

# WICANDERS UP INNOVATE AND PROTECT

WICANDERS UP  
ACCESS FLOOR COVERING



WICANDERS®

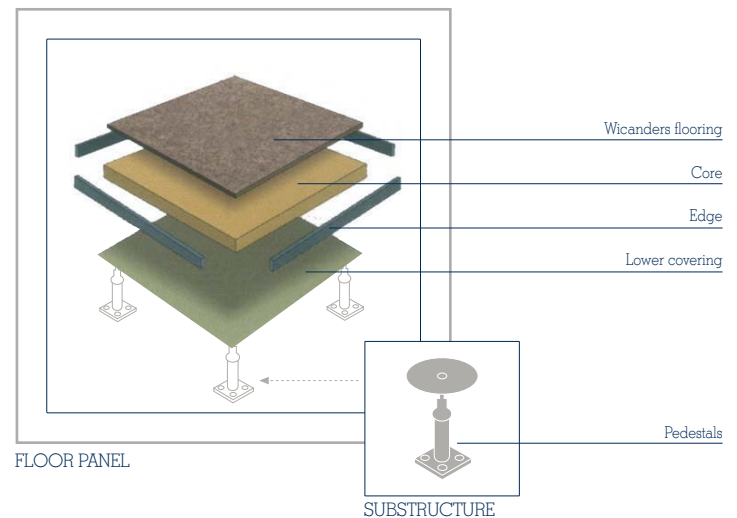
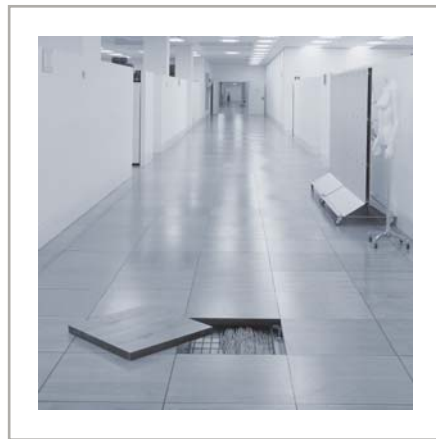
CORK FLOORING SINCE 1868

# WICANDERS UP THE NATURE OF INNOVATION



Since 1868, Wicanders has been selecting quality raw material that guarantees the best floor covering solutions in the marketplace. Cork, which comes from the south of Portugal, is harvested from the cork oak tree every nine years. This is the time it takes for these trees to produce the essential structure that provides our raw material with its unique properties, and makes it the best insulating material in the world. Nowadays, Wicanders spans the entire world, combining the best that nature has to offer with the most innovative technology.

# GREAT ADVANTAGES SQUARED



Raised Access flooring is a solution that is becoming increasingly popular for commercial spaces and modern offices. It is the ideal system for high traffic areas, which guarantees extreme flexibility, energy efficiency and easy maintenance.

Wicanders has specially created an upper layer covering for this type of flooring, which is unique on the market. Wicanders Up is the only floor covering that is 3.2 mm thick and is available in a wide range of cork and wood visuals.

Discover the full potential and advantages of Wicanders Up, which combine the natural features of cork with advanced technical performance.

# PROOF OF THE BENEFITS

## Durability



With an amazing cork structure and a highly resistant wear layer, this flooring withstands high traffic flow, guaranteeing increased levels of reliability and longevity.

- For commercial and industrial spaces, classes of use (EN685) 23, 33 and 42.
- 15-year guarantee.

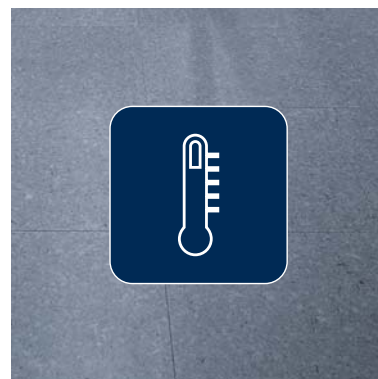
## Fire Reaction



This flooring has good fire reaction properties and is tested according to the following standards:

- DIN 4102-B1 Fire Resistance.
- ASTM E-662 Specific Optical Density of Smoke.
- ASTM E-648 Critical Radiant Flux
- EN 13501, class Cfls1

## Thermal Insulation



The thermal insulation properties of cork give the flooring a pleasant temperature all year round.

