

Woodcomfort



Charming styles
with the comfort of cork

Nature at your feet



Excellence in flooring

Amorim Revestimentos, the worldwide market leader of cork flooring, places nature on the starting point for a better future, investigating and creating flooring solutions that, without affecting the environment, ensure a higher quality of life.

Being present in more than 51 countries, Amorim Revestimentos' International flooring portfolio and brands, are known throughout the world as pioneers in creating top-quality, ground-breaking solutions.

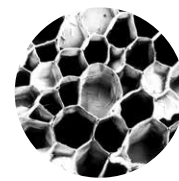
Wicanders®, Amorim Revestimentos' premium brand, has been producing flooring since 1868, always inspired on nature's most pure values and using avant-garde technologies to provide high quality, ecologic and stylish flooring.

Wicanders® has an unsurpassed reputation for providing high standard and unique comfortable flooring solutions, following the latest decoration tendencies and targeting both residential and commercial market segments.

Cork - A truly nature's miracle!

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. Cork is ideal in terms of the ever increasing demand for conservation of natural resources.

It has unique and incomparable qualities which no ingenious human has yet managed to copy or improve. Cork is made of 40 millions cells per cm³ resembling a "honeycomb structure" which protects the tree from weather temperatures sharp changes. Each cell functions as a miniature natural thermal insulator and also provides above standard sound insulation and shock absorber properties.



Microscopic photo of cork

The exclusive natural qualities of cork make it ideal to use in flooring as it reduces sound, provides an optimal floor temperature throughout the year and is comfortable to walk on.



The fusion of natural **Wood with Cork flooring**

NATURAL NOISE ABSORBER

Wood floors can be very quiet. The core cork layer plays a vital role in reducing noise transmission between and within rooms. Cork's natural properties make it an excellent sound absorber, creating a quiet and peaceful environment in your space.



EASY TO WALK ON

The **Wood**comfort floors are very comfortable to use due to cork's natural and inherent flexibility. This ability makes it stable enough to decrease fatigue and provide a unique comfort in movement.



OPTIMAL FLOOR TEMPERATURE

The core cork layer plays a vital role in improving the thermal insulation of the floor. The unique thermal insulation features of cork provide an optimal floor temperature all year round, assuring a more warm and comfortable ambience with energy cost savings.



A HEALTHY CHOICE

Cork's shock absorbing characteristics relieve strain on your feet, joints, legs and back and prevent injuries when falling. Besides that, cork has also anti-bacterial qualities that make it an allergy-friendly floor.



IMPACT RESISTANCE

The high quality of the wear layer of **Wood**comfort floors makes it extremely resistant to scratches and abrasion. The additional cork core layer has the ability to bounce back from hard impacts due to its elasticity, giving to the floor additional robustness. These factors make it the perfect floor to suit high-demanding areas.



Woodcomfort

The timeless beauty, a trend that never ages.

The combination of the most natural materials such as wood and cork brings into outstanding comfort and glamour without endangering the sustainability of you

The vibrant designs of Woodcomfort create the most diverse and surprising adapted to each personality and lifestyle.

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

Quiet & Comfortable

Improve quality of life

Natural & Conscious

The most sustainable wood flooring

Noble & Durable

The timeless beauty

Charming Styles
with the comfort of cork

to your floor
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More than just a wood floor!

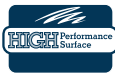
Wicanders® **Woodcomfort** floors have been developed over the years to provide the perfect match between beauty, comfort and the highest standards of durability.

Made of a multilayer structure, they offer a unique and extremely comfortable flooring solution, due to the excellent acoustic and thermal properties given by a resilient and durable incorporated cork layer.

With **Woodcomfort** floors there is no need

to invest in extra underlay to improve sound and thermal properties.

The high performance surface finish (HPS) of **Woodcomfort** floors makes it extremely resistant to scratches and abrasion. This finishing achieves a wear rating of 42 (according to EN 685 classification) and has been developed not only for long lasting domestic areas but also to fit heavy traffic areas, such as commercial, business or general public areas.



