

MAXIMUM SILENCE



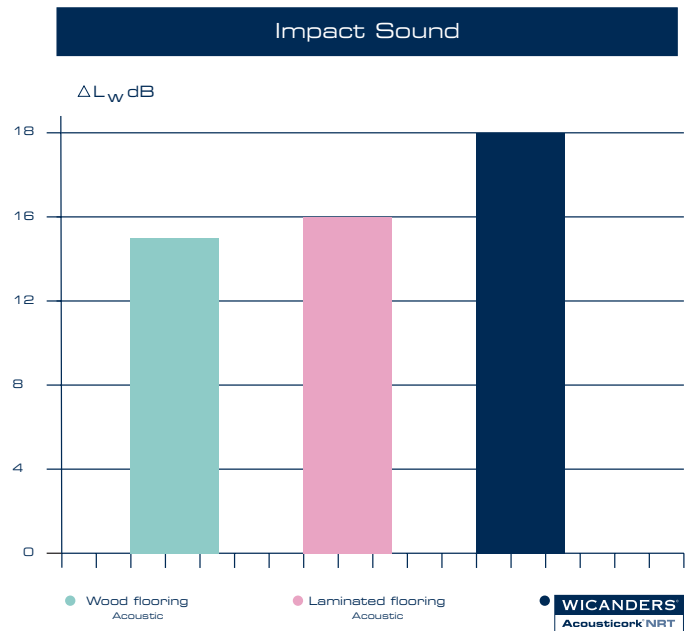
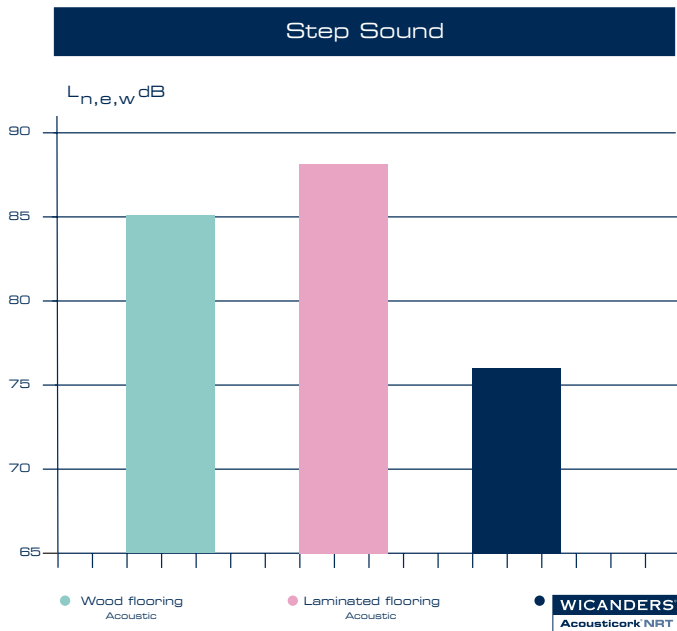
WICANDERS[®]

Acousticork[®] NRT

Noise Reduction Technology

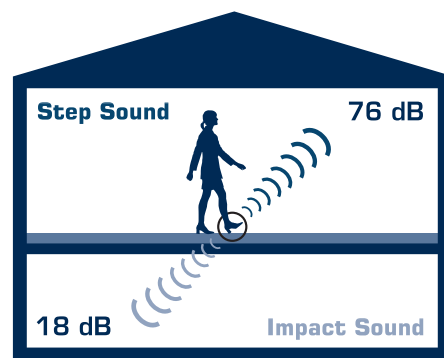
In terms of **step sound**, given its sound propagation characteristics, Wicanders® Acousticork® NRT reaches values of 76 dB – approximately 10 dB better than the acoustic woods and laminates tested. The drum sound effect is reduced significantly. It will also dramatically reduce high frequency sound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