## Silence



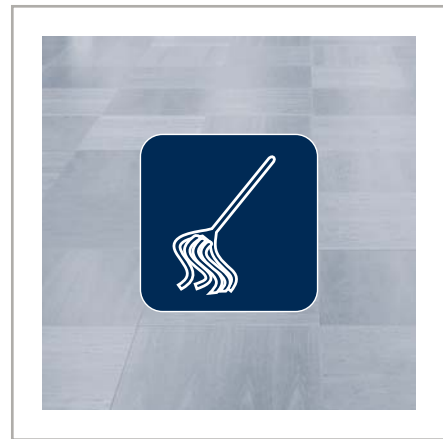
Wicanders Up provides high levels of soundproofing inside the room and adjacent areas.

## Design



The variety of finishes available in different types of natural wood, cork textures and colours allow the creation of different flooring combinations and personalisation, through the screen printing of logos.

## Easy Maintenance



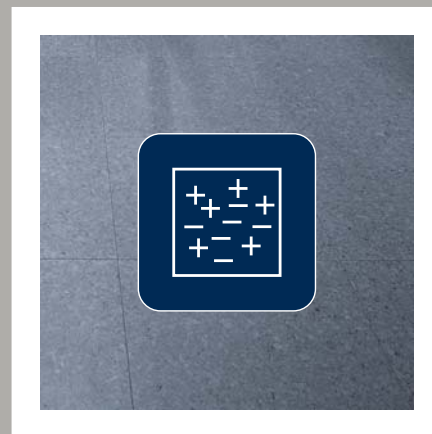
The special HPS finish facilitates cleaning and maintenance. A vacuum cleaner and a damp cloth are all that is needed to keep the floor clean and in good condition.

## Healthy



The special finish of the floor covering surface also prevents the retention of dirt and the growth of fungus or germs, thereby reducing allergy risks.

