

SPECIFICATION

Product Standard DIN EN 16511: 2023-07

Properties	Standard	Unit / Requirements	Construction
Thickness	EN 17539	mm	6,0
Wearlayer		mm	0,55
Weight per m ²	EN ISO 23997	g/m ²	ca. 10300
Length	EN 17539	L ≤ 1500 mm: ΔL ≤ 0,5 mm L > 1500 mm: ΔL ≤ 0,3 mm	passed
Width	EN 17539	ΔW _{AVG} ≤ 0,10 mm W _{MAX} – W _{MIN} ≤ 0,20 mm	passed
Squareness	EN 17539	q _{MAX} ≤ 0,20 mm	passed
Straightness	EN 17539	S _{MAX} ≤ 0,30 mm/m	passed
Flatness	EN 17539	FW, CONCAVE ≤ 0,15 %, FW, CONVEX ≤ 0,20 % FL, CONCAVE ≤ 0,50 %, FL, CONVEX ≤ 1,00 %	passed
Openings	EN 17539	O _{AVG} ≤ 0,15 mm O _{MAX} ≤ 0,20 mm	passed
Height difference	EN 17539	H _{AVG} ≤ 0,10 mm H _{MAX} ≤ 0,15 mm	passed

PERFORMANCE

Classification	EN 16511 EN ISO 10874	Class	
Fire Classification	EN 13501-1	Class	B _{fl} -s1
Slip resistance	EN 13893	Class	DS
Wear Resistance	EN 13329	Cycles	≥ 7000 (Method B)
Impact Resistance	EN 13329	mm	≥ 1800
Micro Scratch Resistance	EN 16094		≤ MSR-A2
Castor Chair	EN ISO 4918	Cycles	25000
Effect of Furniture Leg	EN 16581		No visible damage
Resistance to staining	EN 438-2	Grade	Group 1 +2: Grade 5 Group 3: Grade 4
Locking Strength	ISO 24334	kN/m	Short Side: ≥ 2,0 Long Side: ≥ 3,5
Dimensional Stability after exposure to heat	EN ISO 23999	%	≤ 0,15 %
Curling after exposure to heat	EN ISO 23999	mm	≤ 2
Sound insulation	EN ISO 10140	dB	19 dB
Body Voltage	EN 1815 Method A	kV	0,1
Thermal Conductivity	EN 12664	(W/m*K)	0,119
Thermal Resistance	EN 12664	(m ² *K)/W	0,051
CE Marking****	EN 14041	CE	