

Plank + Tile

HDC 6,0 / 0,55 incl. 1mm PVC

Phthalate-free Heterogenous multilayer modular flooring

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: $\Delta L \leq 0,5$ mm L > 1500 mm: $\Delta L \leq 0,3$ mm	passed
Width	EN 17539	$\Delta W_{AVG} \leq 0,10$ mm $W_{MAX} - W_{MIN} \leq 0,20$ mm	passed
Squareness	EN 17539	$q_{MAX} \leq 0,20$ mm	passed
Straightness	EN 17539	$S_{MAX} \leq 0,30$ mm/m	passed
Flatness	EN 17539	$F_{W, CONCAVE} \leq 0,15$ %, $F_{W, CONVEX} \leq 0,20$ % $F_{L, CONCAVE} \leq 0,50$ %, $F_{L, CONVEX} \leq 1,00$ %	passed
Openings	EN 17539	$O_{AVG} \leq 0,15$ mm $O_{MAX} \leq 0,20$ mm	passed
Height difference	EN 17539	$H_{AVG} \leq 0,10$ mm $H_{MAX} \leq 0,15$ mm	passed

Performance

Classification	EN 16511 EN ISO 10874	Class	
Fire Classification	EN 13501-1	Class	B _{f1} -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: $\geq 2,0$ Long Side: $\geq 3,5$
Dimensional Stability after exposure to heat	EN ISO 23999	%	$ \leq 0,15 \text{ \%} $
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		   

