CERTIFICATE

AGT AĞAÇ SANAYI A.Ş Organize Sanayi Bölgesi 3.Kisim 07190 Antalya, Turkey

is granted the right, on the basis of the contract on the use of the environmental label no. 34338 based on DE-UZ 176 Edition 2013, for the product

AGT AGAC SANAYI Natura, Effect, Concept, Bella, Pruva, Bloom, Glow, Pulse and Stream; Laminate flooring up to 12 mm thickness

to use the Blue Angel Ecolabel shown below as a sign of special environmental friendliness.

Bonn, 27 August 2020

Managing Director
RAL gGmbH

Bundesministerium für Umwelt, Naturschutz und nukleare Sicherheit

Umwelt Bundesamt

Jury Umweltzeichen

RAL gGmbH

ENVIRONMENTAL PRODUCT DECLARATION

In accordance with ISO 14025 and EN 15804:2012+A2:2019 for:

Flooring

from AGT Ağaç Sanayi ve Tic. A.Ş.

TURKEY EPD®

ENVIRONMENTAL PRODUCT DECLARATIONS

AGT Flooring

Programme :	EPD Turkey, a fully aligned regional programme www.epdturkey.org	The International EPD® System www.environdec.com
Programme Operator :	EPD Turkey: SÜRATAM – Turkish Centre for Sustainable Production Research & Design Nef 09 B Blok No:7/15 34415 Kagıthane/Istanbul, TURKEY	EPD International AB Stockholm, Sweden
EPD Registration Number:	S-P-01915	
Publication Date:	04.05.2020	
Validity Date:	03.05.2025	
Geographical Scope:	Global	

PROGRAMME INFORMATION

Programme	EPD Turkey, a fully aligned regional programme SÜRATAM – Turkish Centre for Sustainable Production Research & Design Nef 09 B Blok No:7/15 34415 Kagıthane/Istanbul, TURKEY www.epdturkey.org info@epdturkey.org	The International EPD® System EPD International AB Box 210 60 SE-100 31 Stockholm Sweden www.environdec.com info@environdec.com

Product Category Rules (PCR):
2019:14 Version 1.0, 2019-12-20, Construction Products and CPC 54 Construction Services and c-PCR-006 Wood and wood-based products for use in construction (EN 16485)

Independent third-party verification of the declaration and data, according to ISO 14025:2006:

EPD process certification EPD verification X

Third party verifier: Vladimír Kocí, PhD
Approved by: The International EPD® System

Procedure for follow-up of data during EPD validity involves third party verifier:

YES NO X

The EPD owner has the sole ownership, liability, and responsibility for the EPD.

EPDs within the same product category but from different programmes may not be comparable. EPDs of construction products may not be comparable if they do not comply with EN 15804. For further information about comparability, see EN 15804 and ISO 14025.

COMPANY INFORMATION

AGT (Advanced Technology in Wood Industry), starting out with the dream of processing and developing wood products customized for individual and corporate requirements in 1984 in Antalya, is operating today as one of the leading companies of the world in furniture components sector. AGT serves for the construction industry with its production of flooring and skirting and for the furniture and decoration sector with its production of MDF, MF-MDF, Panel, and Profile in its modern production facilities established on an area of 400 thousand square meters at the Antalya Organized Industrial Zone.

AGT is among top 500 Industrial Enterprises in Turkey and realized a growth rate of 30% with an annual return over 1 billion TL in 2018. With an employment figure over 900 people AGT can manufacture all wood materials required for indoor areas at their own premises.

Since its establishment, AGT has never compromised on their ethical value and quality principles. Quality, trend and development are still among heir main objectives for all their customers, employees and business partners. Today, AGT adds color, elegancy and sustainable viability to living space of millions of people who give importance to quality and aesthetics through there more than 1000 sales points in 5 continents. As well as the dealer channels spread all over Turkey, AGT has sales points over 5 continents and exports to more than 70 countries.

