

Technical Data Sheet

	Standard	Unit	Value (Wood SRT)
Level of use Domestic	ISO 10874	Class	Class 23
Level of use Commercial	ISO 10874	Class	Class 33

General properties - EN 16511

Thickness	ISO 24337	mm	nominal $\pm 0,25$
Length	ISO 24337	$\Delta l \leq 0,5$ mm	nominal value 1225 mm
Width	ISO 24337	$\Delta w_{avg} \leq 0,10$ mm, relative to nominal value $w_{max} - w_{min}$ $\leq 0,20$ mm	nominal value 190 mm
Squareness	ISO 24337	q_{max} (mm)	$\leq 0,20$
Straightness	ISO 24337	s_{max} (mm/m)	$\leq 0,30$
Openings	ISO 24337	mm	$\leq 0,20$
Height difference	ISO 24337	mm	$\leq 0,15$
Flatness of the panel (Length - concave / convex)	ISO 24337	%	$\leq 0,50 / \leq 1,00$
Flatness of the panel (Width - concave / convex)	ISO 24337	%	$\leq 0,15 / \leq 0,20$

Classification properties - EN 16511

Wear resistance IP	EN 15468, procedure B	n° revolutions	> 5000 revolutions
Impact resistance [mm] (big ball)	EN 13329:2006+A1:2008, Annex F	mm	≥ 1600
Effect of furniture leg	EN 424 (tested with foot type 0) ISO 16581		no visible change / damages
Castor chair resistance	EN 425	Visual effect after 25 000 cycles	no visible change/damages
Dimensional stability due to variation of temperature	EN ISO 23999	%	$\leq 0,15$

Safety properties - EN 14041

Fire resistance	EN ISO 11925-2 + EN ISO 9239-1 : Class EN 13501-1		
Slip Classification	EN 13893		DS
Formaldehyde emission	EN 717-1		E1
Content pentachlorophenol (PCP)	EN 14041. Annex B	%	Undetectable
Thermal conductivity	EN 12667	W/(mK)	0,135
Thermal resistance	EN 12667	(m²K)/W	0,05

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Additional properties

Resistance to staining	EN 438-2: Group 1 only 10 min	Grade ^(a)	Grade 5 ^(b)
Swelling	ISO 24336	%	< 1
Impact sound reduction	EN ISO 10140-3	dB (ΔL_w)	15
Walking noise	IHD-W431	dB %	Reduction improvement 9,2 dB Difference of loudness 39%

ASTM Standards

Airborne sound transmission loss	ASTM E90 /ASTM E413	STC (dB)	63
Impact sound transmission	ASTM E492 /ASTM E989	IIC (dB)	71
Thermal resistance	ASTM C177	R-value (m ² K)/W	0,0569
Thermal conductivity	ASTM C177	λ value W/(m.K)	0,123
Residual indentation	ASTM F1914	%	0,4
Static load limit	ASTM F970	in or mm	0,067

(a) Grade 5 - No change / Grade 4 - Slight change / Grade 3 - Moderate change / Grade 2 - Considerable change / Grade 1 - Strong change

(b) Group 3: Grade 4