



















LUNA COLLECTION CE DECLARATION
AC5 (33. Class)



Mechanical Properties Board Mean Values	Test Method	Unit	Required Value
Density	TS EN 323	[kg/m ³]	Specific to AGT
Thickness Difference Between Elements (t)	TS EN 13329	[mm]	t average < 0,50mm t max-t min < 0,50mm
Abrasion Resistance	TS EN 438-7	[Cycle]	Cycle ≥ 6000
Squareness of the Element(q)	TS EN 13329	[mm]	q max ≤ 0,2mm
Length of Surface Layer (l)	TS EN 13329	[mm]	l ≤ 1500mm l difference ≤ 0,5mm l > 1500mm l difference ≤ 0,3mm
Width of Surface Layer (w)	TS EN 13329	[mm]	w average difference ≤ 0,10mm w max- w min ≤ 0,20mm
Straightness of the Surface Layer (s)	TS EN 13329	[mm]	s max ≤ 0,30mm
Surface Smoothness (f)	TS EN 13329	[mm]	fw, concave ≤ %0,15 fw, convex ≤ %0,20 fl, concave ≤ %0,50 fl convex ≤ %1,00
Gap Between the Elements (o)	TS EN 13329	[mm]	o average ≤ 0,15mm o max ≤ 0,20mm
Height Difference Between the Elements (h)	TS EN 13329	[mm]	h average ≤ 0,10mm h max ≤ 0,15mm
Surface Soundness	TS EN 13329	[N/mm ²]	AC5 ≥ 1,25 N/mm ²
Scratch Resistance	TS EN 438-7	[N]	>3,5 N
Armchair Wheel Impact	TS EN 425	[Cycle]	25.000 Cycle, No change or damage in appearance
Furniture Leg Impact	TS EN ISO 16581	[Visual]	There should not be visible damage
Hot Containers Resistance	TS EN 13329	[Class]	Class 4
Water Vapor Resistance	TS EN 13329	[Class]	Class 4
Stain Resistance	TS EN 13329	[Class]	Class 5
Small Ball Test	TS EN 13329	[N]	≥ 8 N
Large Ball Test	TS EN 13329	[mm]	≥ 500 mm
Swelling in Water for 24h	TS EN 13329	[%]	<%15
Formaldehyde Emission Class(es)**	TS EN ISO 12460-5 ASTM D 6007	[mg/100gr] [ppm]	E0, 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)
Sizes		[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)

Characteristic / Specifications	Test Information	Harmonized Standard	Performance / Classification
Reaction To Fire According	Test No. 13276 – Headship Of Tse Test And Calibration Center Construction Materials Fire And Acoustics Laboratory Directorate	EN 13501-1 EN 14041	
Slip Resistance According	Test No. AZL-15/0538 issued on–Textile İnstitute, Václavská 6, Brno / Ulusal Zemin Güvenliđi Enstitüsü (UZGE), Test No: AB-1346-T 2024/058-059-063-064-065-066-067	DIN 51130 EN 13893 EN 14041 16165-EK B TS 13882	 
Formaldehyde Class	Test Report No. AB-0001-T issued on 13.10.2022 321485 – TSE Construction Materials Laboratory (Gebze)	TS EN 717-1 EN 14041	
Quantitative Determination of Pentachlorophenol in Wood	Test No. AZL-N-001-19 issued on – Textile İnstitute, Václavská 6, Brno	CEN/TR 14823:2203 EN 14041	 PCP < 5ppm
Thermal Resistance Value, Thermal Conductivity Value	Test Report No. 443030 TSE Deney ve Kalibrasyon Merkezi Başkanlığı Yapı Malzemeleri Yangın ve Akustik Laboratuvarı Müdürlüğü	EN 12664 EN 14041	 R 0,086 m²K/W  λ 0,140 W/mK
EPD Environmental Product Declaration	EPD İnternational AB Box 210 60 SE-100 31, Stockholm Sweden, EPD Registration Number: S-P-01915	ISO 14025 ve EN 15804:2012+A2:2019	S-P-01915 EPD® www.epdturkey.org 
Blue Angel	Test Report No: MAIC-2021-1015, Fraunhofer Institute for Wood Research Wilhelm-Klauditz-Institut WKI	DIN ISO 16000 PART 3,6,9 AND 11 AND DIN EN 16516	

Characteristic / Specifications	Test Information	Harmonized Standard	Performance / Classification
VOC Regulation	Test Report No: MAIC-2021-1442, Fraunhofer Institute for Wood Research Wilhelm-Klauditz-Institut WKI	EN 16516 ISO 16000 3,6,9,11 ASTM D5116-10 (FRENCH VOC CLASSES)	
Migration Test	Test Report No: 2021271266 Eurolab Türcert Teknik Kontrol ve Belgelendirme A.Ş	TS EN 13130-1	
Greenguard Gold Greenguard	UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings	UL 2818	
REACH Certificate	Test report: 1229200, SGS Supervise, Inspection and Control Services Inc.	1907/ 2006 EC REACH	
CARB TSCA II	Test Report No: SC0158-18 Her Çeyrek, RISE Research Institutes of Sweden	ASTM 6007	
FloorScore Certificate	Indoor Air Quality Certificate	SCS-EC10.3-2014 v4.1	
Water Resistance	Test Report: 2723297 Entwicklungs- und Prüflabor Holztechnologie GmbH (EPH)	ISO 4760	
Manufacturer Name, Address / Product Identifier Code / Harmonized Standard and Verification System			
AGT AĞAÇ SANAYİ VE TİCARET A.Ş, Organize Sanayi Bölgesi 3. Kısım 35. Cadde No:7 07190 Döşemealtı-ANTALYA / EFFCT01 / System 3 / According to EU Construction Products Regulation EU 305/2011 and EN 14041			

NAME

GÜLTEKİN SİLAHŞÖR

TITLE

INDUSTRIAL DEVELOPMENT AND QUALITY DIRECTOR

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