## Astatic Floor

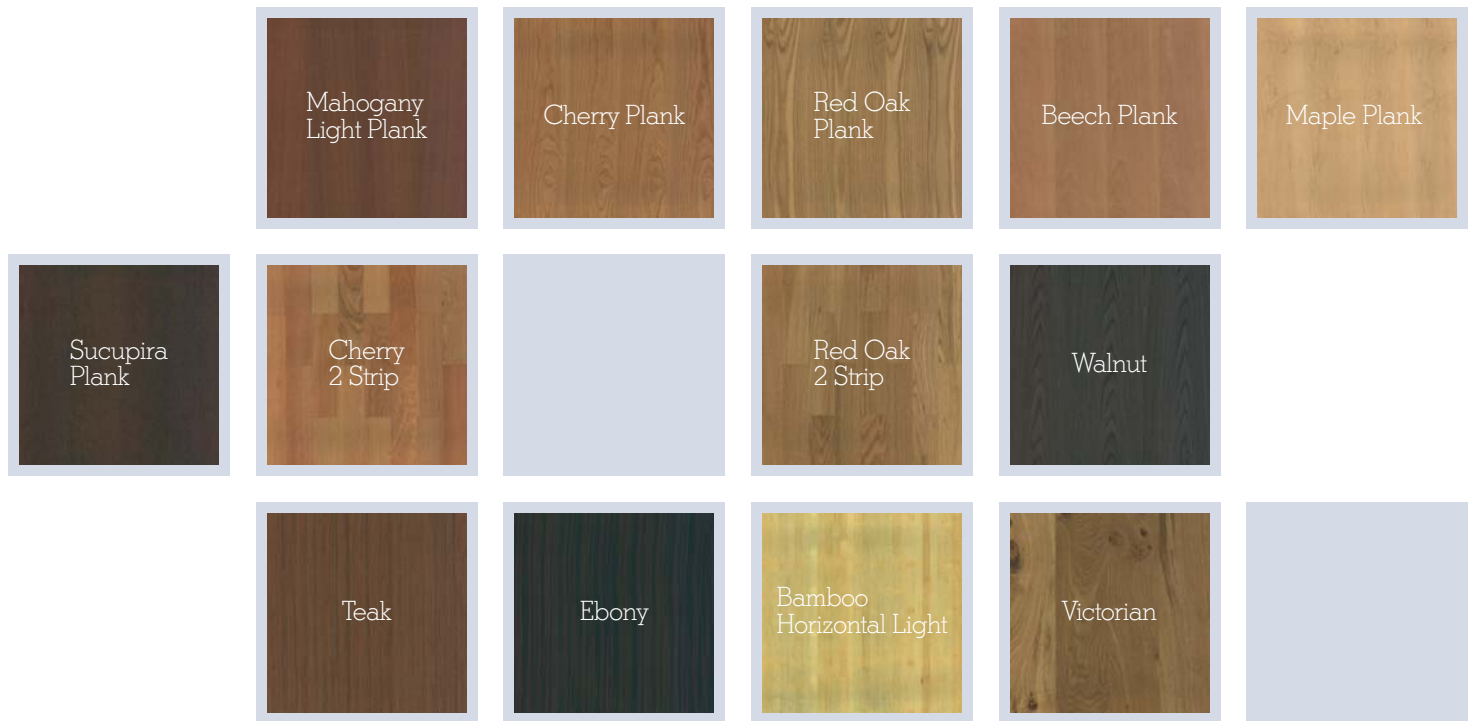
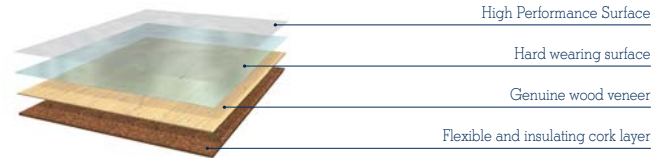


Wicanders UP eliminates any discomfort caused by static electricity build up. The average body voltage when walking across Wicanders UP in accordance with the standards EN 1815 and ISO 6356 was found to be: "Ubody < 2000V, as specified in the standard IEC 61340-4-1 for the classification Astatic Floor (ASF)".

The average vertical resistance (Rv) and horizontal resistance (Rh) comply with the EN 1801 standard.

