

	AGT LAMINATE FLOORING TECHNICAL SPECIFICATIONS - AC5	Release Date	24.01.2020
		Revision No	2
		Revision Date	20.12.2021
	Document No: 260-ŞT-004(EN)	Page No	Page 1 of 2

AGT LAMINATE FLOORING TECHNICAL SPECIFICATIONS – AC5

SPECIFICATION	UNIT	TEST STANDARD	REQUIRED VALUE	TEST RESULT
THICKNESS DIFFERENCE BETWEEN ELEMENTS (t)	mm	EN 13329	t average < 0,50mm t max-t min < 0,50mm	t average < 0,50mm t max-t min < 0,50mm
RESISTANCE TO ABRASION	Cycle	EN 438	Cycle ≥ 6000	Cycle : 6500
SQUARENESS OF THE ELEMENT (q)	mm	EN 13329	q max ≤ 0,2mm	q : 0,05
LENGTH OF SURFACE PANEL (l)	mm	EN 13329	l ≤ 1500mm l difference ≤ 0,5mm l > 1500mm l difference ≤ 0,3mm/m	l : 0,20
WIDTH OF SURFACE PANEL (w)	mm	EN 13329	w average diff. 0,10mm w max-w min ≤ 0,20mm	w : 0,10
STRAIGHTNESS OF THE SURFACE LAYER (s)	mm	EN 13329	≤ 0,30mm	s : 0,10
SURFACE SMOOTHNESS (f)	%	EN 13329	fw concave ≤ 0,15% fw convex ≤ 0,20% fl concave ≤ 0,50% fl convex ≤ 1,00%	Fw concave < 0,15% Fw convex < 0,20% F1 concave < 0,50% F1 convex < 1,00%
GAP BETWEEN THE ELEMENTS (o)	mm	EN 13329	o average ≤ 0,15mm o the largest ≤ 0,20mm	o : 0,10
HEIGHT DIFFERENCE BETWEEN THE ELEMENTS (h)	mm	EN 13329	h average ≤ 0,10mm h max ≤ 0,15mm	h : 0,05
SURFACE STABILITY	N/mm ²	EN 13329	AC5 ≥ 1,25 N/mm ²	AC5 ≥ 1,25 N/mm ²
STRATCH RESISTANCE	N	EN 438	> 3,5 N	5 N
ARMCHAIR WHEEL IMPACT	Cycle	EN 425	25.000 Devir. No change or damage in appearance	25.000 Devir. No change or damage in appearance
FURNITURE LEG IMPACT	-	EN 424	There should not be visible damage.	There should not be visible damage.
RESISTANCE TO HOT CONTAINERS	Class	EN 13329	Class 4	Class 5
RESISTANCE TO WATER VAPOR	Class	EN 13329	Class 4	Class 5
RESISTANCE TO STAIN	Class	EN 13329	Class 5	Class 5

 AGT	AGT LAMINATE FLOORING TECHNICAL SPECIFICATIONS - AC5	Release Date	24.01.2020
		Revision No	2
	Revision Date	20.12.2021	
	Document No: 260-ŞT-004(EN)	Page No	Page 2 of 2

AGT LAMINATE FLOORING TECHNICAL SPECIFICATIONS – AC5

SPECIFICATION	UNIT	TEST STANDARD	REQUIRED VALUE	TEST RESULT
SWELLING IN WATER FOR 24 HOURS		EN 13329	< %15	8 mm : 13 % 10 mm - 12mm : 10 %
DENSITY	kg/m ³	EN 323	850-900 kg/m ³	850-900 kg/m ³
TWIST RESISTANCE	N/mm ²	EN 317	>40 N/mm ²	45 N/mm ²
ELASTICITY MODULE	N/mm ²	EN 310	>3500 N/mm ²	8 mm – 12 mm: 4200 N/mm ² 10 mm : 4000 N/mm ²
TENSILE STRENGTH	N/mm ²	EN 319	≥1,2 N/mm ²	8 mm - 12 mm: 1,40 10 mm : 1,50
SMALL BALL TEST	N	EN 13329	≥15 N	8 mm : 17 N 10 mm : 18 N 12 mm : 16 N
LARGE BALL TEST	mm	EN 13329	≥ 1000 mm	8 mm: 1600 mm 10 mm – 12 mm: 1800 mm
FORMALDEHYDE RELEASE	mg/m ³	TS EN 717-1	E0 Class	0,005- E0 Class

SIZE	mm	8 mm * 191 mm * 1200 mm 8 mm * 159 mm * 1380 mm 10 mm * 154,5 mm * 1195 mm 12 mm * 189 mm * 1195 mm 12 mm * 154,5 mm * 1195 mm (Thickness * Width * Length)
-------------	----	--

CLASS	ACCOMMODATIONS			OFFICES		
	LIGHT	MEDIUM	DENSE	LIGHT	MEDIUM	DENSE
	21	22	23	31	32	33
RESISTANCE TO ABRASSION	AC1	AC2	AC3	AC4	AC5	
	≥ 500	≥ 1000	≥ 2000	≥ 4000	≥ 6000	