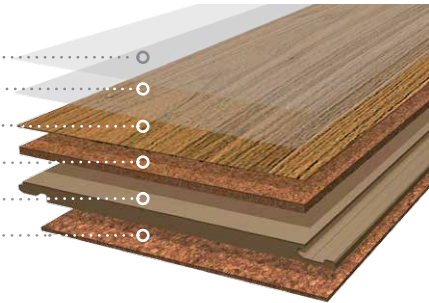
HPS surface finish (High Performance Surface) has an extra hard wearing surface combined with Nano-Beads Technology, where extremely tiny beads are embedded in a top layer for improved properties such as scratch, slip, scuff and stain resistance.

Floating solution

With the glue-less Corkloc® installation system, simply put the planks together and securely click them into place. It is a very quick, safe and clean solution.

Available in the trendy format of 1220x140mm, with 4 sides micro-beveling.

- HPS varnish
- Hard wearing surface
- Genuine wood veneer
- Flexible and insulating cork layer
- HDF - high density fibreboard
- Integrated insulating cork underlay

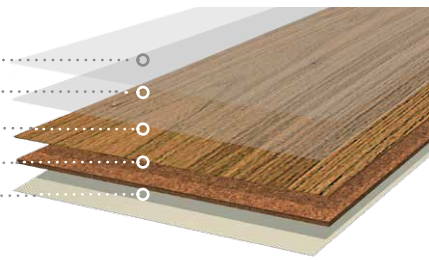


Glue down solution

The glue down solution with its 3,2mm thickness is ideal for renovation projects and provides superior comfort and minimal step-sound. It only requires the use of one side acrylic adhesive which saves time and reduces installation expenses.

Available in the elegant plank format of 900x150mm.

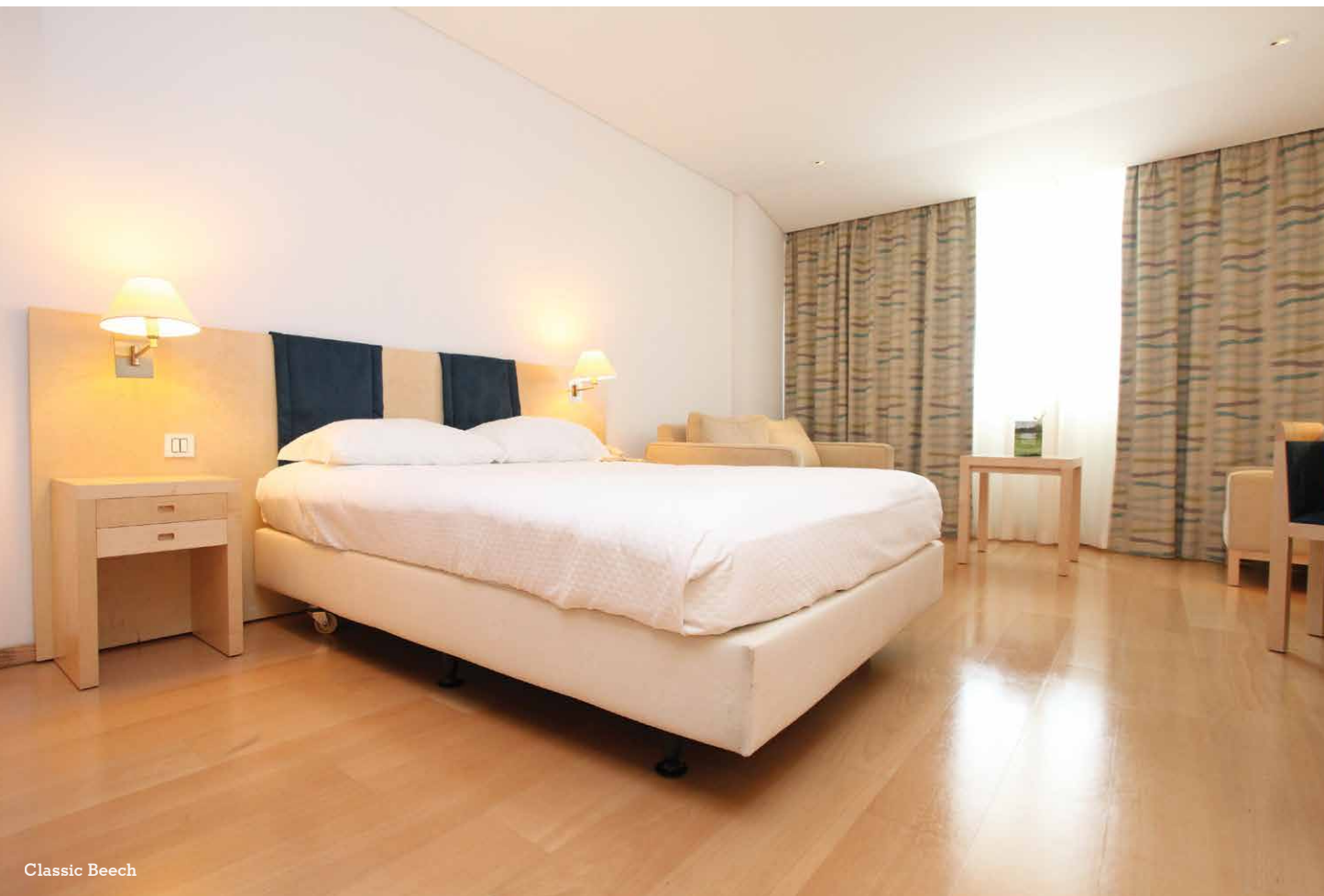
- HPS varnish
- Hard wearing surface
- Genuine wood veneer
- Flexible and insulating cork layer
- Vinyl backing layer