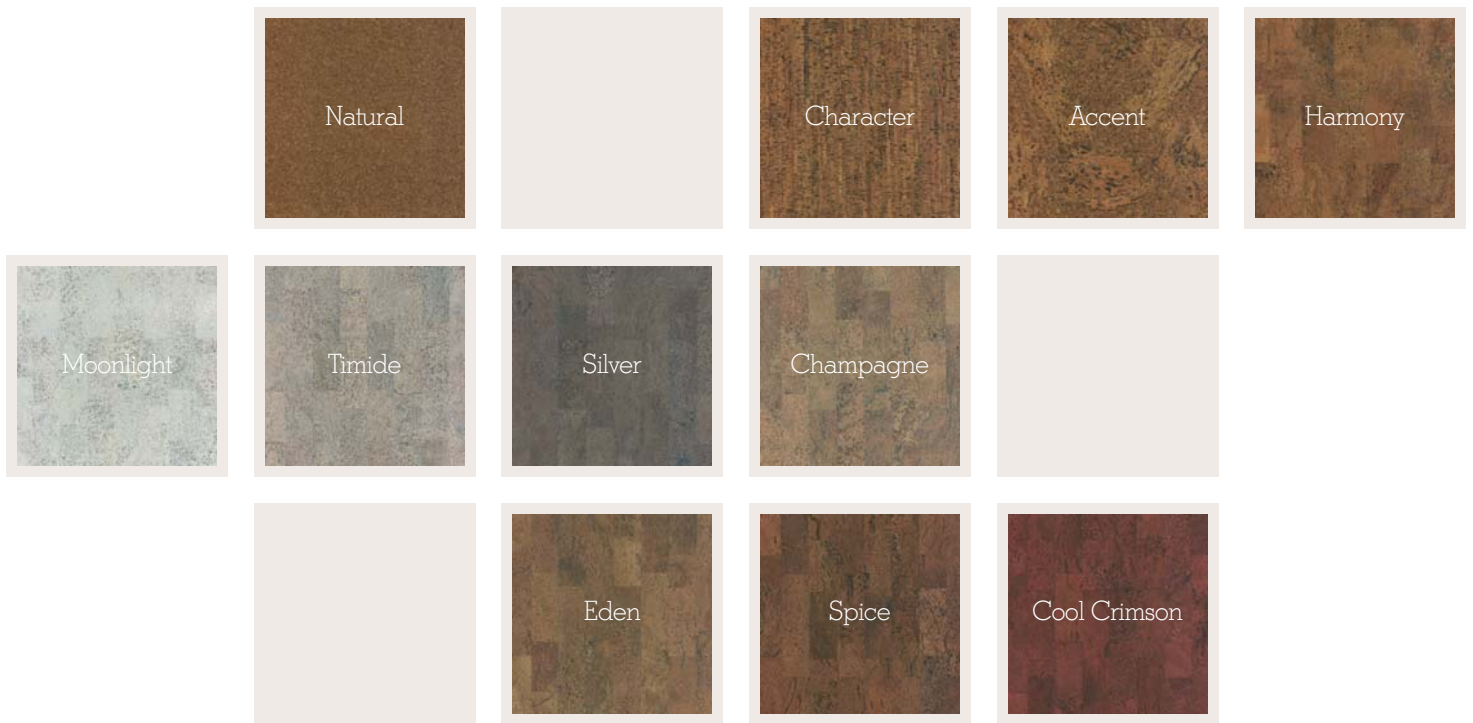


The highly resilient surface finish, guarantees a uniform shine and the natural look of the wood. This finish also meets the most demanding durability requirements.





With genuine cork, this covering also has a highly resistant surface, recommended for use in high traffic areas.





# HIGH PERFORMANCE SURFACE



**HPS - High Performance Surface** is based on nano beads technology, where extremely tiny beads are embedded in the top layer, improving properties such as **scratch, slip, scuff** and **stain resistance**.

The most recent innovation from WICANDERS - **High Performance Surface** - is specially recommended for commercial areas. Due to this new protection system, the floor maintains its properties adding much more resistant for today demanding flooring requirements.

This is the ultimate treatment: reinforcing the wear resistance level and giving a higher level of protection.

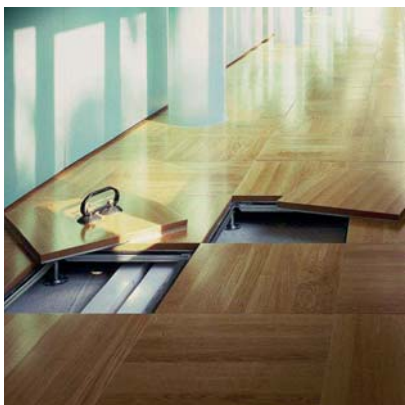
- **Scratch resistant**
- **Scuff resistant**
- **Slip resistant**
- **Stain resistant**

All of these features incorporate a **Matt Finish** which enhances the natural beauty of the surface (wood or cork).

The result is environmentally **friendly flooring** offering cork's unique benefits that other floors can't match **comfort, warmth, easy cleaning, and low maintenance with a long life cycle** properties mindful of today's need for conservation. Cork floors are a true environmental flooring alternative.