Quality is a never ending story without an end but it is a goal that is constantly being renewed and developed with the expectations of our customers. At furniture components sector; with a reliable, organized and institutionalized business mentality; AGTs quality policy is to increase their production quality by closely following the developing technology, to fully meet their customers expectations and demands, to increase the effectiveness of their quality management system and to be a preferred brand in national and international markets by providing sustainability of their place in the sector.

The company has ISO 9001 Quality Management System, ISO 14001 Environment Management System, ISO 45001 Occupational Health & Safety Management System Certification, EFQM (European Foundation for Quality Management), PEFC (Programme for the Endorsement of Forest Certification), FSC(Forest Stewardship Council) and TSCA Certification.

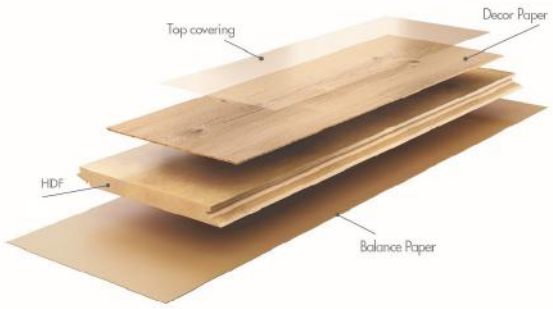
PRODUCT INFORMATION

AGT Flooring

For detailed product information:

Scan or Click !

AGT flooring is a multi-layer flooring product fused together with a lamination process.



UN CPC code: CPC 31442

Typical Material Composition

Material	Composition
HDF	%90-%97
Balans Paper and Auxiliary Materials	%1-5
Overlay and Auxiliary Materials	%1-5