Bright shades

Creating light and cosy spaces

The clean shades are the heritage of nowadays Nordic designs and decoration phenomenon, where the light always takes the leading role. The design is simple but elegant and its naturalness invites you to create pure and serene interiors.



Classic Beech



Classic Beech

W305007 - 1220 x 140 x 12mm | **Floating** HPS
W405002 - 900 x 150 x 3,2mm | **Glue down** HPS



Classic White Oak

W309006 - 1220 x 140 x 12mm | **Floating** HPS
W409001 - 900 x 150 x 3,2mm | **Glue down** HPS







Timeless **rustic light** shades give to spaces a Scandinavian flair that will create cosy and relaxed atmospheres.



Oak Cappuccino

W3A1001 - 1220 x 140 x 12mm | **Floating** HPS

W4A1001 - 900 x 150 x 3,2mm | **Glue down** HPS



Oak Rustic

W3A7001 - 1220 x 140 x 12mm | **Floating** HPS

W4A7001 - 900 x 150 x 3,2mm | **Glue down** HPS



Reddish shades

Create warming and vivid spaces

The Reddish Shades are the perfect choice to create a warm and comfortable atmosphere with a touch of vitality and life.





Classic Cherry

W303007 - 1220 x 140 x 12mm | **Floating HPS**

W403002 - 900 x 150 x 3,2mm | **Glue down HPS**



Classic Red Oak

W304006 - 1220 x 140 x 12mm | **Floating HPS**

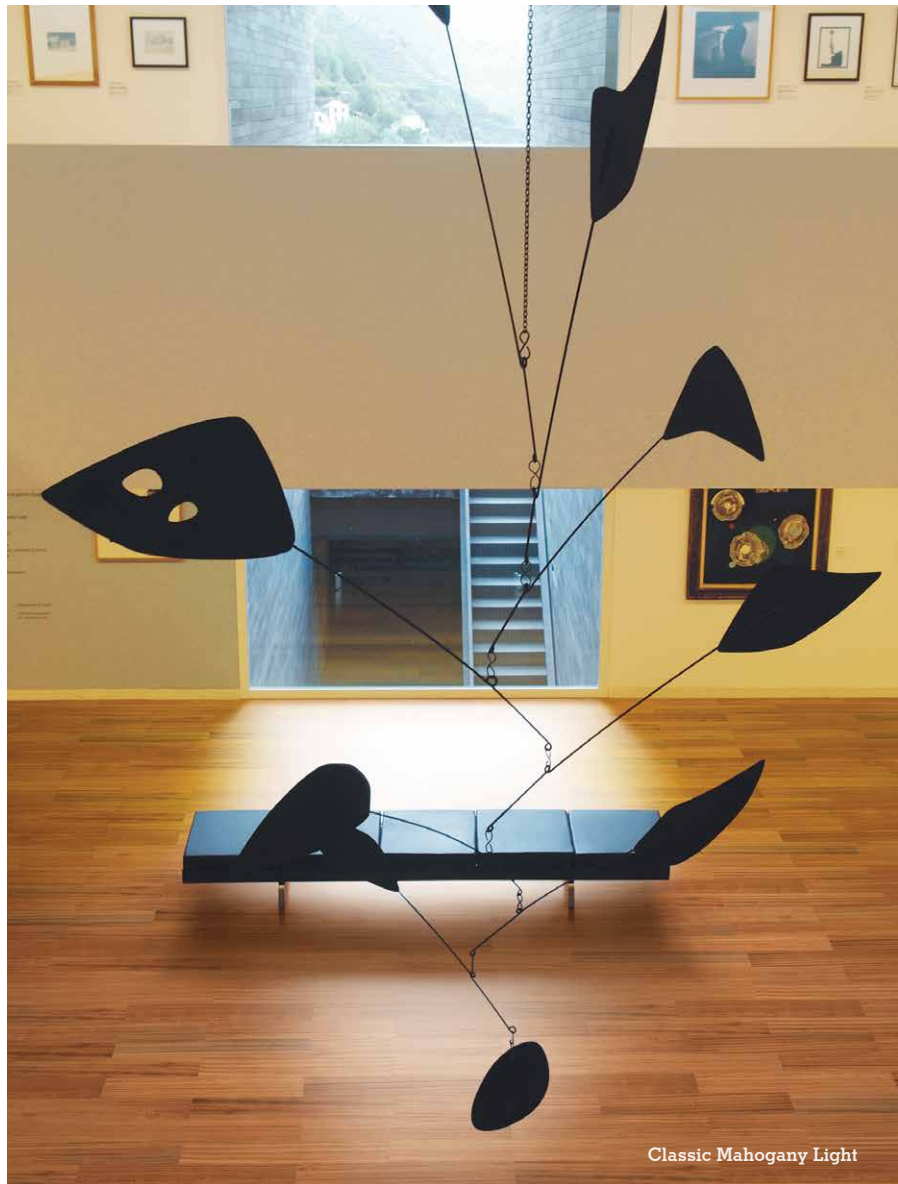
W404002 - 900 x 150 x 3,2mm | **Glue down HPS**



Classic Mahogany Light

