

MAXIMUM SILENCE



WICANDERS®

Acousticork® NRT

Noise Reduction Technology



Wicanders. Sustainability and Superior Technological Innovation

Amorim Revestimentos, the world leader in the production and distribution of cork flooring, presents the Wicanders brand, respected for quality, style and technological innovation around the world.

Cork is one of nature's miracles and no man-made material can match it. Completely biological, renewable and sustainable, cork is unique. It is safely harvested from the cork oak tree every nine years without causing any harm to the tree and the bark regrows producing a smoother texture after each harvest.

Using the latest manufacturing technology we are able to transform the cork with its natural properties for sound reduction, thermal insulation and elasticity into stylish, practical, innovative and unique flooring solutions.

The new technological revolution

The new Wicanders® Acousticork® NRT (Noise reduction Technology) is the latest revolution in flooring. An innovative cork-based core layer creates a quieter, warmer and more comfortable floor. No other material can match the natural and unique properties of cork.

Hear only the sound of silence



The new Wicanders® Acousticork® NRT is the most silent and comfortable floor existing in the market. Its cork-based revolutionary structure achieves a significant improvement in sound reduction.

in a comfortable environment



With unique and innovative thermal insulation properties, Wicanders® Acousticork® NRT always provides an optimal floor temperature.

Other advantages for your quality of life



Fast & Easy Installation

Whether you will choose an Acoustic cork or Acoustic wood flooring solution, Wicanders® Acousticork® NRT is quicker and easier to install than ever before. The improved glueless CORKLOC connecting system floor saves time and reduces installation expense.



Comfort

The unique characteristics of cork also ensure that a WICANDERS floor is more comfortable to walk and stand on. Corks shock-absorbing properties relieve strain on your feet, joints, legs and back.



Durability

With their unique cork structure and tough resilient surface finishes, Wicanders® Acousticork® NRT floors are as durable as you'll ever need them to be. A Wicanders® Acousticork® NRT floor withstands years of wear and still looks as good as the day it was first laid.



Easy Maintenance

The specialised surface finishes of Wicanders® Acousticork® NRT floors make them easier to clean and maintain. A vacuum cleaner and a mop are all that is required to keep Wicanders® Acousticork® NRT floors looking as good as new.



Health

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



Environmentally Friendly

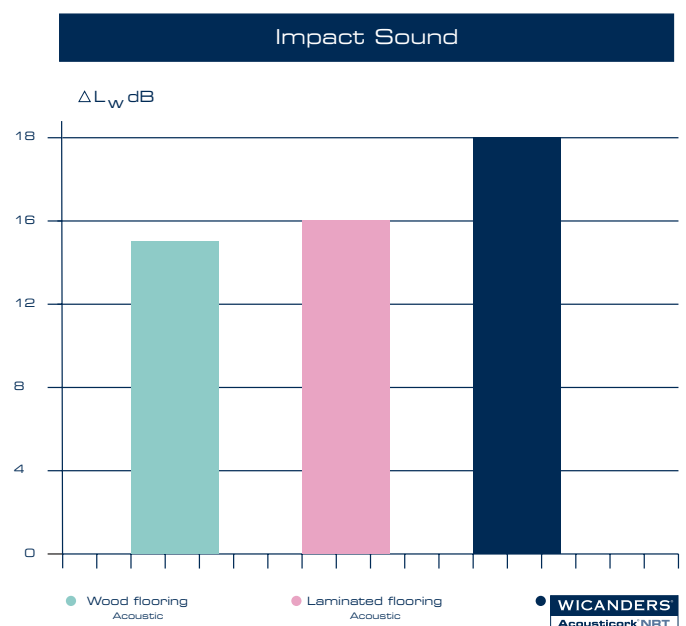
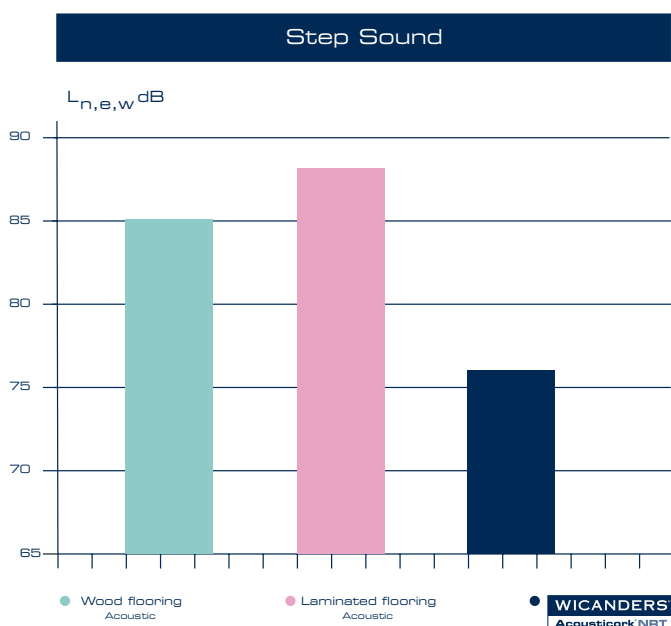
Wicanders® Acousticork® NRT floors are made with natural products. Cork is 100% biological and it is a renewable and sustainable material becoming the best solution for those mindful of today's need for natural resources conservation.

