

# HOME FLOORING COLLECTION



**Wood**comfort

Nature at your feet



**WICANDERS®**



# Acrodur - Yours purely

Amorim Revestimentos, the world leader in cork flooring, and BASF, the renowned international company, have merged their vast experience to create a highly innovative product for cork flooring and wall coverings.

Acrodur is the name of the new water-based binder developed by BASF with unrivalled environmental performance. This binder reduces the level of non-green emissions (during manufacturing and after the installation of the final product) and fosters a more rational use of energy, without compromising the coverings' performance.

Acrodur is free of chemical substances such as phenol, formaldehyde or isocyanates that are usually present in similar products. **Wicanders'** association to BASF strengthens its sustainable and eco-efficient nature. With this revolutionary product, **Wicanders** not only promotes balance between economy and the environment but also provides perfect harmony between nature and the comfort of contemporary ambiances.

Truly sustainable development.....



Yours Purely,



# Think green, **choose** Wicanders

**Wicanders** products underwent a detailed eco-efficiency study in 2007, carried out by the highly regarded company, BASF.

The study, based on a comparative analysis with several other types of flooring, illustrated 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>.

This study also highlighted irrefutable advantages for the consumer. Cork's natural thermal insulation characteristics ensure that **Wicanders** products represent significant savings for the consumer in acclimatisation energy costs. Values that re-assure the excellence of **Wicanders** flooring and their impact on protecting the planet and the world economy.

## **Your future in good hands!**

**Wicanders** is a truly sustainable brand! 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 products of high added value while biodiversity, economic and social sustainability are simultaneously fostered.

**Wicanders** also looks out for your future! Its products retain CO<sub>2</sub>, which would otherwise contribute to global warming. 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.





# Excellence in flooring



Amorim Revestimentos, a company of the Portuguese Amorim Group, with over 130 years of experience in selected cork products, has developed unique flooring and wall covering solutions throughout its history. Amorim Revestimentos sells its products in more than 51 countries and is known throughout the world as a pioneer in creating top-quality, ground-breaking solutions.

Reflecting a highly sustainable development, the Amorim Group developed a revolutionary process that is adapted to nature's rhythms. The first extraction of cork from the cork oak tree occurs only twenty-five years after planting, following which it is harvested in nine-year cycles, without ever damaging the tree in any way. This method allows the cork oak forest – montado - to fulfil its role of fixing CO<sub>2</sub>, thus actively contributing to reduce global warming.

The regular extraction of cork is also a decisive contributor to sustainability: environmental (conserving biodiversity and preventing desertification), social (population settlement and jobs creation) and economic. The company's in-depth knowledge and respect for nature, its continuous investment in technological innovation and highly-specialised staff, have guaranteed its leading position in the international field. **Wicanders** has strengthened its existing cork products (**Corkcomfort**) and wood-on-cork products (**Woodcomfort**), by investing in new product lines such as vinyl (**Vinylcomfort**), linoleum (**Linocomfort**), and parquet (**Parquet**), towards a new phase marked by the evolution from a cork manufacturer to a flooring solutions company.

Cutting-edge technology, know-how, creativity and audacity are merged into an avant-garde approach inspired on nature's values.



Ash Sahara

Classic Sucupira

Classic Red Oak



# Meet the **Wood**comfort sensations

**Wood**comfort product line provides alluring solutions that enhance the **Wicanders** brand, and are geared towards the creation of distinctive and tailor-made ambiances. These premium products combine the benefits of cork with the look and touch of wood, presenting a universe of decoration possibilities adapted to the most demanding customer.

The comfort, design sophistication, colour versatility and environmental component of this product line, raise the creative and functional potential of wood-on-cork products to uncharted levels of performance. The different visuals made possible through advanced technology evoke a style with personality and character. **Wood**comfort product line introduces new features that strengthen the nobility of wood flooring and make it unique. The boards are 1220 mm in length and come in three different widths (88/140/185mm). Advanced brushing, painting and bevelling techniques highlight the depth and natural textures of wood, thus allowing the construction of luxurious ambiances.