W301007 - 1220 x 140 x 12mm | **Floating HPS**

W401002 - 900 x 150 x 3,2mm | **Glue down HPS**



Classic Mahogany Light

Dark shades

Radiate noble elegance and charm

Dark Shades will reinforce the nobleness character of your space in a charming and sophisticated atmosphere.



Classic Sucupira

W317007 - 1220 x 140 x 12mm | **Floating HPS**
W417002 - 900 x 150 x 3,2mm | **Glue down HPS**





Classic Walnut

W314007 - 1220 x 140 x 12mm | **Floating HPS**

W414001 - 900 x 150 x 3,2mm | **Glue down HPS**



Oak Toffee

W3A5001 - 1220 x 140 x 12mm | **Floating HPS**

W4A5001 - 900 x 150 x 3,2mm | **Glue down HPS**



Ash Iron

W3B5002 - 1220 x 140 x 12mm | **Floating HPS**

W4B5001 - 900 x 150 x 3,2mm | **Glue down HPS**



Oak Coal

W3A3002 - 1220 x 140 x 12mm | **Floating HPS**

W4A3001 - 900 x 150 x 3,2mm | **Glue down HPS**



Classic Walnut

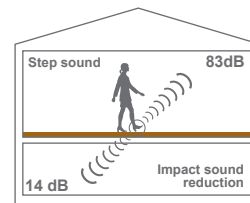
Why are Wicanders® Woodcomfort floors the perfect choice?

Acoustical properties - Sound reduction

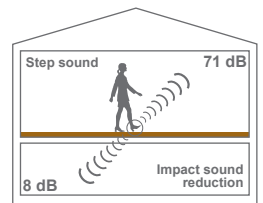


Woodcomfort cork floors are exceptionally efficient to use whenever noise reduction is critical, or desired. Cork is an extremely efficient natural sound absorber, cutting noise within a room when someone walks on the floor (step sound) and even acting as a noise buffer between the floor and the rooms underneath (impact sound).