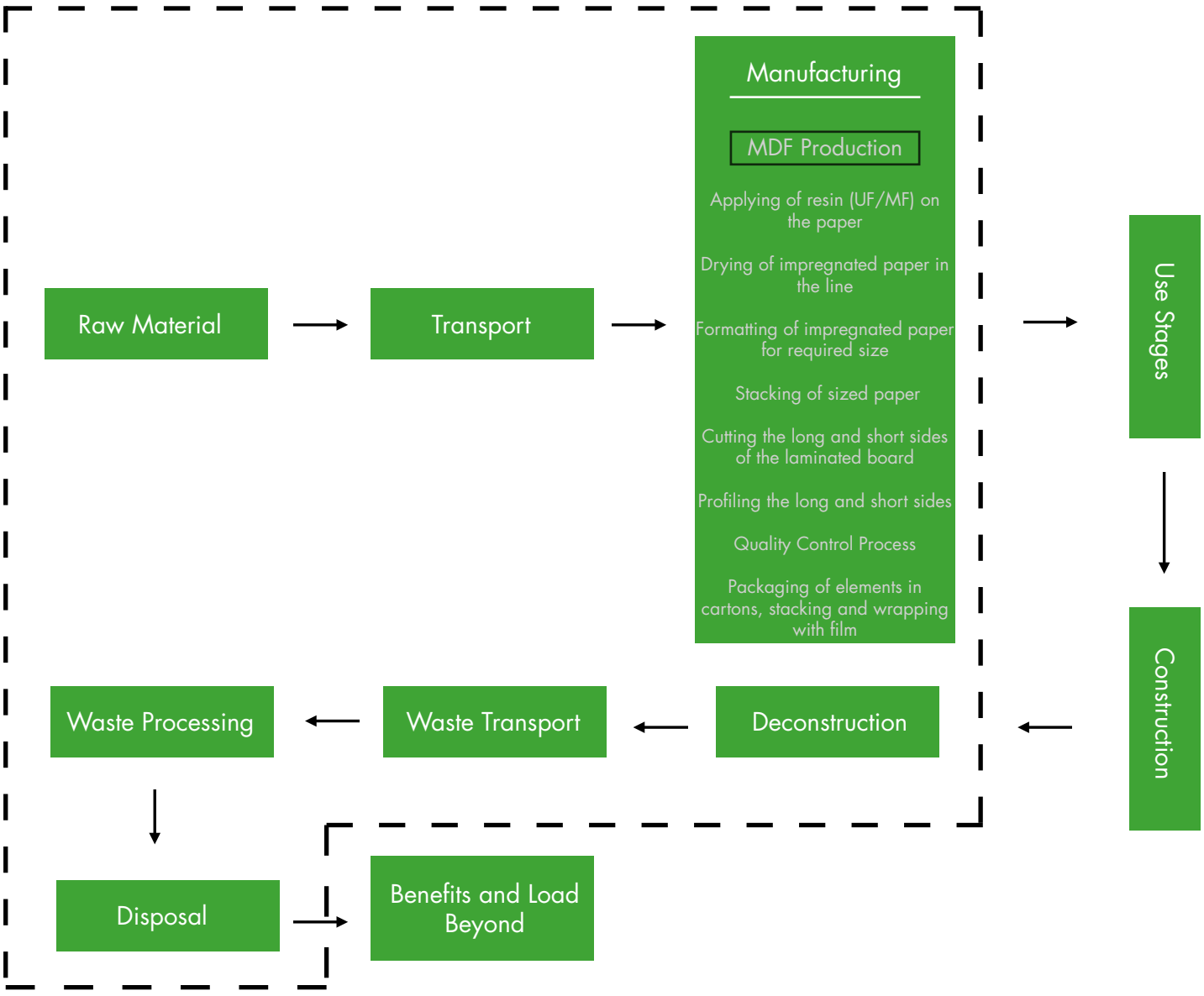
Technical Spesifications

SPECIFICATION	UNIT	TEST STANDARD	BELLA	CONCEPT	EFFECT	EFFECT PREMIUM	AC3 LAMINATE	AC4 LAMINATE	AC5 LAMINATE
Thickness Difference Between Elements, t	mm	EN 13329	t average< 0,50mm t max-t min<0,50m	t average< 0,50mm t max-t min<0,50m	t average< 0,50mm t max-t min<0,50m	t average< 0,50mm t max-t min<0,50m	t average< 0,50mm t max-t min<0,50m	t average< 0,50mm t max-t min<0,50m	t average< 0,50mm t max-t min<0,50m
Resistance to Abrasion	Cycle	EN 438	Cycle>2000	Cycle>4000	Cycle>4000	Cycle>6000	Cycle>2000	Cycle>4000	Cycle>6000
Squareness of the Element, q	mm	EN 13329	q max< 0,2mm	q max< 0,2mm	q max< 0,2mm	q max< 0,2mm	q max< 0,2mm	q max< 0,2mm	Q max< 0,2mm
Length of Surface Panel, 1	mm	EN 13329	1<1500mm 1 fark<0,5mm 1>1500mm 1 fark<0,3mm/m	1<1500mm 1 fark<0,5mm 1>1500mm 1 fark<0,3mm/m	1<1500mm 1 fark<0,5mm 1>1500mm 1 fark<0,3mm/m	1<1500mm 1 fark<0,5mm 1>1500mm 1 fark<0,3mm/m	1<1500mm 1 difference<0,5mm 1>1500mm 1 fark<0,3mm/m	1<1500mm 1 fark<0,5mm 1>1500mm 1 fark<0,3mm/m	1<1500mm 1 fark<0,5mm 1>1500mm 1 fark<0,3mm/m
Width of Surface Panel, w	mm	EN 13329	w average diff. 0,10mm w max-w min<0,20mm	w average diff. 0,10mm w max-w min<0,20mm	w average diff. 0,10mm w max-w min<0,20mm	w average diff. 0,10mm w max-w min<0,20mm	w average diff. 0,10mm w max-w min<0,20mm	w average diff. 0,10mm w max-w min<0,20mm	w average diff. 0,10mm w max-w min<0,20mm
Straightness of the Surface Layer	mm	EN 13329	≤0,30mm	≤0,30mm	≤0,30mm	≤0,30mm	≤0,30mm	≤0,30mm	≤0,30mm
Surface Smoothness	%	EN 13329	Fw concave < 0,15% Fw convex < 0,20% F1 concave < 0,50% Fl convex < 1,00%	Fw concave < 0,15% Fw convex < 0,20% F1 concave < 0,50% Fl convex < 1,00%	Fw concave < 0,15% Fw convex < 0,20% F1 concave < 0,50% Fl convex < 1,00%	Fw concave < 0,15% Fw convex < 0,20% F1 concave < 0,50% Fl convex < 1,00%	Fw concave < 0,15% Fw convex < 0,20% F1 concave < 0,50% Fl convex < 1,00%	Fw concave < 0,15% Fw convex < 0,20% F1 concave < 0,50% Fl convex < 1,00%	Fw concave < 0,15% Fw convex < 0,20% F1 concave < 0,50% Fl convex < 1,00%
Gap Between the Elements, O	mm	EN 13329	O average<0,15mm O the largest 0,20mm	O average<0,15mm O the largest 0,15mm	O average<0,15mm O the largest 0,20mm	O average<0,15mm O the largest 0,20mm	O average<0,15mm O max 0,20mm	O average<0,15mm O the largest 0,20mm	O average<0,15mm O the largest 0,20mm