The most silent and comfortable flooring in the market

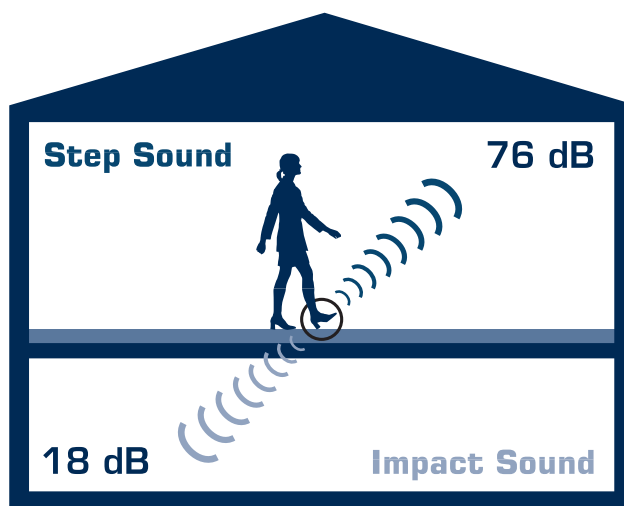
Wicanders has successfully developed a revolutionary cork-based core-layer for their flooring for significant improvement of both step sound and impact sound. Official test methods proved that Wicanders® Acousticork® NRT has the best balance between impact sound and step sound. Wicanders® Acousticork® NRT flooring achieved the best results of the market in terms of step sound performance compared to wood and laminate floors.



In terms of step sound, given its sound propagation characteristics, Wicanders® Acousticork® NRT reaches values of 76 dB – approximately 10 dB better than the acoustic woods and laminates tested. The drum sound effect is reduced significantly. It will also dramatically reduce high frequency sound and therefore improve walking comfort.

