

FLOORLABS LAMINATE FLOORING QUALITY SPECIFICATIONS

CHARACTERISTIC	METHOD	FLOORLABS CLASSIC 8mm - AC3 (EN STANDARD)	FLOORLABS SUPER 8mm - AC3 (EN STANDARD)	FLOORLABS ELITE 8mm - AC4 (EN STANDARD)	FLOORLABS BEYOND 10mm - AC4 (EN STANDARD)	FLOORLABS DREAM 10mm - AC4 (EN STANDARD)	FLOORLABS SELECT 12mm - AC5 (EN STANDARD)	UNIT	
SURFACE SOUNDNESS	TS EN 13329 / TS EN 311	AC3 ≥ 1,00	AC3 ≥ 1,00	AC4 ≥ 1,25	AC4 ≥ 1,25	AC4 ≥ 1,25	AC5 ≥ 1,25	N / mm ²	
ABRASION RESISTANCE	TS EN 13329	AC3; ≥ 2000	AC3; ≥ 2000	AC4; ≥ 4000	AC4; ≥ 4000	AC4; ≥ 4000	AC5; ≥ 6000	Rev	
SMALL-DIAMETER BALL IMPACT RESISTANCE	TS EN 13329 / TS EN 438-2	≥ 8 N			≥ 12 N		≥ 15 N		
LARGE-DIAMETER BALL IMPACT RESISTANCE	TS EN 13329 / TS EN 438-2								≥ 500 mm
LOCKING RESISTANCE	ISO 24334				FI ≥ 1 kN/m Fs ≥ 2 kN/m			N / mm ²	
THICKNESS SWELLING	TS EN 13329	≤ %18					≤ %15		%
THICKNESS OF THE ELEMENT (t)	TS EN 13329+A1	Δt _{average} ≤ 0,50 , t _{max} - t _{min} ≤ 0,50					mm		
WIDTH OF THE SURFACE LAYER (W)		ΔW _{average} ≤ 0,10 Δl _{average} ≤ 0,10 , W _{max} - W _{min} ≤ 0,20 L _{max} - L _{min} ≤ 0,20					mm		
LENGTH OF THE SURFACE LAYER (l)		l ≤ 1500 : Δl ≤ 0,5 mm, l > 1500 : Δl ≤ 0,3 mm/m.					mm		
SQUARENESS OF THE ELEMENT (q)		q _{max} ≤ 0,20					mm		
STRAIGHTNESS OF THE SURFACE LAYER (s)		S _{max} ≤ 0,30					mm / m		
FLATNESS OF THE ELEMENT (f)		f _{w, concave} ≤ % 0,15, f _{e, concave} ≤ % 0,20 f _{i, concave} ≤ % 0,50, f _{i, convex} ≤ % 1,00					mm		
OPENING BETWEEN ELEMENTS(O)		O _{average} ≤ 0,15 , O _{max} ≤ 0,20					mm		
HEIGHT DIFFERENCE BETWEEN ELEMENTS		h _{average} ≤ 0,10 , h _{max} ≤ 0,15					mm		
HUMIDITY		TS EN 322	%4 ≤ H ≤ %10 H _{max} - H _{min} ≤ %3					%	
FREE FORMALDEHYDE AMOUNT	TS EN 12460-3	E0: ≤ 1,75 E1: 1,75 < x ≤ 3,50					mg / m ³ , h		
DIMENSIONAL VARIATIONS AFTER CHANGES IN RELATIVE HUMIDITY	TS EN 13329 / TS EN 318	δl _{average} ≤ 0,9 , δW _{average} ≤ 0,9					mm		
RESISTANCE TO STAINING	TS EN 438-2	5 (group 1 ve group 2), 4 (group 3)					Class		
EFFECT OF A CASTOR CHAIR	TS EN 425	25.000 cycles - no damage					-		
EFFECT OF A FURNITURE LEG	TS EN 424	No damage shall be visible					-		
APPERANCE, SURFACE DEFECTS	TS EN 438-2	Dirtiness : ≤ 1,00 mm ² / m ² Fiber partical ;Scratches ≤ 10 mm / m ² If two kind of defects appear on the same board, the limit values decrease to half.					-		
STATIC INDENTATION	TS EN ISO 24343-1	≤ 0,05					mm		
LIGHT FASTNESS	TS EN 20105	Not worse than 4					-		