Height Difference Between The Elements, h	mm	EN 13329	h average< 0,10mm h max<0,15mm	h average< 0,10mm h max<0,20mm	h average< 0,10mm h max<0,15mm	h average< 0,10mm h max<0,15mm	h average< 0,10mm h max<0,15mm	h average< 0,10mm h max<0,15mm	h average< 0,10mm h max<0,15mm
Surface Stability	N/mm^2	EN 13329	AC3≥1 N/mm^2	AC4≥1,25 N/mm^2	AC4≥1,25 N/mm^2	AC5≥1,25 N/mm^2	AC3≥1 N/mm^2	AC4≥1,25 N/mm^2	AC5≥1,25 N/mm^2
Stratch Resistance	N	EN 438	>3,5 N	>3,5 N	>3,5 N	>3,5 N	>3,5 N	>3,5 N	>3,5 N
Armchair Wheel Impact	Cycle	EN 425	25.000 cycle, No change or damage in appearance	25.000 cycle, No change or damage in appearance	25.000 Cycle, No change or damage in appearance	25.000 cycle, No change or damage in appearance	25.000 Devir. No change or damage in appearance	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.	There should not be visible damage.	There should not be visible damage.	There should not be visible damage.	There should not be visible damage.	There should not be visible damage.
Resistance to Hot Containers	Class	EN 13329	Class 4	Class 4	Class 4	Class 4	Class 4	Class 4	Class 4
Resistance to Water Vapor	Class	EN 13329	Class 4	Class 4	Class 4	Class 4	Class 4	Class 4	Class 4
Resistance to Stain	Class	EN 13329	Class 5	Class 5	Class 5	Class 5	Group 1 and 2: Class 5 Group 3: Class 4	Class 5	Class 5
Swelling in Water for 24 hours	%	EN 13329	<%18	<%18	<%18	<%18	<%18	<%18	<%18
Twist Resistance	N/mm^2	EN 317	>40 N/mm^2	>40 N/mm^2	>40 N/mm^2	>40 N/mm^2	>40 N/mm^2	>40 N/mm^2	>40 N/mm^2
Elasticity Module	N/mm^2	EN 310	>3500 N/mm^2	>3500 N/mm^2	>3500 N/mm^2	>3500 N/mm^2	>3500 N/mm^2	>3500 N/mm^2	>3500 N/mm^2
Tensile Strength	N/mm^2	EN 319	≥1,2 N/mm^2	≥1,2 N/mm^2	≥1,2 N/mm^2	≥1,2 N/mm^2	≥1,2 N/mm^2	≥1,2 N/mm^2	≥1,2 N/mm^2
Size	mm		8 mm * 193 mm * 1200 mm (Thickness * Width * Length)	10 mm * 155 mm 1200 mm (Thickness * Width * Length)	8 mm * 191 mm * 1200 mm (Thickness * Width * Length)	12 mm * 189 mm * 1195 mm (Thickness * Width * Length)	8 mm * 191 mm * 1200 mm (Thickness * Width * Length)	8 mm * 191 mm * 1200 mm (Thickness * Width * Length)	8 mm * 191 mm * 1200 mm (Thickness * Width * Length)