# ACCESS TO GREAT IDEAS

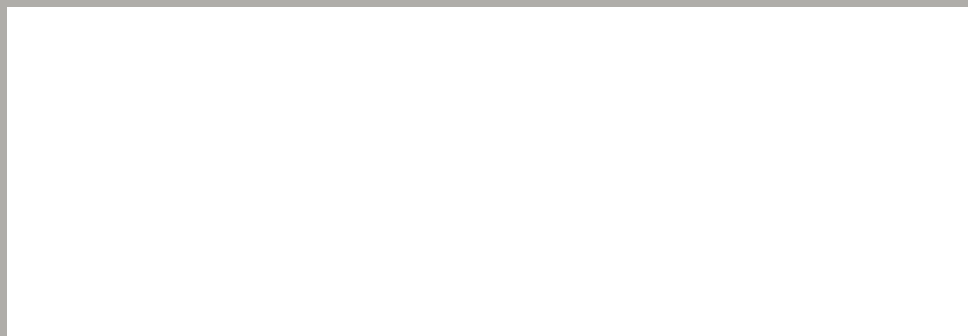


Whatever the scale of the project, a new building or refurbishment, Wicanders Up is always going to provide the best results. Discover some of the most noteworthy installations and be inspired.

# Technical Data Sheet

Test	Standard	Unit	SERIES 2000	SERIES 4000
Level of use				
Domestic	EN 685	Class		
Commercial	EN 685	Class		
UPEC Rating	NF	Class	U <sub>3</sub> P <sub>3</sub> E <sub>2</sub> C <sub>2</sub>	U <sub>3</sub> P <sub>3</sub> E <sub>2</sub> C <sub>2</sub>
<b>General Properties</b>				
Dimensions	EN 427	mm	613x613x3,2	613x613x3,2
		Inches	24-1/8 x 24-1/8 x 1/8	24-1/8 x 24-1/8 x 1/8
Wear layer thickness	EN 429	mm	0,50	0,50
Apparent density	EN 672	Kg/m <sup>3</sup>	>800	>800
Mass per unit area	EN 430	g/m <sup>2</sup>	2700	2900
Apparent density	EN 434	%	Direction 1: - 0,07 Direction 2: - 0,12	Length: - 0,10 Width: - 0,40
<b>Safety properties</b>				
Fire resistance	DIN 4102-1	Class	B1	B1
	DS/INSTA 414	Pass/fail	Passes	Passes
	UNE 23.727-90	Class	M3	M3
	SS 024825 (NT Fire 007)	Class	G	G
	NF	Class	M3	M3
	EN13501-1	Class	C <sub>fs</sub> 1	C <sub>fs</sub> 1
	C.S.E. RF 2/75/A-RF 3/77	Class	1	1
Surface flammability	DOC FF 1-70	Pass/fail	Passes	Passes
Critical radiant flux	ASTM E 648	Watts/Cm <sup>2</sup>	.40	.40
Specific optical density	ASTM E 662-97	Density	Flaming: 279.3 Non flaming: 386.4	Flaming: 246 Non flaming: 288
Static coefficient of friction	ASTM C1028-89	Coeff.	Dry: .76; Wet: .92	Dry: .69; Wet: .67
Slip classification	EN 14041	Class	DS	DS
<b>Additional properties</b>				
Impact sound reduction	ISO 140-8	dB	9	16
NRC Noise reduction class	ASTM C423-90a	dB	0.05	0.05
STC sound transmission class	ASTM E413-87	dB	53	53
IIC Impact insulation class	ASTM E989-89	dB	53	50
Surface noise radiation	ANSI S12.32-1990	dBA	89.6	89.6
Thermal resistance	DIN 52612	m <sup>2</sup> K/W	10°C: 0.0393	10°C: 0.0390
	ASTM C-518	(R-value)	0.16	0.19
	EN 12667	m <sup>2</sup> K/W	0.027	0.024
Thermal conductivity	EN 12667	W/mK	0.117	0.133
Heat dissipation	DIN 52614	KJ/m <sup>2</sup>	W1: 36 / W10: 184	W1: 48 / W10: 253
Wear resistance	EN 660-1	mm(thickness) gr.(weight)	Thickness loss: 0,058 Weight loss: 1,12	Thickness loss: 0,048 Weight loss: 0,94
	ASTM D3884	Cycles Weight loss	6.800 0.00147 grams	12.500 2.21 grams
Castor chair test	EN 425	Effect	(a)	(a)
Chair leg resistance	EN 424	Effect	(b)	(b)