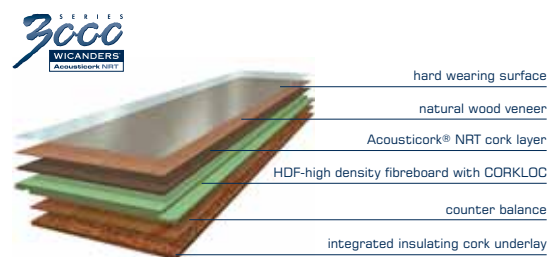
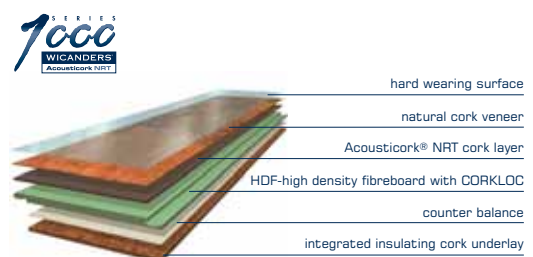
Extra comfort with every step you take

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. It is therefore the best choice for a peaceful living environment.



Solutions

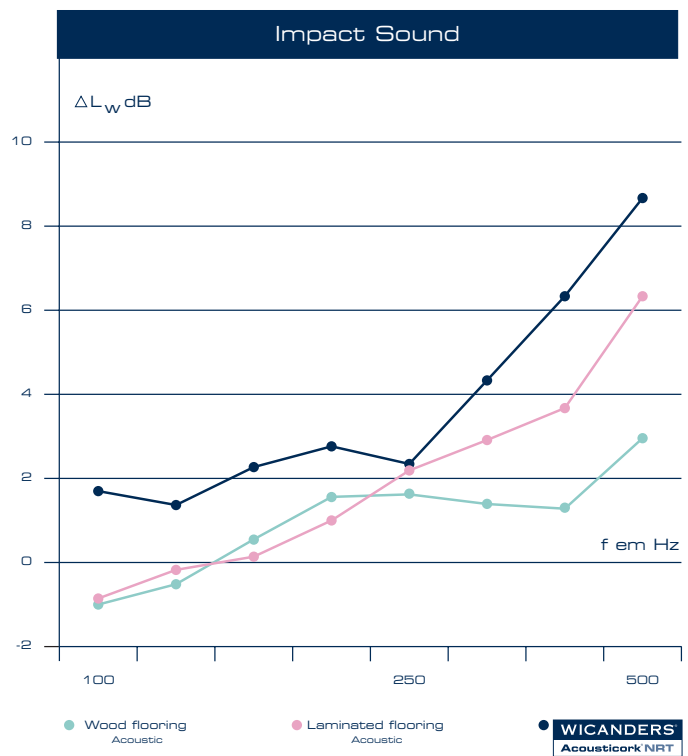
Wicanders® Acousticork® NRT is available in two product lines: Series 3000, with a large range of natural wood visuals and Series 1000, with an extensive assortment of natural or coloured cork visuals.



Patent Pending

The most silent and comfortable flooring in the market

The name Wicanders has always stood for superior technological innovation and continuous improvement. The latest revolution in flooring is the new Wicanders® Acousticork® NRT (Noise Reduction Technology). 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 have proven that Wicanders® Acousticork® NRT has the best balance between **impact sound** and **step sound**. Independent tests show that Wicanders® Acousticork® NRT flooring achieved the best results in terms of step sound and impact sound when compared to a range of wood and laminate flooring being marketed as having acoustic properties.











Step Sound Reduction

SERIES 1000 WICANDERS Acousticork NRT	74 dB
SERIES 3000 WICANDERS Acousticork NRT	76 dB



















Impact Sound Reduction

SERIES 1000 WICANDERS Acousticork NRT	18 dB
SERIES 3000 WICANDERS Acousticork NRT	18 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/m ³	≥700	≥700
Mass per unit area	EN 430	g/m ²	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	m ² K/W	0,114	0,099
		W/mK	0,1093	0,1313
Heat dissipation	DIN 52614	KJ/m ²	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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