LCA INFORMATION

Declared Unit	1 m^2 of Flooring with an average weight 16.2 kg/m^2
Time Representativeness	2019
Reference Service Life (RSL)	RSL is 20 years provided that it complies with the conditions of use. RSL depends on application area and usage.
Database(s) and LCA Software used	Ecoinvent 3.5 and SimaPro 9.0
Description of system boundaries	Cradle to gate with modules C1–C4 and module D (A1–A3 + C + D)

System Diagram



DESCRIPTION OF SYSTEM BOUNDARY

PRODUCT STAGE			CONSTRUCTION PROCESS STAGE		USE STAGE							END OF LIFE STAGE				BENEFITS AND LOADS BEYOND THE SYSTEM BOUNDARIES
Raw Materials Supply	Transport	Manufacturing	Transport from the gate to the site	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction	Transport	Waste processing	Disposal	Reuse-Recycling-Recovery Potential
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
X	X	X	X	MND	MND	MND	MND	MND	MND	MND	MND	X	X	X	X	X

The system boundary covers the production of raw materials, all relevant transport down to factory gate, manufacturing by AGT, deconstruction of the product from its construction site, transport of the deconstructed material to waste processing facility with an assumed distance of 200 km, waste processing and disposal.

Waste processing, while included in the system boundary, doesn't contribute to the environmental impacts due to the assumption that the product goes directly to landfill in disposal stage without any processing.

For benefits and loads beyond, a calorific value of 18.6 MJ per kg of MDF was assumed (Günther et al., 2012) to calculate the amount of avoided natural gas use for heating. AGT produces wooden packaging materials from its own process waste. Due to this, packaging materials were not included separately to avoid double counting.

For deconstruction stage, 0.323 MJ electricity use per kg of material was assumed (Gervasio et al., 2018). For environmental impact assessment, EF Method (adapted) which is available in SimaPro 9 was used.

Energy related indicators were calculated from Cumulative Energy Demand (LHV) and resource indicators were calculated using inventory flows. There are no co-product allocations within the LCA study underlying this EPD.

Hazardous and non-hazardous waste amounts were allocated using yearly production amounts of all AGT products. Primary data obtained from AGT is valid for year 2019. Ecoinvent 3.5 was used as secondary database.

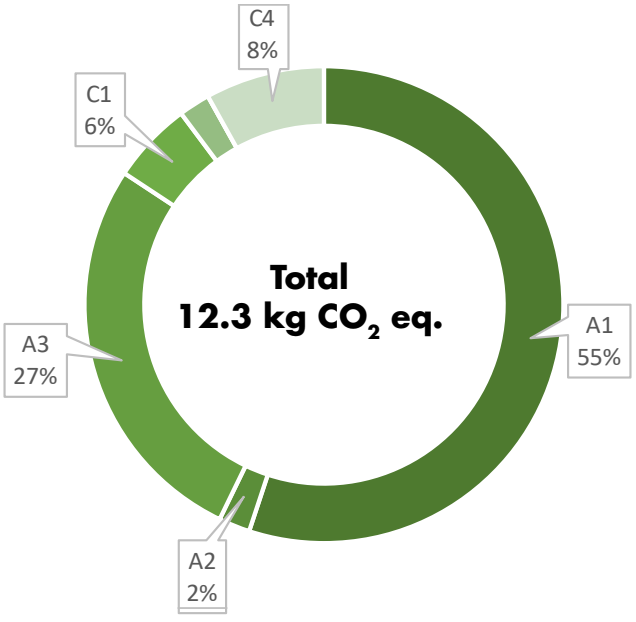
The product contains formaldehyde which is a substance of very high concern (SVHC) and is subject to authorization under the REACH Regulation. For details, test results are provided in the additional information section.

