

## PROFILE TECHNICAL DATASHEET



Mechanical Properties Board Mean Values	Test Method	Unit	Required Value
Density	TS EN 323	[kg/m³]	Specific to AGT
Adhesive Resistance	TS EN 323	[N/mm²]	≥ 0,55
Temperature Resistance	-	[°C]	≤ 80
Evaluation Of Surface Resistance To Micro-Scratches	TS CEN / TS 16611 (Method A)	[% change]	≤ 10
Resistance To Cold Liquids (Chemical Resistance)	EN 12720+A1	[Class]	5
Surface Resistance To Dry Heat (70°C)	EN 12722	[Class]	5
Surface Soundness	TS EN 311	[N/mm²]	≥ 1 N/mm²
Formaldehyde Emission Class(es)**	TS EN ISO 12460-5 ASTM D 6007	[mg/100gr] [ppm]	E0, E1, CARB2, TSCA

General Tolerances	Test Method	Unit	Required Value
Length and Width Tolerance	TS EN 324-1 EN 622-1	[mm]	±2,0 mm/m, max. ±5,0
Squareness	TS EN 324 -1 EN 622-1	[mm/m]	±2.0
Edge Straightness Tolerance	TS EN 324-1 EN 622-1	[mm/m]	≤1.5
Thickness Tolerance	TS EN 324-1 EN 622-1	[mm]	± 0,2
Standard Sanding			K120 ( It can be applied according to special demand)

Physical & Environment Properties	Test Method	Unit	Required Value
Fire Behavior category	TS EN 13501-1		E
EPD Certificate	ISO 14025 EN 15804		<a href="#">EPD Certificate</a>
Migration Certificate	EN 13130-1		<a href="#">Migration Certificate</a>
Gostr Certificate			

Folio Specifications	Test Method	Unit	Folyo Types				
			HG	Mat	Soft Touch	Supramat	Finish Folio
<b>Thickness</b>	<b>EN ISO 11833-2</b>	[mm]	0,30 ± 10%	0,25 ± 10%	0,20 ± 10%	0,25 ± 10%	0,20 ± 10%
<b>Glossiness</b>	<b>EN ISO 2813</b>	20°	≥ 80	-	-	-	-
<b>Surface Roughness</b>	<b>EN ISO 4288</b>	Ra, µm	≤ 0,10 µm	-	-	-	-
<b>Surface Tension</b>	<b>ISO 8296</b>	mN/m	≥ 38 mN/m	≥ 38 mN/m	≥ 38 mN/m	≥ 38 mN/m	≥ 38 mN/m
<b>Color Measurement</b>	<b>DIN 5033-4</b>	ΔE	≤ 0.65	≤ 0.65	≤ 0.65	≤ 0.65	≤ 0.65
<b>Scratch Resistance - Pencil</b>	<b>ISO 15184</b>	H	≥ H	≥ H	≥ H	≥ H	≥ H
<b>Scratch Resistance - Ericsen</b>	<b>ISO 4586-2</b>	N	≥ N	≥ N	≥ N	≥ N	≥ N
<b>UV Resistance (50 hours)</b>	<b>TS EN 4892 (1-2-3)</b>	ΔE	≤ 0.65	≤ 0.65	≤ 0.65	≤ 0.65	≤ 0.65