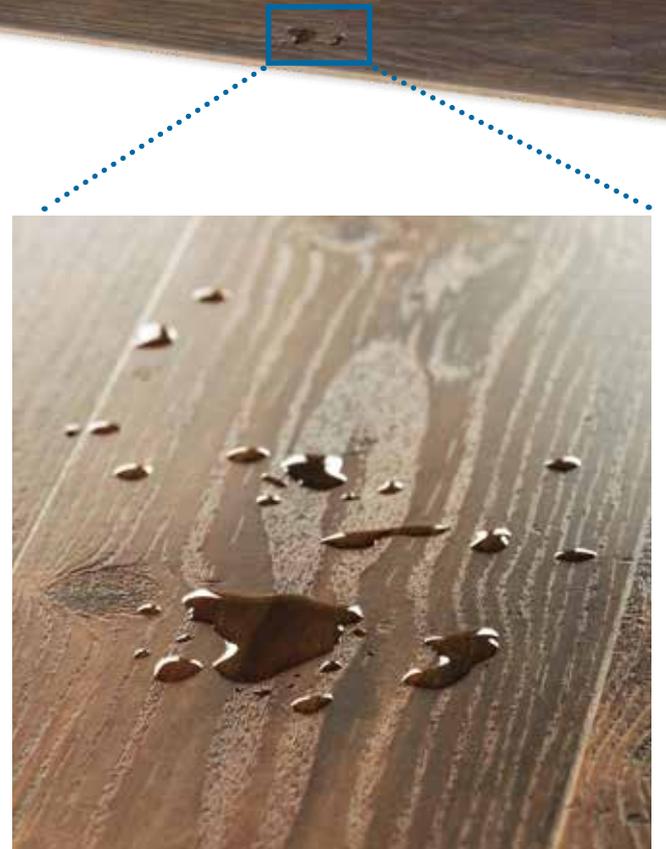
It is available in a 0,55mm wear layer with 4 sides beveling, in the elegant plank of 1225 x 145mm (48 1/4 x 5 11/16").



6mm

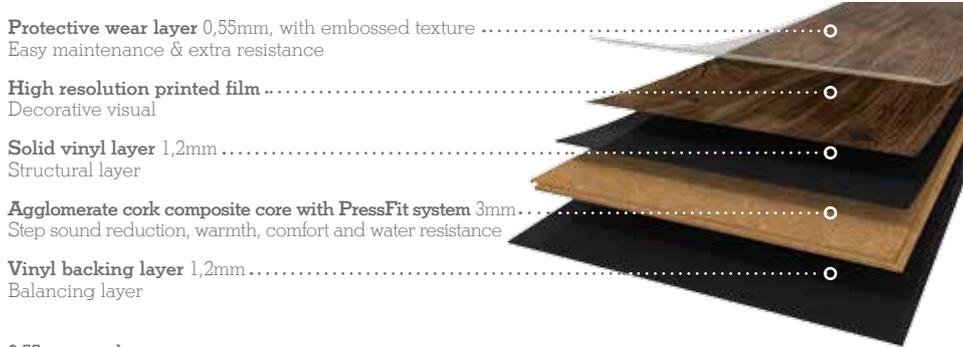
### IDEAL FOR RENOVATIONS

The product's 6mm thickness makes it the optimal choice for renovation projects. Very easy to cut and install, its strong and balanced structure reduces the telegraphing effect due to subfloor irregularities.



### WATERPROOF

The Hydrocork board is water resistant, so it will not swell when exposed to water. The same product can be installed in all rooms of a house or building, being also suitable for environments where low maintenance is a requirement.



0.55mm wear layer  
For heavy commercial traffic areas



Home



Commercial

\* Please see the terms and conditions of the Wicanders Limited Warranty in the website.



## NEW COMPRESSION SYSTEM

PressFit is a revolutionary compression system that functions like a cork stopper, taking advantage of cork's flexibility, elasticity and compressibility.