LCA RESULTS

Environmentals Impacts for 1 m² Flooring by AGT							
Impact Category	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
GWP - Total	kg CO_2 eq	11.3	0.738	0.284	0	1.08	-8.66
GWP - Fossil	kg CO_2 eq	11.2	0.732	0.283	0	0.103	-8.65
GWP - Biogenic	kg CO_2 eq	0.017	0.002	93.1E-6	0	0.974	-0.002
GWP - Luluc	kg CO_2 eq	0.038	0.004	74.8E-6	0	18.4E-6	-332E-6
ODP	kg CFC-11 eq	1.19E-6	24.1E-9	56.1E-9	0	32.2E-9	-743E-9
AP	mol H+ eq	0.074	0.004	0.001	0	0.001	-0.013
EP - Freshwater	kg PO_4 eq	0.015	0.002	69.5E-6	0	65.5E-6	-462E-6
*EP - Freshwater	kg P eq	0.005	0.001	22.9E-6	0	21.6E-6	-152E-6
EP - Marine	kg N eq	0.011	0.001	194E-6	0	0.005	-0.003
EP - Terrestrial	mol N eq	0.182	0.007	0.002	0	0.004	-0.032
POCP	kg NMVOC	0.035	0.002	0.001	0	0.001	-0.012
ADPE	kg Sb eq	41.1E-6	181E-9	546E-9	0	147E-9	-1.45E-6
ADPF	MJ	183	8.46	4.67	0	2.94	-133
WDP	m^3 depriv.	12.3	0.218	0.035	0	0.018	-0.684
PM	disease inc.	902E-9	19.9E-9	24.8E-9	0	19.7E-9	-36.9E-9
IR	kBq U-235 eq	0.489	0.011	0.023	0	0.021	-0.024
ETP - FW	CTUe	9.016	0.231	0.982	0	0.061	-1.69
HTTP - C	CTUh	160E-9	5.29E-9	1.96E-9	0	1.79E-9	-19.3E-9
HTTP - NC	CTUh	1.01E-6	48.1E-9	53.7E-9	0	8.54E-9	-114E-9
SQP	Pt	4360	0.667	8.01	0	11.0	-2.99
Acronyms	GWP-total: Climate change, GWP-fossil: Climate change- fossil, GWP-biogenic: Climate change - biogenic, GWP-luluc: Climate change - land use and transformation, ODP: Ozone layer depletion, AP: Acidification terrestrial and freshwater, EP-freshwater: Eutrophication freshwater, EP-marine: Eutrophication marine, EP-terrestrial: Eutrophication terrestrial, POCP: Photochemical oxidation, ADPE: Abiotic depletion - elements, ADPF: Abiotic depletion - fossil resources, WDP: Water scarcity, PM: Respiratory inorganics - particulate matter, IR: Ionising radiation, ETP-fw: Ecotoxicity freshwater, HTP-c: Cancer human health effects, HTP-nc: Non-cancer human health effects, SQP: Land use.						
Legend	A1: Raw Material Supply, A2: Transport, A3: Manufacturing, A1-A3: Sum of A1, A2, and A3. A4: Transport to Site, A5: Installation, C1: De-Construction, C2: Waste Transport, C3: Waste Processing, C4: Disposal, D: Benefits and Loads Beyond the System Boundary.						
* Eutrophication-freshwater is also provided in P as additional information.							

The results show that A1 - Raw Material stage is the biggest contribution to the environmental indicator of Global Warming Potential with 55%.

A3 - Manufacturing stage follows with %27.



