Technical Data Sheet

	Standard	Unit	Value (Cork HRT)	Value (Wood SRT)	Value (Wood HRT)
Level of use Domestic	ISO 10874	Class	Class 23	Class 23	Class 23
Level of use Commercial	ISO 10874	Class	Class 33	Class 33	Class 33
General properties - EN 16511					
Thickness	ISO 24337	mm	7,0 mm +- 0,25	7,3 mm +- 0,25	7,0 mm +- 0,25
Length	ISO 24337	Δ l ≤ 0,5 mm	nominal value 1225 mm	nominal value 1225 mm	nominal value 1225 mm
Width	ISO 24337	Δ wavg ≤ 0,10 mm, relative to nominal value wmax - wmin ≤ 0,20 mm	nominal value 190 mm	nominal value 190 mm	nominal value 190 mm
Squareness	ISO 24337	qmax (mm)	≤ 0,20	≤ 0,20	≤ 0,20
Straightness	ISO 24337	smax (mm/m)	≤ 0,30	≤ 0,30	≤ 0,30
Openings	ISO 24337	mm	≤ 0,20	≤ 0,20	≤ 0,20
Height difference	ISO 24337	mm	≤ 0,15	≤ 0,15	≤ 0,15
Flatness of the panel (Length - concave / convex)	ISO 24337	%	≤ 0,50 / ≤ 1,00	≤ 0,50 / ≤ 1,00	≤ 0,50 / ≤ 1,00
Flatness of the panel (Width - concave / convex)	ISO 24337	%	≤ 0,15 / ≤ 0,20	≤ 0,15 / ≤ 0,20	≤ 0,15 / ≤ 0,20
Classification properties - EN 16511					
Wear resistance IP	EN 15468, procedure B	n° revolutions	> 5000 revolutions	> 5000 revolutions	> 5000 revolutions
Impact resistance [mm] (big ball)	EN 13329:2006+A1:2008, Annex F	mm	≥ 1600	≥ 1600	≥ 1600
Effect of furniture leg	EN 424 (tested with foot type 0) ISO 16581		no visible change / damages	no visible change / damages	no visible change / damages
Castor chair resistance	EN 425	Visual effect after 25 000 cycles	no visible change / damages	no visible change/ damages	no visible change/ damages
Dimensional stability due to variation of temperature	EN 16511	%	≤ 0,25	≤ 0,25	≤ 0,25
Safety properties - EN 14041					
Fire resistance	EN ISO 11925-2 + EN ISO 9239-1: Class EN 13501-1		Bfl – S1	Dfl – S1	Cfl – S1
Slip Classification	EN 13893		DS	DS	DS
Formaldehyde emission	EN 717-1		E1	E1	E1
Content pentachlorophenol (PCP)	EN 14041. Annex B	%	Undetectable	Undetectable	Undetectable
Thermal conductivity	EN 12667	W/(mK)	0,111	0,135	0,111
Thermal resistance	EN 12667	$(m^2K)/W$	0,06	0,05	0,06

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Technical Data Sheet

	Standard	Unit	Value (Cork HRT)	Value (Wood SRT)	Value (Wood HRT)
Additional properties					
Resistance to staining	EN 438-2: Group 1 only 10 min	Grade [a]	Grade 5 [b]	Grade 5 [b]	Grade 5 [b]
Swelling	ISO 24336	%	< 1	< 1	< 1
Specific weight	ISO 23997	Kg/m ^{3}	900 Kg /m ^{3}	900 +10% / -10%	900 +10% / -10%
Impact sound reduction	EN ISO 10140-3	dB (Δ Lw)	18	15	18
Walking noise	IHD-W431	dB %	Reduction improvement 18,5 dB Difference of loudness 65%	Reduction improvement 9,2 dB Difference of loudness 39%	Reduction improvement 18,5 dB Difference of loudness 65%

(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

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