# Countryside Sensations







Surfaces that celebrate time passing by in welcoming environments full of natural magic. Irresistible palette of intensive browns allies traditional forms to contemporary effects, returning a distinctive countryside charm to daily life.



Slate Olive

Ash Sahara



## Cool Serenity





Atmospheres that embrace refined luxury with smooth and relaxing colours. A space of nostalgic poetry where sensations of hospitality and relaxation invite us to get away from routine, involved in harmonious textures and intense natural nuances.



Oak Hazel

Zebrano Skin



## **Intense** feelings





Textures in dark colours and extravagant graphics, inspired by the latest fashion trends, give character to any contemporary atmosphere.



Scoria Burgundy

Ash Iron



## **Trendy** vibrations





Bold and colourful compositions in a broad range of striking textures and colours, defining a cosmopolitan and daring style. Urban environments made of vibrant and enigmatic contrasts, reflecting an expressive personality.



Pebbles Fog

Classic Sucupira

15



**Explore** our essence





### THERE'S NO PLACE LIKE HOME

Your home should be a space of internal balance, a place of pleasant re-discovery after a challenging day at work. Cork's natural properties make it an excellent sound insulator, attenuating the sounds that threaten to disturb moments of relaxation and family sharing.

### A WARM RESORT

We take care of the cork oak forests (montado) and from them take the essence of comforting atmospheres. Cork, a notable thermal insulator, inspires tranquil and comfortable environments, granting energy costs savings. Like a hug from nature, your home becomes an enveloping retreat that exhales a comforting and soothing heat for the daily renewal of body and mind.

### EASY TO WALK ON

It is a proven fact that hard surfaces worsen foot and back injuries in urban societies. A study of the **Woodcomfort** products, carried out by Valencia Biomechanics Institute, illustrates their effective biomechanical performance and influence on the balanced posture of the human body. **Wicanders** products are sufficiently soft to reduce impact on the joints and back and sufficiently stable to reduce fatigue, therefore promoting the ideal conditions for a healthy life in a comfortable and enveloping environment.

### A GIFT FROM NATURE

Cork is born from nature. It is one of the most complete materials for the creation of safe, comfortable and inspiring environments. **Woodcomfort**, adapted to the needs of modern society, reinterprets cork's applications, offering revolutionary flooring based on quality, innovative design and cutting-edge technology.

Perfect solutions that live in harmony with nature and your lifestyle.





### **PROTECT THE FUTURE OF YOUR LOVED ONES**

The sustainable feature of **Wood**comfort product line represents a fundamental contribution to the preservation of the planet, since it plays an important role in reducing global warming. The FSC (Forest Stewardship Council) certification for forest management system is an unquestionable proof, along with other certifications, of the sustainability of such coverings, reinforcing their excellence.

A commitment undertaken to nature, on behalf of a protected future for you and your loved ones.

### **LIVE AN INTELLIGENT LIFE**

**Wood**comfort product line is recyclable and environmentally friendly, positively contributing to CO<sub>2</sub> fixation. A new water-based binder – Acrodur - has been developed to reinforce its environmental component, reducing the level of non-green emissions. Its insulating properties also generate energy savings for consumers.

It is the ideal product for those who are truly nature lovers.

### **OUTSTANDING DESIGNS FOR A PERFECT CHOICE**

The vibrant designs of **Wood**comfort product line, which are available in a wide range of textures, colours and finishes, create the most diverse and surprising effects, adapted to each personality and lifestyle.

Classic or extravagant, elegant or trendy, the combinations offer total freedom in the creation of tailor-made decorations.

