



# about cork coverings

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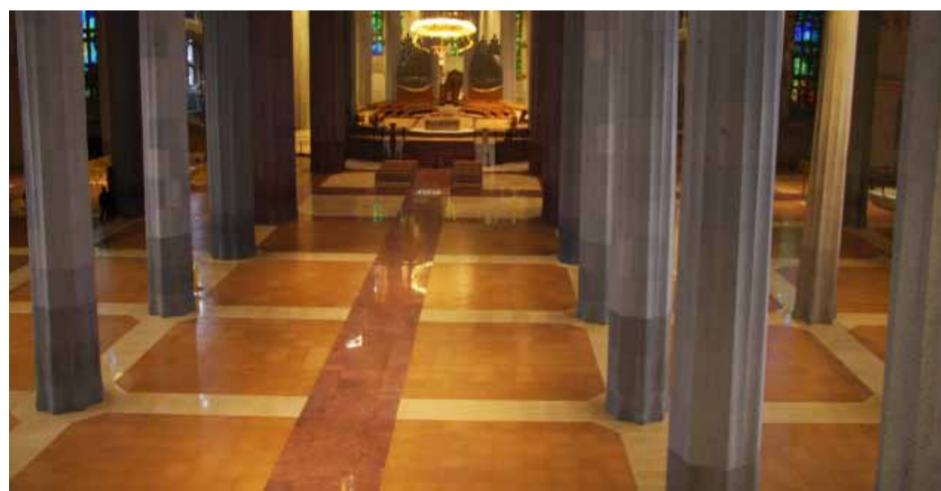
Amorim is the world's leading producer of state-of-the-art cork coverings, due to its innovative Corktech technology. Under its premium brand Wicanders, Amorim's portfolio has revolutionized the traditional concept of cork flooring, offering aesthetic versatility, comfort and durability.



## corticeira amorim

The annual production of 8 million square meters of cork floor and wall coverings confirms the company's extensive portfolio which meets the industry's rigorous performance requirements, in both the residential and commercial segments.

Amorim is the world's largest producer and supplier of cork with 96% of sales realized outside Portugal to more than 100 countries. Founded in 1870, the company soon became aware of the endless potential of this 100% natural raw material, and has progressively developed a portfolio of high value-added products and solutions in particular cork stoppers and cork flooring.



LA SACRADA FAMILIA, BARCELONA



WICANDERS ARTCOMFORT



WICANDERS CORKCOMFORT



WICANDERS HYDROCORK

## hydrocork an amazing step in flooring

Hydrocork is the first Corktech low thickness floating product that combined with its waterproof properties hits the market as a differentiated and high value-added solution.

The Corktech technology enabled the creation of an innovative core board made of composite cork. Besides being waterproof, it is incredibly stable, while maintaining the resilient properties and unmatched comfort brought by cork.

The product's 6mm thickness makes it the optimal choice for renovation projects. Very easy to cut and install, Hydrocork has a revolutionary compression system – PressFit – that functions like a cork stopper, taking advantage of cork's flexibility, elasticity and compressibility.

## corktech technology

Wicanders is Amorim's premium cork coverings brand. Over the years, Wicanders has developed floor and wall coverings with exclusive properties through 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 has been achieved, providing the perfect match between beauty, comfort and durability.

The flooring's performance is supported by a prime quality core layer of cork, which provides superior comfort, noise reduction and warmth and an integrated cork underlay that reinforces thermal and acoustic properties, resulting in a silent environment and important energy cost savings.



- Corktech**
- 1<sup>st</sup> layer: Protective wear layer
  - 2<sup>nd</sup>: Decorative material
  - 3<sup>rd</sup>: Agglomerated cork (Step sound reduction, warmth and comfort)
  - 4<sup>th</sup>: High density fiberboard
  - 5<sup>th</sup>: Insulating cork underlay (Impact sound reduction and thermal reinforcement)

## cork

Cork, *cortiça* in Portuguese, is the outer bark of the cork oak tree – *Quercus Suber L.* – which has grown for millennia throughout the Mediterranean Region.

The life span of these exceptional trees is between 200 and 250 years. It takes 25 years before a cork oak tree can be harvested for the first time. After the first harvesting, cork oaks are stripped in nine year cycles, always between May and August, when the tree is at its most active phase of growth and is easier to strip. In a context of increasing concern for the environment, it is important to note that cork is the only tree whose bark can regenerate after each harvest – leaving the tree unharmed.