Residual indentation	EN 433	mm	-0.02	-0.03
	ASTM F1914-98	% loss	22.8	19.7
Static load limit	ASTM F970-87	Inch (%)	.000 Inch (0.0%)	.006 Inch (4.2%)
Scratch resistance	EN 438	N	4	4
Scuff resistance	IHD 445	%/Grade	-5.5 / 0	-5.5 / 0
	Mar Test	Grade	0	0
Impact resistance	EN 438	N	4	4
Static electrical propensity	EN 1815	Volt	1500	500 (Antistatic) ASF - Class 2
Electrical resistance	EN 1081	Ohm	Rv: 1.19x10 <sup>11</sup> / Rh: 7.3x10 <sup>11</sup>	Rv: 1.19x10 <sup>11</sup> / Rh: 7.3x10 <sup>11</sup>
Electrostatic propensity	AATCC 134-1991	KV	NEG 0.5	NEG 0.4
Effect of stains	EN 423	Effect	(c)	(c)
	EN 12720	Effect	(f)	(f)
Chemical resistance	ASTM F925-97	Surf. dulling Surf. attack Color change	Rate 0 (d) No change No change	Rate 0 (d) No change No change
Effect of stains	EN 438, part 2	Grade (1 = surface destruction; 5 = no visible changes)	5/5	5/5
Stain resistance (commercial prod.)	AATCC Gray scale	Immediate blotting Cleaned after 24 hours	No stain No stain	No stain No stain
Colour fastness	EN ISO 105-B2	Rating	(e)	5 (blue scale)
Colour fastness to light (Xenon Arc)	AATCC 16E	Rating 1-5 (5 is the best)	4.5	2
Formaldehyde emission	DIN EN 717-1/2	mg HCHO/hm <sup>2</sup> mg/m <sup>2</sup> ppm Class	< 0.2 0.01 0.01 E1	< 0.2 0.01 0.01 E1
PCP (pentachlorophenol)	CEN/TR 14823 (Ihd-W 409)	mg/Kg	n.d (PCP free)	n.d (PCP free)
VOC emission	CEN ENV 13419 (ECA-IAQ)	Ecological evaluation	Positive	Positive

(a) No changes of the wear layer nor delamination · (b) No damage of the wear layer · (c) The following products were tested: Olive oil, Butter, Condensed milk, Red wine, Petrol, Acetic acid, Soda ash; all cause grade 5 effects (no visible change) · (d) Rate 0 = no observed effect. The following products were tested: 5% acetic acid vinegar; 70% isopropyl alcohol, Mineral oil, NaOH Sodium oxide, 5% HCl Hydrochloric acid, 5% H2SO4 Sulfuric acid, 5% NaOCl Household ammonia, 5% Phenol disinfectant, Kerosene, Olive oil, Unleaded gasoline · (e) Rate 6 of the blue scale; rate 4 of the gray scale · (f) The following products were tested: cleaning agent and cleaning solution; all caused grade 5 effects (no visible changes)  
For detailed and complete information about the Wicanders Warranty, please refer to the flooring packaging or visit [www.wicanders.com](http://www.wicanders.com)



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