### **FREE YOUR WISHES**

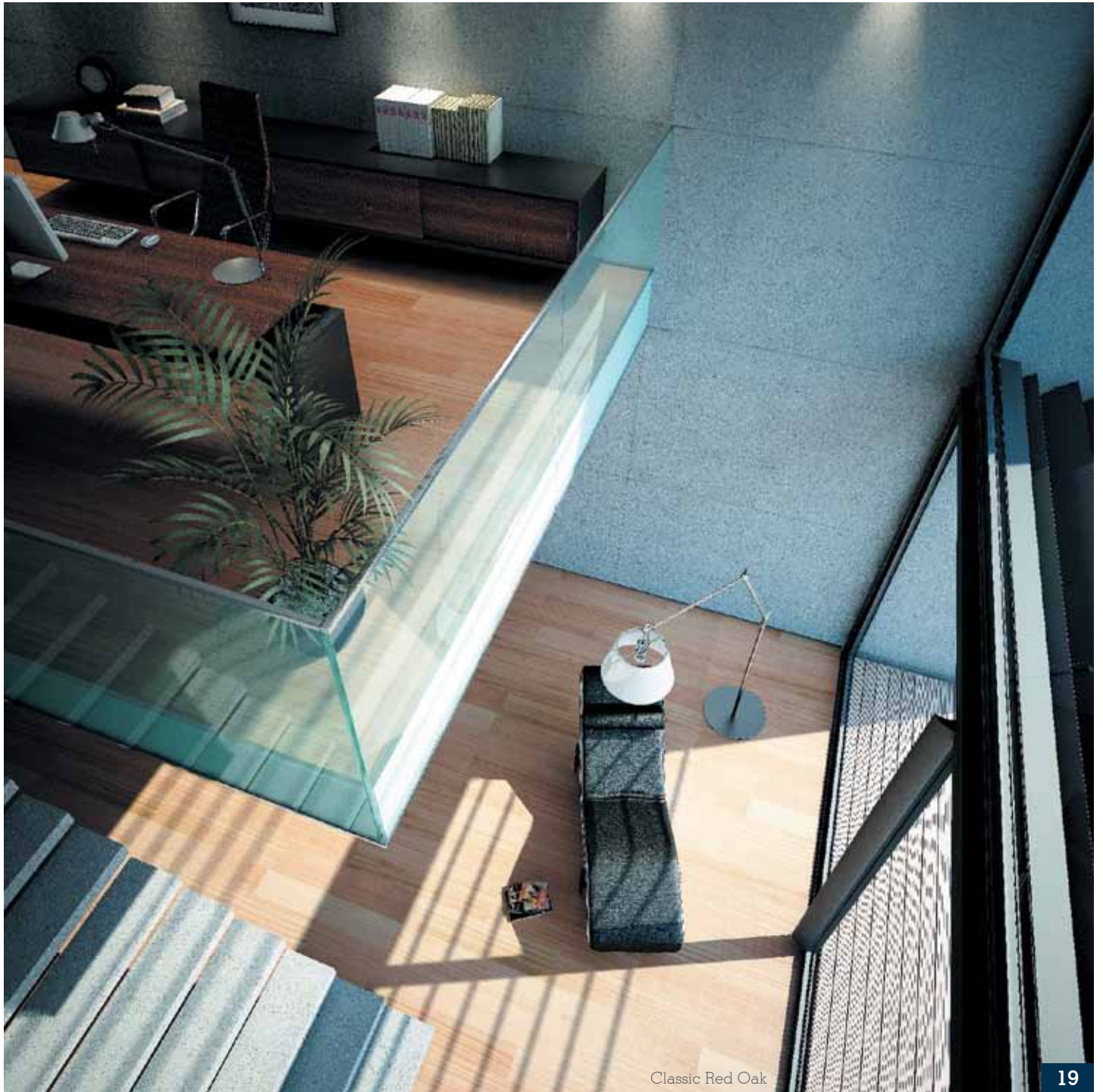
**Wood**comfort floors are highly resistant and safe thanks to their anti-slip and scratch resistant properties. These properties provide environments for sharing and living life fully, ensuring that such floors remain good looking over the years.

Feel free to live your space.

### **MAKE YOUR LIFE EASIER**

Quick and easy to install, **Wood**comfort flooring transforms your environment without interfering with your routine. The functional, hygienic and easy maintenance of this flooring make it the ideal choice for a relaxing and safe day-to-day life.