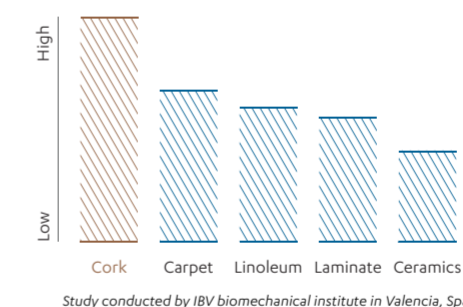
Cork is an engineering masterpiece, a natural shield designed to protect the cork oak tree from major annual temperature variations. It is composed of 40 million cells per cm<sup>3</sup> resembling a honeycomb structure. Each cell functions as a thermal and sound insulator, while also providing shock absorption.



## impact resistant

Tests show that Wicanders cork floors offer the highest level of shock absorbance.

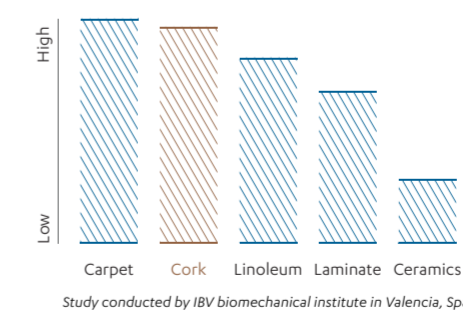
Shock absorbing



## walking comfort

After 45 minutes walking in contact with five different materials, studies reveal that Wicanders cork floors have a much higher comfort perception than linoleum, laminate and ceramic floors.

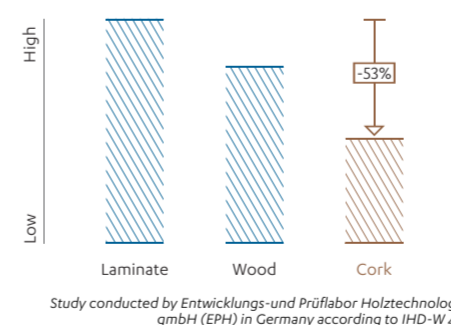
Comfort perception



## sound absorber

According to tests, the use of cork floors can reduce walking sound by up to 53%, silent.

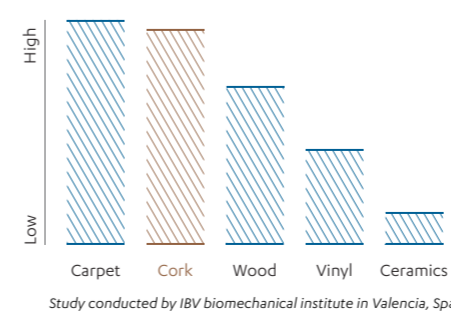
Walking Sound



## thermal efficient

Tests show that Wicanders cork floors have a higher thermal comfort when compared with Wood, Vinyl and Ceramics.

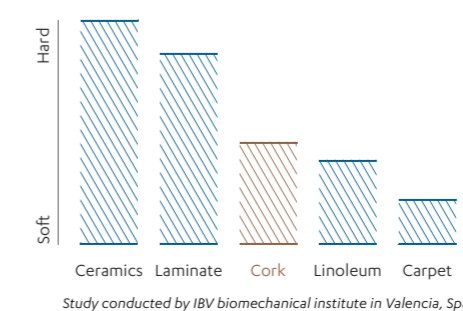
Thermal comfort



## body wellness

Tests show that Wicanders cork floors have the perfect balance between excessively hard or soft floors, and are easy on the body since they reduce tension and fatigue.

Rigidity perception



## market segments

From homes to hotels, restaurants to libraries, museums to medical centres, Wicanders flooring solutions can be found worldwide.

### Residential



PRIVATE HOUSE, PORTUGAL

### Commercial



NEZU MUSEUM, BY KENGO KUMA, JAPAN



NH HOTEL, SPAIN



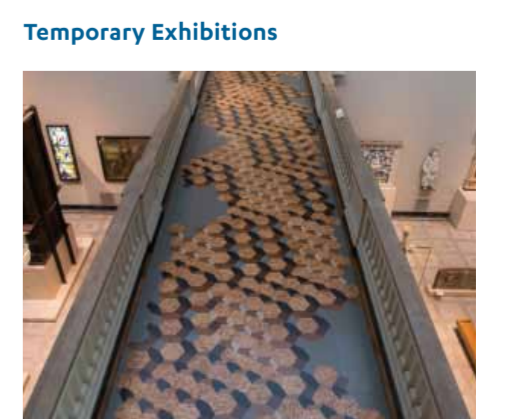
THE GREENHOUSE RESTAURANT, SOUTH AFRICA



HARTFORD PUBLIC LIBRARY, USA



MICROSOFT OFFICES, PORTUGAL



LONDON DESIGN FESTIVAL, VICTORIA & ALBERT MUSEUM

