



**Amorim Wise Wood Inspire 700**

Surfaces Collection

Amorim Wise Flooring is PVC-free, featuring an innovative core that incorporates cork and recycled cork waste in the manufacturing process, making it climate positive.

Apart from the additional features of walking comfort and impact resistance, it contributes to improved indoor air quality and is easy to maintain. Amorim Wise Flooring is suitable to be installed in both commercial and residential spaces.

Thickness

7.3 mm

Dimensions

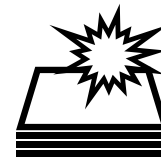
1225 × 190 mm

Characteristics



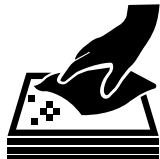
**Water-resistant**

Non-PVC cork rigid core makes the surface ideal for use in areas prone to moisture.



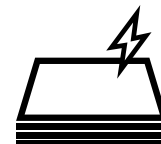
**Impact Resistant**

High shock absorption makes cork resilient to damage from impact.



**Easy to Clean**

Regular mopping with mild floor cleaners helps maintain the cork flooring.



**Energy Efficient**

Cork is a natural thermal insulator which optimises floor temperature all year round.



**Sound Absorption**

Reduces walking sounds up to 53% for a quieter environment.



**Sustainable**

Harvested and made from the bark of cork oak, the tree itself is left intact.

# PANELOGUE

# Technical Datasheet

Finishes  
Indent Order

(\* Require MOQ 240m<sup>2</sup>)



80000163  
Chocolate Brown Oak



80000155  
Contempo Ivory



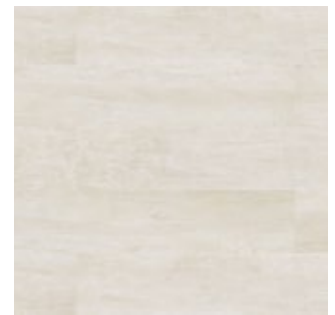
80000154  
Contempo Rust



80000157  
Natural Light Oak



80000165  
Barnwood



80000160  
Beach House



80000153  
Contempo Copper



80000152  
Contempo Loft



80000158  
Treehouse



80000161  
White Forest Oak



80000159  
Farmhouse(\*)

## Technical Specifications

### General Properties EN 16511

Properties	Standard	Unit	Result
Thickness	ISO 24337	mm	nominal +- 0.25
Length		mm	nominal value 1225
Width		mm	nominal value 190
Squareness, q		qmax (mm)	≤ 0.20
Straightness, s		smax (mm/m)	≤ 0.30
Openings		mm	≤ 0.20
Height difference		mm	≤ 0.15
Flatness of the panel (length)		%	concave ≤ 0.50 / convex ≤ 1.00
Flatness of the panel (width)		%	concave ≤ 0.15 / convex ≤ 0.20

### Classification Properties EN 16511

Properties	Standard	Unit	Result
Wear resistance IP	EN 15468, procedure B	cycles	≥ 5000
Impact resistance (large diameter ball)	EN 13329:2006+ A1:2008, Annex F	mm	≥ 1600
Castor chair resistance	EN 425	Visual effect 25,000 cycles	No visible change / damages
Resistance to staining	EN 438-2	Group 1 and 2 - grade 5	Complies
		Group 3 - grade 4	Complies
Residual indentation	EN ISO 24343-1	mm	≤ 0.2
Swelling	ISO 24336	%	< 1
Dimensional stability due to variation of temperature	EN ISO 23999	%	≤ 0.25
Effect of furniture leg	EN 424	-	No visible change / damages

**Safety Properties EN 14041**

Properties	Standard	Unit	Result
Fire Resistance	EN 13501-1	Class	Dfl-S1
Slip Classification	EN 13893	Class	DS
Formaldehyde Emission	EN 717-1	Class	E1
Content pentachlorophenol (PCP)	EN 12673	% mg/kg	Undetectable

**Additional Properties**

Properties	Standard	Unit	Result
Impact sound reduction	EN ISO 10140	dB ( $\Delta L_w$ )	18
Walking noise	IHD-W431	dB	Reduction improvement 18.5 dB
		%	Difference of loudness 65%
Thermal conductivity	EN 12667	w/(mK)	0.111
Thermal resistance	EN 12667 / ISO 1957	(m <sup>2</sup> K)/W	0.06

**ASTM Standards**

Properties	Standard	Unit	Result
Airborne sound transmission loss	ASTM E90 / ASTM E413	STC (dB)	60
Impact sound transmission	ASTM E492 / ASTM E989	IIC (dB)	65
Impact sound transmission	ASTM E2179	$\Delta$ IIC	-
Smoke density	ASTM 662	KW/m <sup>2</sup>	-
Radiant panel (critical radiant flux)	ASTM E648	(W/cm <sup>2</sup> )	-
Thermal resistance	ASTM C177	R-value (m <sup>2</sup> K)/W	0.0539
Thermal conductivity	ASTM C177	$\lambda$ -value W/(m.K)	0.127
Residual indentation	ASTM F1914	%	0.9
Static load limit	ASTM F970	in or mm	0.100
Ignition characteristics of finished textile floor covering systems	ASTM D2859	-	-