Your loved ones' health and yours is protected, leaving you without concerns and giving you more time to enjoy the sensations of an environment designed exactly as you wished.



# Woodcomfort visuals



Classic Beech



Classic Beech 3 strip



Classic Bamboo Vertical  
Medium



Hickory Rustic



Oak Toffee



Hickory Castagna



Classic Beech Brown  
Heart



Classic Red Oak 3 strip



Oak Rustic



Ash Almond



Oak Sienna

# Woodcomfort visuals



Classic Maple



Classic Maple 3 strip



Eucalyptus Oyster



Ash Sahara



Beech Sandstone



Zebrano Skin



Oak Cappuccino



Ash Brandy



Classic Ash Rustic White  
3 strip



Classic Red Oak



Classic White Oak

# Woodcomfort visuals

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Zebrano Nutmeg



Zebrano Graphite



Beech Rust



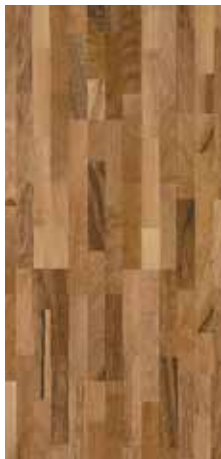
Eucalyptus Magnet



Beech Tan



Classic Walnut



Classic Walnut 3 strip



Classic European Walnut

# Woodcomfort visuals



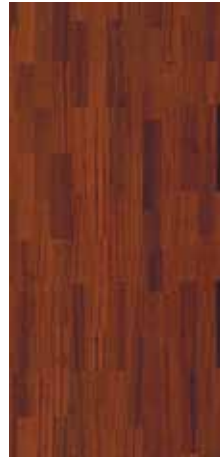
Ash Iron



Classic Sucupira



Classic Mahogany Dark



Classic Mahogany Dark  
3 strip



Oak Earth



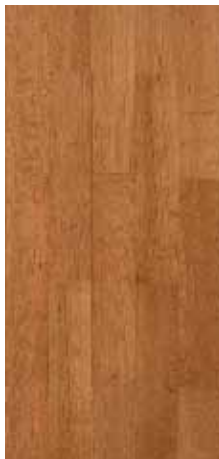
Oak Coal



Classic Mahogany Light



Classic Mahogany Light  
3 strip



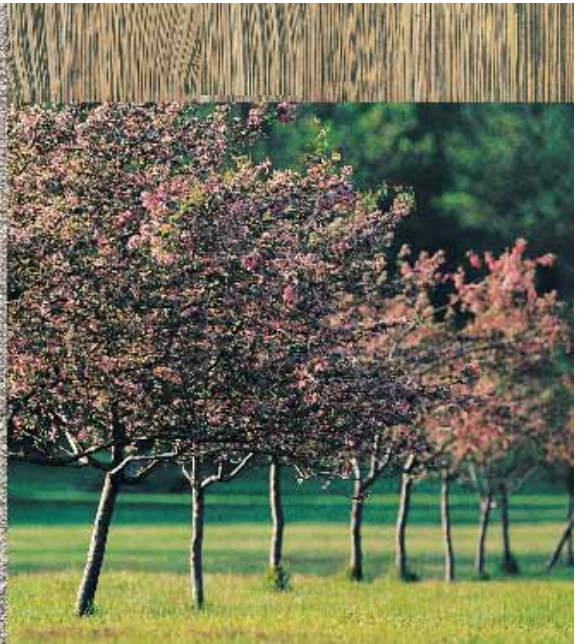
Classic Cherry



Classic Cherry 3 strip



Oak Hazel





# Product selector

		Woodcomfort floating WRT						
Dimension	mm	905x185	1220x88	1220x140	1220x185	1220x88	1220x140	1220x185
	inches	35-5/8x7-9/32	48-1/32x3-15/32	48-1/32x5-4/8	48-1/32x7-9/32	48-1/32x3-15/32	48-1/32x5-4/8	48-1/32x7-9/32
Thickness	mm	12	12	12	12	12	12	12
	inches	15/32	15/32	15/32	15/32	15/32	15/32	15/32
Brushed Surface		No	No	No	No	Yes	Yes	Yes
Bevelling		No	No	No	No	No	No	No
<b>References</b>								
Classic Mahogany Dark	1-Strip		W618002	W618003	W618004			
Classic Mahogany Dark	3-Strip	W658001						
Classic Mahogany Light	1-Strip		W601004	W601005	W601006			