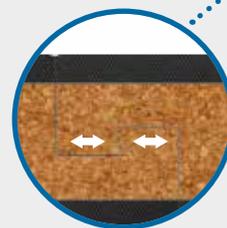


**1** Hold two planks side by side.



When it is inserted in the gap, the cork core automatically compresses.

**2** Press down along the joint with the help of a white rubber hammer.



Then, it expands back to its initial shape, forming a tight, stable seal.



Authentic  
Embossed  
Texture

Sawn Twine Oak

This sample image is cut from a larger piece. Decor and shade may vary slightly.



**Linen Cherry**

B5R0001 | 1225 x 145 x 6mm | 4



**Limed Grey Oak**

B5T7001 | 1225 x 145 x 6mm | 4



**Claw Silver Oak**

B5V3001 | 1225 x 145 x 6mm | 4



**Cinder Oak**

B5R7001 | 1225 x 145 x 6mm | 4



**Century Morocco Pine**

B5P6001 | 1225 x 145 x 6mm | 4



**Castle Raffia Oak**

B5P0001 | 1225 x 145 x 6mm | 4



Arcadian Rye Pine



Authentic  
Embossed  
Texture

**Arcadian Soya Pine**  
B5P4001 | 1225 x 145 x 6mm | 4



Authentic  
Embossed  
Texture

**Arcadian Rye Pine**  
B5P5001 | 1225 x 145 x 6mm | 4



Authentic  
Embossed  
Texture

**Sawn Twine Oak**  
B5P2001 | 1225 x 145 x 6mm | 4



Authentic  
Embossed  
Texture

**Sawn Bisque Oak**  
B5P3001 | 1225 x 145 x 6mm | 4

This sample image is cut from a larger piece. Decor and shade may vary slightly.

4 4 sides micro beveled

# Technical Data Sheet

Hydrocork			
			0,55mm Wear Layer
			1225 x 145 x 6mm   48 1/4 x 5 11/16 x 1/4"
Domestic	ISO 10874	Class	23 
Commercial	ISO 10874	Class	33 
<b>General properties - ISO 10582 + EN 14085 + EN 14041</b>		Standard	Unit
Dimensions:			
Width:	ISO 24342	mm	+ - 0,10% up to max. 0,5mm
Length:			max. 2,0mm
Overall thickness	ISO 24346	mm	nominal + - 0,25
Squareness	ISO 24342	mm	≤ 0,50
Straightness measured at the surface layer	ISO 24342	mm	≤ 0,30
Mass per unit area	ISO 23997	g/m <sup>2</sup>	Nominal +13% / -10%
Dimensional stability (humidity)	EN 14085 Annex C/ EN 669	mm	≤ 5
Dimensional stability and curling after exposure to heat	ISO 23999	%	≤ 0,25
Openings between panels	EN 14085 (Annex B)	mm	≤ 0,20
Height difference between panels	EN 14085 (Annex B)	mm	≤ 0,20
Flatness of the panel (Length - Concave / Convex)	EN 14085 (Annex A)	%	≤ 0,50 / ≤ 1,0
Flatness of the panel (Width - Concave / Convex)	EN 14085 (Annex A)	%	≤ 0,10 / ≤ 0,15
Residual indentation	ISO 24343-1	mm	≤ 0,1
Colour fastness	ISO 105-BO2	Blue wool scale	≥ 6
<b>Classification properties - ISO 10582 + EN 14085</b>			
Wear layer thickness (wear layer binder content Type 1)	ISO 24340	mm	0,55
Thickness swelling	ISO 24336	%	≤ 15
Castor chair	EN 425	Visual effect - after 25.000 cycles	No disturbance to the surface other than a slight change in appearance and no delamination shall occur
Simulated movement of a furniture leg	EN 424	Visual effect	No damage shall be visible after testing with a type 0 foot
<b>Safety properties - EN14041</b>			
Fire resistance	ISO 11925-2/ISO 9239-1(classification according to EN 13501-1)	Class	Bfl-s1
Slip resistance	EN13893	Class	DS
Formaldehyde emission	DIN EN 717-1	Class	E1
Content pentachlorophenol (PCP)	EN 14041 Annex B	%	Undetectable
<b>Additional properties</b>			
Stains resistance	ISO 26987 (a)	Grade	Grade 0 (b)
Thermal resistance	EN 12667	(m2K)/W	0,05
Impact sound reduction	ISO 140-8	dB (ΔLw)	16 dB
Walking sound	IHD -W431	dB (A)	Reduction improvement 11,1dB Difference of Loudness 51,1%
Swelling of the joints (Moisture Exposure)	IHD 423	mm	No visible effect
<b>ASTM Standards</b>			
Airborne Sound Transmission Loss	ASTM E90 /ASTM E413	STC (dB)	62 dB
Impact Sound Transmission	ASTM E492 /ASTM E989	IIC (dB)	61 dB
Impact Sound Transmission	ASTM E2179	ΔIIC	18 dB
Smoke Density	ASTM662	KW/m <sup>2</sup>	Flaming & Non Flaming ≤ 450
Radiant Panel (Critical Radiant Flux)	ASTM E648	(W/cm <sup>2</sup> )	≥ 0,45 W/cm <sup>2</sup> Exceeds, Class I
Thermal Resistance	ASTM C177	R-value (m2K)/W	0,0432
Residual indentation	ASTM F1914	%	0,4%
Static Load Limit	ASTM F970	in or mm	≤ 0,005 in (load of 250 lb) ≤ 0,127 mm (load of 113.4 Kg)
Ignition Characteristics of Finished Textile Floor Covering Systems	ASTM D2859	-	Meets the criteria