Resource use for 1 m² Flooring by AGT							
Resource	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	MJ	16.0	1.06	0.047	0	0.091	-0.227
PERM	MJ	288	0	0	0	0	-231
PERT	MJ	304	1.06	0.047	0	0.091	-231
PENRE	MJ	183	8.46	4.67	0	2.94	0
PENRM	MJ	0	0	0	0	0	0
PENRT	MJ	183	8.46	4.67	0	2.94	0
SM	kg	0	0	0	0	0	0
RSF	MJ	0	0	0	0	0	-231
NRSF	MJ	0	0	0	0	0	0
FW	m^3	0.048	0.003	0.001	0	0.003	-0.023
Acronyms	PERE: Use of renewable primary energy excluding resources used as raw materials, PERM: Use of renewable primary energy resources used as raw materials, PERT: Total use of renewable primary energy, PENRE: Use of non-renewable primary energy excluding resources used as raw materials, PENRM: Use of non-renewable primary energy resources used as raw materials, PENRT: Total use of non-renewable primary energy, SM: Secondary material, RSF: Renewable secondary fuels, NRSF: Non-renewable secondary fuels, FW: Net use of fresh water.						

Waste and output flows for 1 m² Flooring by AGT							
Flow	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
HWD	kg	0.015	0	0	0	0	0
NHWD	kg	3.75	0	0	0	0	0
RWD	kg	0	0	0	0	0	0
CRU	kg	0	0	0	0	0	0
MFR	kg	0	0	0	0	0	0
MER	kg	0	0	0	0	0	-12.4
EE (Electrical)	MJ	0	0	0	0	0	0
EE (Thermal)	MJ	0	0	0	0	0	-231
Acronyms	HWD: Hazardous waste disposed, NHWD: Non-hazardous waste disposed, RWD: Radioactive waste disposed, CRU: Components for reuse, MFR: Material for recycling, MER: Materials for energy recovery, EE (Electrical): Exported energy electrical, EE (Thermal): Exported energy, Thermal						
Legend	A1: Raw Material Supply, A2: Transport, A3: Manufacturing, A1-A3: Sum of A1, A2, and A3, C1: De-Construction, C2: Waste Transport, C3: Waste Processing, C4: Disposal, D: Benefits and Loads Beyond the System Boundary.						

Information on Biogenic Carbon Content

Results per functional or declared unit		
Biogenic Carbon Content	**Unit**	**QUANTITY**
Biogenic carbon content in product	kg C	8.1

Note: It was assumed 50% of the product is biogenic carbon.

ADDITIONAL INFORMATION

Product | Catalogue

Please follow the product catalogue for more information, product details and images.

Scan or Click !

Product | Standarts

MDF products manufactured by AGT follows the below standards:

- GOSTR CERTIFICATE
- CE 14041:2018
- TS EN 13329
- Blue Angel Ecolabel

Scan or Click !

Blue Angel Ecolabel | Environmentally Friendly Product

The flooring products manufactured by AGT have the Blue Angel Ecolabel.

The Blue Angel is the ecolabel of the federal government of Germany since 1978. The Blue Angel sets high standards for environmentally friendly product design and has proven itself over the past 40 years as a reliable guide for a more sustainable consumption.

Scan or Click !

VOC Emissions | Indoor Air Quality

Testing institute: Fraunhofer Institut für Holzforschung Wilhelm-Klauditz-Institut WKI
Test report: MAIC-2019-4905
Test object: Testing evaluation of a flooring sample according to the criteria of the Blue Angel "Low Emission Floor Coverings, Panels and Doors for interiors made of wood and wood based materials(DE-UZ 176)"
Sample: Natura, Concept (Effect Laminate Flooring, Thickness ≤ 12 mm)
Method: /DIN EN ISO 16000/ part 3, 6, 9 and 11

Name	Value (After 7 Days)	Unit
TVOC (C6-C16)	15	µg/m³
Summe SVOC (C16-C22)	0	µg/m³
R (dimensionless)	0.067	µg/m³
VOC without LCI	0	µg/m³

Formaldehyde | Indoor Air Quality

Flooring: 0.992 mg/m²h
Class : E1

REFERENCES

/GPI/ General Programme Instructions of the International EPD® System. Version 3.0

/ISO 9001/ Quality management systems – Requirements

/ISO 14001/ Enviroment Management System- Requirements

/EN 15804:2012+A2:2019/ Sustainability of construction works - Environmental Product Declarations — Core rules for the product category of construction products