Woodcomfort Floating

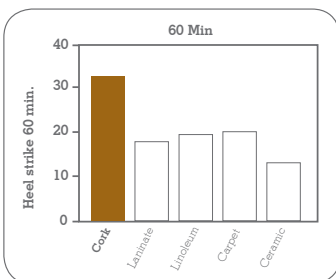


Woodcomfort Glue down



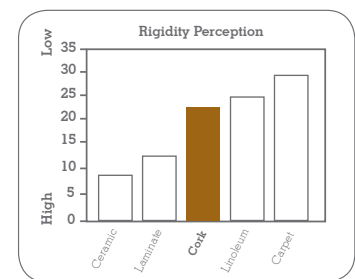
Biomechanical Properties - Physical comfort

Impacts/ Shock Absorbing



Woodcomfort cork floors are very comfortable to use due to cork natural and inherent flexibility. Softer than wood and harder than carpets, the perfect mix to reduce heel strike impacts, relieving leg and back stress, but stable enough to help the foot impulse, reducing the walking effort and decreasing fatigue.

Rigidity/ Fatigue

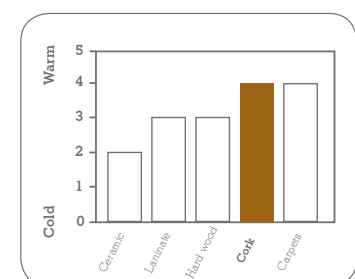


Thermal Properties - Warmth



The natural thermal insulation properties of cork make Woodcomfort floors very energy efficient, providing a pleasant touch, even with bare feet, and an optimal floor temperature all year round which contributes to the overall comfort.

Thermal Comfort





Healthy

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



Impact resistant

Due to the unique cork structure and flexibility, cork floor surface has the ability to “bounce” back from impacts, making it more durable and resistant than hard surface floors, like wood or tiles.



Low & Easy Maintenance

The special surface finishes of Cork floors make them easier to clean and maintain.



Fast&Easy Installation

Floating floors with locking system Corkloc® 2G are easier and faster to install. Saves time and reduces installation expenses.



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.

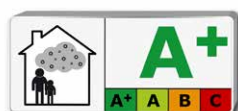


Think green choose Cork products!

Wicanders® cork integrated products use a truly sustainable material! 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 CO₂.

It is estimated that the Portuguese cork oak forest – montado – is responsible for retaining 5% of the country's annual CO₂ emission, representing 4.8 million tons per year.



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 CO₂, 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**



Product Selector

	Woodcomfort Floating HPS	Woodcomfort Glue down HPS
Class of Use (EN685)	33	42
Dimension (mm)	1220 x 140	900 x 150
Thickness (mm)	12	3,2
Beveling	4 sides micro beveling	No
Commercial Reference		
Classic Mahogany Light	W301007	W401002
Classic Cherry	W303007	W403002
Classic Red Oak	W304006	W404002
Classic Beech	W305007	W405002
Classic Walnut	W314007	W414001
Classic White Oak	W309006	W409001
Classic Sucupira	W317007	W417002
Oak Rustic	W3A7001	W4A7001
Oak Cappuccino	W3A1001	W4A1001
Oak Toffee	W3A5001	W4A5001
Oak Coal	W3A3002	W4A3001
Ash Iron	W3B5002	W4B5001