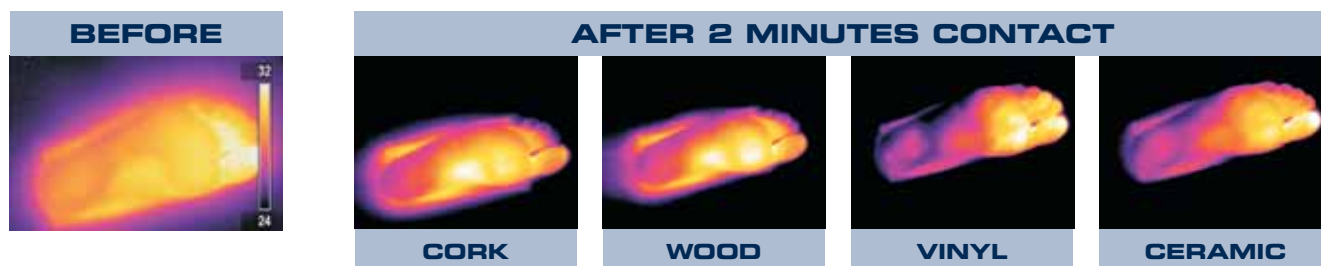


Due to its excellent sound insulation properties, in terms of impact sound values (sound which your downstairs neighbours hear), Wicanders® Acousticork® NRT reaches a value of 18 dB which represents a 3 dB improvement on market standard values. You will feel serenity inside your home, and your downstairs neighbours will also be grateful for the quietness that you will transmit to them. Silence has never been heard like this before.



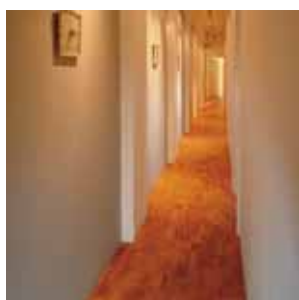
Warmth and comfort for the barefooted

The cork-based composition of Wicanders® Acousticork® NRT guarantees a degree of thermal insulation that other hard floor coverings can not match. Wicanders® Acousticork® NRT maintains a pleasant and comfortable temperature throughout the year.



Extra comfort with every step you take

Additionally, the unique Wicanders® Acousticork® cork core absorbs the impact of every step, preventing the jarring effect and relieving pressure on the legs and back. Walking on Wicanders® Acousticork® flooring, you are going to experience a great sensation of lightness. Take comfort from the peaceful living environment that a Wicanders floor creates.



Large range of natural wood and cork visuals

Wicanders® Acousticork® NRT is available in a wide range of wood, natural cork and coloured cork. Whether you want to use natural tones or subtle shades of colour to coordinate with your interior furnishings, you will find the right visual to create the perfect living environment.



I102A01 - Timide



I103A01 - Silver



W356A01 - Maple



W354A01 - Red Oak



O121A01 - Harmony



I119A01 - Secrets



W303A01 - Cherry

Comfort and durability for commercial spaces

For commercial and high traffic areas, Wicanders has developed a high resistant wear layer finishing that guarantees durability and protects the surface of your floor. Wicanders® Acousticork® NRT floors offer an efficient solution for commercial applications where silence, comfort, warmth as well as easy cleaning and maintenance are important. With a wide range of colour and design options to choose from you can create truly stylish and practical interiors.



I108A01 - Spice



W355A01 - Beech



W303A01 - Cherry



O121A01 - Harmony

Choose the beauty of natural wood

Series 3000 Acousticork® NRT is available in a wide range of plank and three strip options.



W301A01 - Mahogany Light



W303A01 - Cherry



W304A01 - Red Oak



W305A01 - Beech



W306A01 - Maple



W310A01 - Rustic Oak



W353A01 - Cherry



W354A01 - Red Oak



W355A01 - Beech



W356A01 - Maple



W357A01 - Walnut



W358A01 - Mahogany Dark

Or for the natural comfort of cork

Series 1000 Acousticork® NRT is available in a range of natural corks as well as subtle pastel tones which allow you to coordinate easily with interior furnishings.