(a) - The following products were tested: Desinfectant, C<sub>2</sub>H<sub>5</sub>OH, NH<sub>4</sub>OH, Citric acid, iodine, petroleum, spirit  
 (b) - Grade 0 - Unchanged / Grade 1 - Very little change / Grade 2 - Little change / Grade 3 - Change / Grade 4 - Strong Change;  
 except for iodine = Grade 2



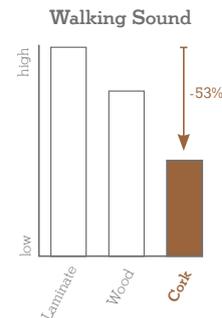
# Why is Wicanders cork flooring the perfect choice?

## + SILENCE

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

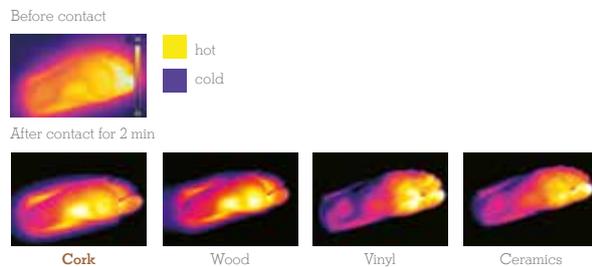
Comparing the walking sound between cork and laminate floors, tests confirm that cork floors have an exceptional result reducing the sound up to 53%.

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



## + NATURAL THERMAL INSULATION

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.

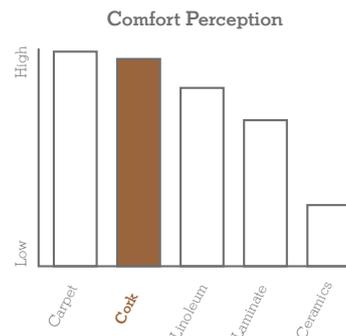
## + WALKING COMFORT

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.