Technical Data Sheet

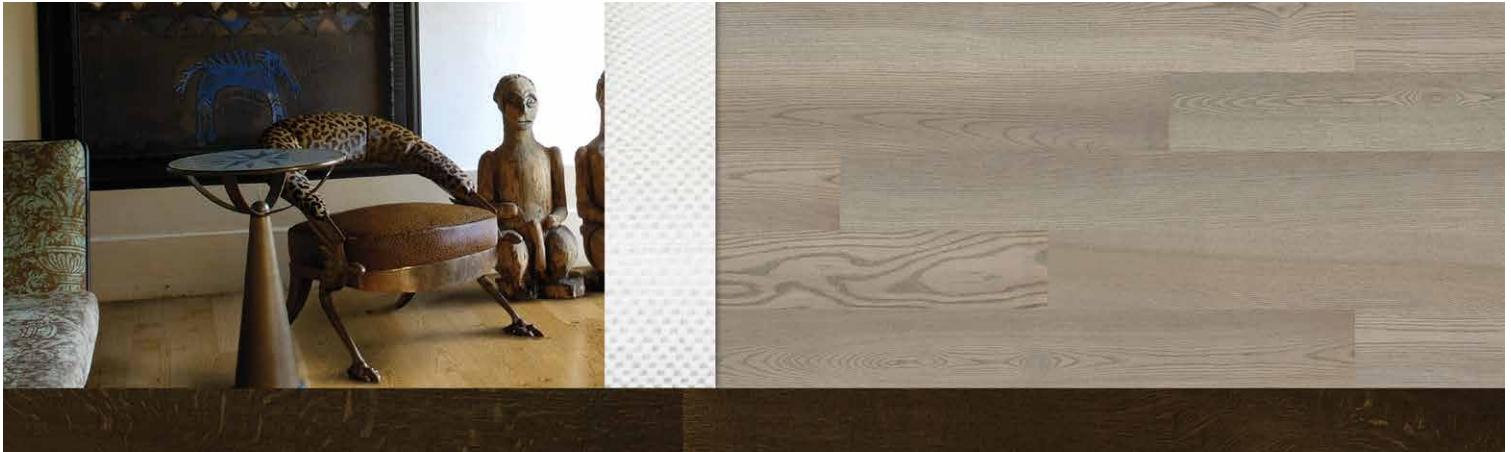
			Woodcomfort Floating HPS 1220 x 140 x 12mm	Woodcomfort Glue down HPS 900 x 150 x 3,2mm	
Level of use Domestic	EN 685	Class	23 	23 	
Level of use Commercial	EN 685	Class	33 	33 	
Level of use Industrial	EN 685	Class	-	42 	
Finish Description			UV-cured Acrylic varnish with nano particles		
General properties - EN 655 + EN 14085 / EN 12104		Standard - Test Method	Unit	Specification	Specification
Dimensions Width: Length:	EN 427	mm	± 0,10% up to max. 0,5 mm max. 2,0 mm	≤ 0,13% up to 0,5mm max.	
Overall thickness	EN 428	mm	± 0,25	± 0,20	
Squareness	EN 427	mm	≤ 0,50	-	
Straightness measured at the surface layer	EN 427	mm	≤ 0,30	-	
Squareness and Straightness: Side length ≤ 400mm Side length > 400mm	EN 427	mm	-	≤ 0,25 ≤ 0,35	
Thickness of agglomerated composition cork base	EN 429	mm	-	2,5	
Thickness of polyvinylchloride backing (average)	EN 429	mm	-	(0,25mm) ± 10%	
Wear layer density	EN 436	Kg/m ³	Nominal value (1360) ± 50	Nominal value (1360) ± 50	
Mass per unit area	EN 430	g/m ²	Nominal value (9500) -10%; + 13%	Nominal value (2900) +13%; -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	-	
Curling after exposure to heat	EN 434	mm	-	≤ 6	
Peel resistance	EN 431	N/50mm	-	≥ 35	
Classification properties - EN 655 + EN 14085					
Wearing Group	EN 660-1	Thickness loos (Δ l mm)	Wear group T	Wear group T	
Overall thickness	EN 428	mm	-	≥ 3,0	
Thickness of wear layer (Wear Group T)	EN 429	mm (Nominal value)	≥ 0,5	≥ 0,5	
Residual indentation	EN 433	mm	≤ 0,25	≤ 0,20	
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	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	No damage shall be visible after testing with a type 2 foot	
Safety properties - EN14041					
Fire resistance	EN 13501-1	Class	Bfl s1	Bfl s1	
Slip Classification	EN 13893	Class	DS	DS	
Formaldehyde emission	DIN EN 717-1	Class	E1	E1	
Electrical behaviour	EN 1815	KV	Not Antistatic	Antistatic	
Content pentachlorophenol (PCP)	CEN/TR 14823 (ihd-W 409)	mg/Kg	PCP Free	PCP Free	
Optional properties					
Stains Resistance	EN 423 (a)	Grade	Grade 0 (b)	Grade 0 (b)	
Thermal resistance	EN 12667	(m ² K)/W	0,098	0,024	
Impact sound reduction	ISO 140-8	dB (Δ L _w)	14	8	
Step sound / Step sound reduction	NF S 31 - 074	L _{n,e,w} (dB)/ΔE _{pw} (dB)	83	71/5 (c)	
Gloss	Glossmeter (60°)	Degrees Gardner (°G)	12 ± 3°	12 ± 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
 (c) Slab with Woodcomfort glue down HPS reduces the step sound in 5dB when compared with the reference slab.



AMORIM

Excellence in flooring



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