I012A01 - Harmony



I103A01 - Silver



I105A01 - Champagne



I108A01 - Spice

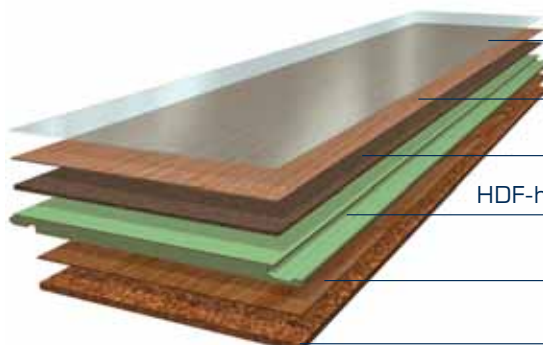


I119A01 - Secrets



I102A01 - Timide

Technical solutions that satisfy all your needs



hard wearing surface

natural wood veneer

Acousticork® NRT cork layer

HDF-high density fibreboard with CORKLOC

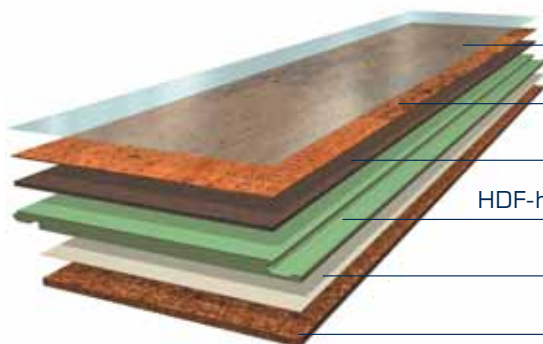
counter balance

integrated insulating cork underlay

The revolutionary acoustic wood floor.

The 0.5mm surface layer guarantees high resistance and preserves the durability of the floor.

Easy to install, it is the best solution for high traffic residential areas, commercial and public spaces.



hard wearing surface

natural cork veneer

Acousticork® NRT cork layer

HDF-high density fibreboard with CORKLOC

counter balance

integrated insulating cork underlay

A floating floor with unique Acoustic characteristics and high durability.

It combines the natural characteristics of cork with a high resistant surface which retains the natural beauty of the cork and protects your floor from signs of wear.

Ideal for high traffic residential areas, commercial and public spaces. Easy and fast to install.

Step Sound Reduction



74 dB



76 dB

Standard NF S 31-074 - $L_{n,e,w}$ dB

Impact Sound Reduction











18 dB





















18 dB

Standard EN 140-1- ΔL_w dB

TECHNICAL DATA SHEET

Test	Standard	Unit				
Level of use	EN 685	Class				
Domestic						
Commercial						
Industrial						
General properties						
Dimensions	EN 427 / EN 428	mm	900x295x12		900x185x12	
		inches	36x11-10/16x15/32		36x7-9/32x15/32	
Wear layer thickness	EN 429	mm	0,50		0,50	
Apparent density	EN 672	Kg/m³	≥700		≥700	
Mass per unit area	EN 430	g/m²	8400		8400	
Dimensional stability	EN 669	mm	+0,05		+0,03	
Safety properties						
Fire resistance	NF EN13501-1	Class	Bfl-s1		Bfl-s1	
Additional properties						
Impact sound reduction	EN 140-1	ΔLw dB	18		18	
Step sound reduction	NF S 31-074	Ln, e, w dB	74		76	
Thermal resistance	ISO 8302	m²K/W	0,114		0,099	
		W/mK	0,1093		0,1313	
Heat dissipation	DIN 52614	KJ/m²	W1:34 / W10: 144		W1:41 / W10: 169	
Wear resistance	EN 660-1	mm	Thickness loss: 0,026		Thickness loss: 0,05	
		g	Weight loss: 0,49		Weight loss: 0,05	
Castor chair test	EN 425	Effect	Suitable		Suitable	
Chair leg resistance	EN 424	Effect	No changes		No changes	

WICANDERS WARRANTY

Structural	We warrant that our flooring products, when supplied as new and through approved outlets, shall be free of product & material faults, for the periods indicated in the table	Domestic Class 23, EN 685			
		Commercial Class 31, EN 685			
		Commercial Class 33, EN 685			
Surface	We warrant, that the Surface Wear Layer of our flooring products will not wear through within the periods indicated in the table	Domestic Class 23, EN 685			
		Commercial Class 31, EN 685			
		Commercial Class 33, EN 685			

For detailed and complete information about the Wicanders Warranty, please refer to the flooring packaging or visit www.wicanders.com



AMORIM

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