Classic Mahogany Light	3-Strip	W651001						
Classic Cherry	1-Strip		W603004	W603005	W603006			
Classic Cherry	3-Strip	W653001						
Classic Red Oak	1-Strip		W604003	W604004	W604005			
Classic Red Oak	3-Strip	W654001						
Classic Beech	1-Strip		W605004	W605005	W605006			
Classic Beech	3-Strip	W655001						
Classic Maple	1-Strip		W606004	W606005	W606006			
Classic Maple	3-Strip	W656001						
Classic Walnut	1-Strip		W614004	W614005	W614006			
Classic Walnut	3-Strip	W657001						
Classic White Oak	1-Strip		W609004	W609005	W609006			
Classic Sucupira	1-Strip		W617004	W617005	W617006			
Classic Ash Rustic White	3-Strip	W662001						
Classic Beech Brown Heart	1-Strip			W627003				
Classic European Walnut	1-Strip			W629003				
Classic Bamboo Vertical Medium	1-Strip			W625003				
Oak Rustic	1-Strip						W6A7001	W6A7002
Oak Earth	1-Strip					W6A4001	W6A4002	W6A4003
Oak Hazel	1-Strip					W6A2001	W6A2002	
Oak Cappuccino	1-Strip						W6A1001	
Oak Toffee	1-Strip						W6A5001	
Oak Sienna	1-Strip						W6A6001	
Oak Coal	1-Strip					W6A3001	W6A3002	
Ash Brandy	1-Strip						W6B3001	
Ash Sahara	1-Strip						W6B2001	W6B2002
Ash Iron	1-Strip					W6B5001	W6B5002	
Ash Almond	1-Strip					W6B6001	W6B6002	W6B6003
Hickory Rustic	1-Strip						W6C4001	W6C4002
Hickory Castagna	1-Strip						W6C3001	W6C3002
Zebrano Skin	1-Strip		W6B9001	W6B9002				
Zebrano Nutmeg	1-Strip		W6C2001	W6C2002				
Zebrano Graphite	1-Strip		W6C1001	W6C1002				
Beech Sandstone	1-Strip						W6A8001	W6A8002
Beech Tan	1-Strip						W6B1001	
Beech Rust	1-Strip					W6A9001	W6A9002	
Eucalyptus Oyster	1-Strip		W6B7001	W6B7002				
Eucalyptus Magnet	1-Strip		W6B8001	W6B8002				

# Technical Solutions

FLOATING  
FLOOR



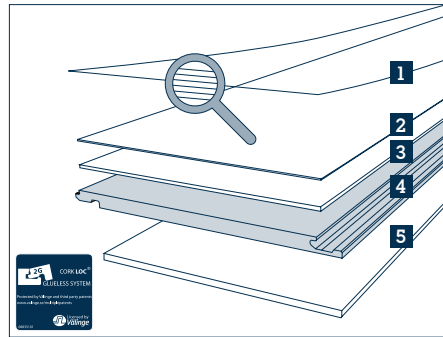
Home



Commercial

This technical solution combines the elegant look of wood with the natural comfort of cork.

Xtreme WRT varnish resists even to the most extreme conditions enhancing wood's natural beauty.



