

Technical Data

technical data sheet	DUO-x 14	DUO-x 20
Moisture content	9% (± 2)	9% (± 2)
Top layer	4 mm net thickness	5 mm net thickness
Thickness variation	(\pm) 0,3 mm	(\pm) 0,3 mm
Admissible difference in length	not applicable	not applicable
Admissible difference in width	(\pm) 0,5 %	(\pm) 0,5 %
Squareness	0,2 % along the width	0,2 % along the width
Height difference	(\pm) 0,2 mm	(\pm) 0,2 mm
Bending lengthwise (along element)		
Bow	0,2 %	0,2 %
Spring	2 %	2 %
Bending crosswise (across the width of element)	0,7 % of the width	0,7 % of the width

Functional / Surface quality		
Resistance to roller castors on chairs	EN 425	EN 425
Bond strength / Cross cut test	EN ISO 2409	EN ISO 2409
Chemical resistance	EN 13226	EN 13442
Scraping with furniture feet	EN 424	EN 424
Slip resistance, inclined plane	DIN 51130	DIN 51130
Sliding friction	DIN EN 13983	DIN EN 13983

Physical quality		
Thermal transmittance value	DIN EN 12664:2001 (oak)	DIN EN 12664:2001 (oak)
Thermal conductivity	DIN EN 12524:2001 (0,14 (m ² K)/ W)	DIN EN 12524:2001 (0,14 (m ² K)/ W)
Inflammability	EN 13501-1 (C _{fl} -s1)	EN 13501-1 (C _{fl} -s1)
Transmission noise reduction	ISO 140-8 delta Lw	ISO 140-8 delta Lw

Additional information		
Contents of formaldehyde	E1	E1
Biological durability	EN 350-2 (class 2)	EN 350-2 (class 2)
Underfloor heating	suitable	suitable

Thermal resistance value	Oak	Walnut
14 mm solid	0,057 (m ² K)/ W	-
16 mm solid	0,066 (m ² K)/ W	-
20 mm solid	0,082 (m ² K)/ W	0,095 (m ² K)/ W
16 mm Trio	0,067 (m ² K)/ W	0,077 (m ² K)/ W
20 mm Trio	0,083 (m ² K)/ W	0,096 (m ² K)/ W
14 mm Duo-x	0,058 (m ² K)/ W	0,068 (m ² K)/ W
20 mm Duo-x	0,083 (m ² K)/ W	0,096 (m ² K)/ W

Wir lieben Holz. We love wood. Sentimos amor por la madera. Nous aimons le bois. Noi siamo innamorati del legno. Мы любим древесину.

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