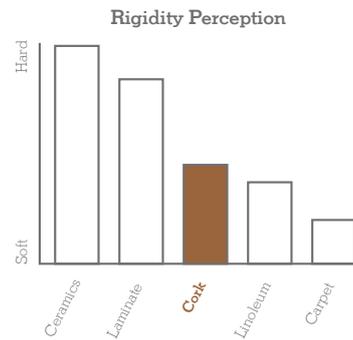


## + BODY WELLNESS

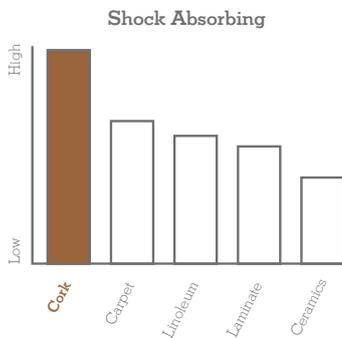
Wicanders floors are stable enough to avoid the leg and back stress that is generated by walking on too hard or too soft floors.

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.



## + 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 are easy and fast to install.



### Low & Easy Maintenance

The special surface finishing of Wicanders 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.



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.



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.

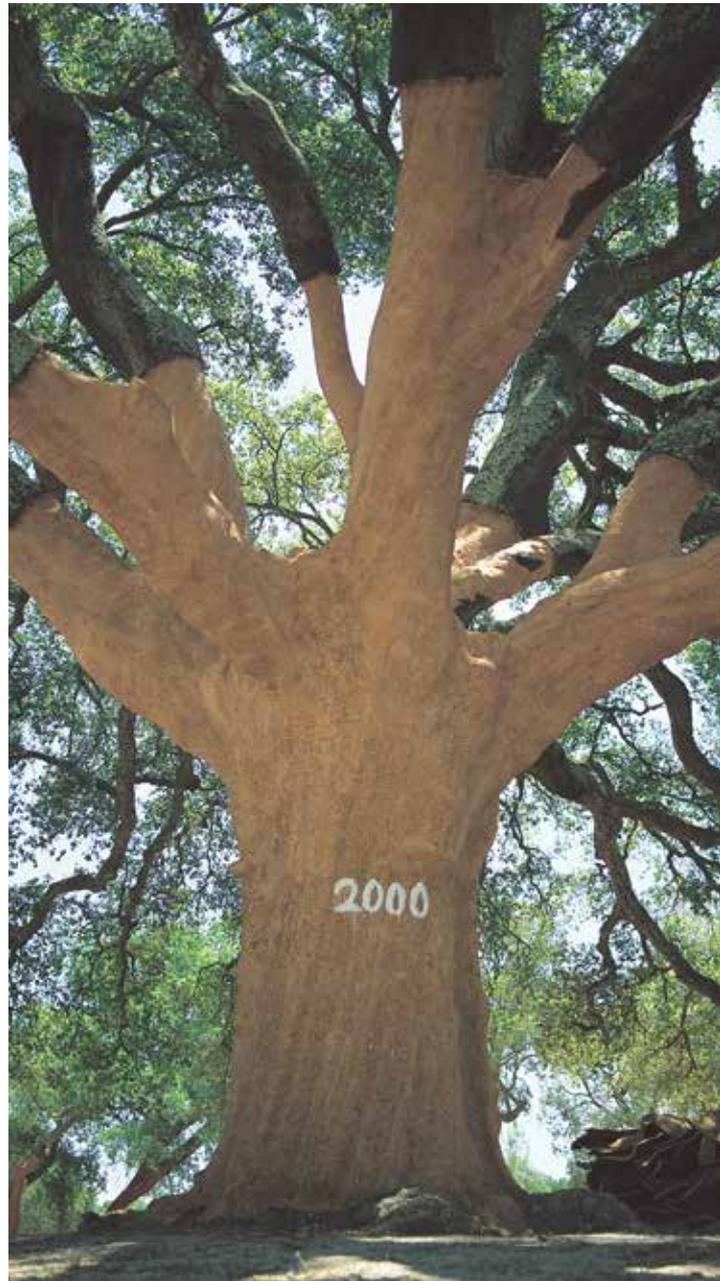
## The importance of Cork Oak

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**



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



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