

# cork inspire 700 HRT



Technical Data Sheet	Standard	Unit / Requirement	Value
Dimension (LxWxT)	-	mm	1225x190x7
Mass per unit	-	Kgs /	7,4
Packaging (box / pallet)	-	m2 m2	1,862 /
Level of use Domestic	ISO	Class	81,928 23
Level of use Commercial	10874	Class	33
<b>General properties - EN 16511</b>			
Thickness, t -	10874 ISO 24337	$\Delta_{avg} \leq 0,50$ mm, relative to nominal value / $t_{max} - t_{min} \leq 0,50$ mm	Complies
Length, l	ISO 24337	$\leq 1\ 500$ mm: $\Delta l \leq 0,5$ mm / $> 1\ 500$ mm: $\Delta l \leq 0,3$ mm/m	Complies
Width, w	ISO	$\Delta w_{avg} \leq 0,10$ mm, relative to nominal value /	Complie
Squareness, q	24337	$w_{max} - w_{min} \leq 0,20$ mm $max \leq 0,20$ mm	s
Straightness, s	ISO	$max \leq 0,30$ mm/m	Complie
Openings, o	24337	$max \leq 0,20$ mm	s
Height difference, h	ISO	$h_{max} \leq 0,15$ mm	Complie
Flatness of the panel (Length - concave / convex)	24337	concave $\leq 0,50$ %, / convex $\leq 1,0$ %	s
Flatness of the panel (Width - concave / convex)	ISO	concave $\leq 0,15$ %, / convex $\leq 0,20$ %	Complie
<b>Classification properties - EN 16511</b>			
Wear resistance IP	24337		s
Impact resistance [mm] (big ball)	EN 15468, procedure B	$\geq 5\ 000$ cycles	Complies
Castor chair resistance	EN 13329:2006+A1:2008,	$\geq 1\ 600$ mm	Complies
Resistance to staining	ISO hex F EN 425	25 000 cycles	Complies
Residual indentation	24337 EN 438-2	Groups 1 and 2: grade 5 Group 3: grade 4	Complies
Swelling	ISO EN ISO 24343-1	$\leq 0,2$ mm	Complies
Dimensional stability due to variation of temperature	24337 ISO 24336	$\leq 18$ %	Complies
Effect of furniture leg	EN ISO 23999	$\leq 0,25$ %	Complies
Safety properties - EN 14041	EN 424	-	No Visible Damage
<b>Fire resistance</b>			
Slip Classification	EN ISO 11925-2 + EN ISO 9239-1 : Class EN 13501-1	Class	Bfl-S1
Formaldehyde emission	EN 13893	Class	DS
Content pentachlorophenol (PCP)	EN 717-1	Class	E1
Additional properties	EN 12673	% mg/kg	Undetectable
<b>Impact sound reduction</b>			
Walking noise	EN ISO 10140	dB ( $\Delta$ )	18
Thermal conductivity	IHD-W431	Lw) dB %	Reduction improvement 12,3 dB Difference of loudness 57%
Thermal resistance	EN 12667	W/(mK)	0,111
ASTM Standards	EN 12667 / ISO 1957	(m2K)/	0,05
<b>Airborne sound transmission loss</b>			
Impact sound transmission	ASTM E90 /ASTM E413	W	
Impact sound transmission	ASTM E90 /ASTM E413	STC (dB)	60 (*)
Smoke density	ASTM E492 /ASTM E989	IIC (dB)	65 (*)
Radiant panel (critical radiant flux)	ASTM E2179	$\Delta$ IIC	-
Thermal resistance	ASTM662	KW/m2	-
Thermal conductivity	ASTM E648	(W/cm2)	-
Residual indentation	ASTM C177	R-value (m2K)/W	0,0539
Static load limit	ASTM C177	$\lambda$ -value W/(m.K)	0,127
Ignition characteristics of finished Textile floor covering systems	ASTM F1914	%	0,9
	ASTM F970	in or	0,100
	ASTM D2859	mm -	-

NOTE:  
Grade 5 - No change / Grade 4 - Slight change / Grade 3 - Moderate change / Grade 2 - Considerable change / Grade 1 - Strong change (\*) tested with underlay