

**LAMINATE FLOORING TECHNICAL SPECIFICATIONS - AC5**

Release Date 24.01.2020

Revision No 1

Revision Date 8.06.2021

Document No: 260-ŞT-004(EN)

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

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<b>SPECIFICATION</b>	<b>UNIT</b>	<b>TEST STANDARD</b>	<b>TEST RESULT</b>
<b>SWELLING IN WATER FOR 24 HOURS</b>		EN 13329	<b>&lt;%15</b>
<b>DENSITY</b>	kg/m <sup>3</sup>	EN 323	850-900 kg/m <sup>3</sup>
<b>TWIST RESISTANCE</b>	N/mm <sup>2</sup>	EN 317	>40 N/mm <sup>2</sup>
<b>ELASTICITY MODULE</b>	N/mm <sup>2</sup>	EN 310	>3500 N/mm <sup>2</sup>
<b>TENSILE STRENGTH</b>	N/mm <sup>2</sup>	EN 319	≥1,2 N/mm <sup>2</sup>
<b>SIZE</b>	mm		8 mm * 191 mm * 1200 mm 12 mm * 189 mm * 1195 mm (Thickness * Width * Length)

<b>CLASS</b>	<b>ACCOMMODATIONS</b>			<b>OFFICES</b>		
	<b>LIGHT</b>	<b>MEDIUM</b>	<b>DENSE</b>	<b>LIGHT</b>	<b>MEDIUM</b>	<b>DENSE</b>
	<b>21</b>	<b>22</b>	<b>23</b>	<b>31</b>	<b>32</b>	<b>33</b>
<b>RESISTANCE TO ABRASSION</b>	<b>AC1</b>	<b>AC2</b>	<b>AC3</b>	<b>AC4</b>	<b>AC5</b>	
	<b>&gt;900</b>	<b>&gt;1500</b>	<b>&gt;2000</b>	<b>&gt;4000</b>	<b>&gt;6000</b>	