## 1.0 XtremeWRT Varnish

- 1.1 Top coat
- 1.2 2nd ceramic layer
- 1.3 Sand sealer
- 1.4 1st ceramic layer
- 1.5 filler
- 1.6 Adhesion promoter

## 2.0 Genuine wood veneer

- 3.0 Flexible and insulating cork layer
- 4.0 HDF - high density fibreboard with CORKLOC®

- 5.0 Integrated insulating cork underlay

# Technical Data Sheet

Test	Standard - Test Method	Unit	Woodcomfort Floating WRT
<b>Level of use</b>	<b>EN 685</b>		
Domestic		Class	23 
Commercial		Class	31 
<b>General properties</b>	<b>EN 14085 + EN 12104</b>		
Dimensions	EN 427 / EN 428	mm	905x185x12 · 1220x88x12 · 1220x140x12 · 1220x185x12
	EN 427 / EN 428	Inches	35-5/8x7-9/32x15/32 · 48-1/32x3-15/32x15/32 48-1/32x5-4/8x15/32 · 48-1/32x7-9/32x15/32
	EN 427	%	± 0.10% up to With: max. 0.5 mm; Length: max. 2.0 mm
Overall thickness	EN428	mm	± 0.25
Squareness	EN427	mm	≤ 0.50
Straightness measured at the surface layer	EN427	mm	≤ 0.30
Mass per unit area	EN 430	g/m <sup>2</sup>	Nominal value (9500) ±10%
Dimensional stability (humidity)	EN 669 (Annex C)	%	≤ 5
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
<b>Classification properties</b>	<b>EN 12104 + EN 14085</b>		
Overall thickness of the cork layer	EN 429	mm	≥ 3.0
Residual indentation	EN433	mm	≤ 0.45
Castor chair	EN425	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
<b>Safety properties</b>	<b>EN14041</b>		
Fire resistance	EN13501-1	Class	Eif s1
Slip Classification	EN 13893	Class	DS
Formaldehyde emission	DIN EN 717-1	Class	E1
Electrical behaviour	EN 1815	KV	Not Antistatic
Content pentachlorophenol (PCP)	CEN/TR 14823 (Ihd-W 409)	mg/Kg	PCP Free
<b>Optional properties</b>			
Stains Resistance	EN 423 (a)	Grade	Grade 0 (b)
Thermal resistance	EN 12664	(m <sup>2</sup> K)/W	R ≤ 0.150
Impact sound reduction	ISO 140-8	dB (Δ L <sub>w</sub> )	15
Step sound	NF S 31 - 074	dB (L <sub>n,e,w</sub> )	81
Gloss	Glossmeter (60°)	Degrees Gardner (°G)	10 ± 3°

(a) The following products were tested: Desinfectant, C2H5OH, NH4OH, Citric Acid, Iodine

(b) Grade 0 - Unchanged / Grade 1 - Very little change / Grade 2 - Little change / Grade 3 - Change / Grade 4 - Strong Change



# AMORIM

Excellence in flooring



**NL/BE/LU/FR** Amorim Benelux B.V., +31 166 604 111 ..... info.ar.nl@amorim.com

**DE** Amorim Deutschland GmbH, +49 4221 59 301 ..... germany.ar.de@amorim.com

**AT** Amorim Flooring Austria, +43 1 545 16 51 0 ..... austria.ar.de@amorim.com

**CH** Amorim Flooring (Switzerland) AG, +41 41 726 20 20 . info@amorim.ch

**PT** Amorim Revestimentos S.A., +351 22 747 5250 ..... aid.ar@amorim.com

**ES** Amorim Revestimentos, S.A., +34 902 307 407 ..... info.ar.es@amorim.com

**CN** Amorim Revestimentos - Beijing, +86 10 58672159 ..... amorimre@macau.ctm.net

**JP** Amorim Japan Corporation, +81 50 1184 5995 ..... otoiawase-ar@amorim.co.jp

**DK/FI/NO/SE** Amorim Flooring Nordic A/S, +45 44 681 900 ..... mail@amorim-flooring.dk

**PL** Dom Korkowy, Sp. z o.o., +48 12 637 9639 ..... krakow@domkorkowy.pl

**US/CA** Amorim Flooring North America, +1 410 553 6062 ..... info.ar.us@amorim.com

**Others** Amorim Revestimentos, S.A., +351 22 747 5600 ..... geral.ar@amorim.com

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