/ISO 14020:2000/ Environmental labels and declarations — General principles

/ISO 14025/ ISO 14025:2006 Preview Environmental labels and declarations – Type III environmental declarations – Principles and procedures

/ISO 14040-44/ ISO 14040:2006-10, Environmental management - Life cycle assessment - Principles and framework (ISO 14040:2006) and Requirements and guidelines (ISO 14044:2006)

/ISO 45001/ Occupational Health & Safety Management System Certification - Requirements

/ Gervasio et al., 2018 /Model for Life Cycle Assessment of buildings LCA, JRC Technical Reports, 2018.

/ Günther et al. ,2012 /Calorific value of selected wood species and wood products, Springer.

/PCR for Construction Products and CPC 54 Construction Services/ Prepared by IVL Swedish Environmental Research Institute, Swedish Environmental Protection Agency, SP Trä, Swedish Wood Preservation Institute, Swedisol, SCDA, Svenskt Limträ AB, SSAB, The International EPD System, 2019:14 Version 2.0, DATE 2019-12-20

/Ecoinvent/ Ecoinvent Centre, www.ecoinvent.org

/SimaPro/ SimaPro LCA Package, Pré Consultants, the Netherlands, www.pre-sustainability.com

CONTACT INFORMATION

Programme	EPD registered through fully aligned regional programme: EPD Turkey www.epdturkey.org TURKEY EPD® ENVIRONMENTAL PRODUCT DECLARATIONS	The International EPD® System www.environdec.com EPD® THE INTERNATIONAL EPD® SYSTEM
Programme Operator	EPD Turkey: SÜRATAM – Turkish Centre for Sustainable Production Research & Design Nef 09 B Blok No:7/15, 34415 Kagıthane / Istanbul, TURKEY info@suratam.org www.suratam.org	EPD International AB Box 210 60 SE-100 31 Stockholm, Sweden info@environdec.com
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AGT

www.agt.com.tr

TÜRK STANDARDLARI ENSTİTÜSÜ

TÜRK STANDARDLARINA UYGUNLUK BELGESİ

TURKISH STANDARDS INSTITUTION

CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tanımı Description of the Mark

TSE veya/or veya/or TSE

BELGE NUMARASI *REFERENCE NUMBER OF LICENCE*	024871-TSE-05/04
BELGENİN İLK VERİLİŞ TARİHİ *DATE OF FIRST ISSUE OF LICENCE*	15.09.2017
BELGENİN SON GEÇERLİLİK TARİHİ *LICENCE VALID UNTIL*	15.09.2020
BELGE SAHİBİ KURULUŞUN ADI *NAME OF THE LICENCE HOLDER*	AGT AĞAÇ SANAYİ VETİC.A.Ş.
BELGE SAHİBİ KURULUŞUN ADRESİ *ADRESS OF THE LICENCE HOLDER*	ORGANİZE SANAYİ BÖLGESİ 3.KISIM 35. CAD. NO:7 DÖŞEMEALTI ANTALYA/TÜRKİYE
ÜRETİM YERİ ADI *NAME OF THE MANUFACTURING PLACE*	AGT AĞAÇ SAN.TİC.AŞ.
ÜRETİM YERİ ADRESİ *ADRESS OF THE MANUFACTURING PLACE*	ORGANİZE SAN.BÖLGESİ 3.KISIM 35.CAD. NO 7 DÖŞEMEALTI ANTALYA / TÜRKİYE
İPTAL EDİLEN BELGE NUMARASI (Varsa) *INDICATION OF SUPERSEDED LICENCE (if any)*	024871-TSE-05/03
TESCİLLİ TİCARİ MARKASI *REGISTERED TRADE MARK*	AGT CONSEPT PARKE
İLGİLİ TÜRK STANDARDI *RELATED TURKISH STANDARD*	TS EN 13329+A1 / 18.12.2017

BELGE KAPSAMI
SCOPE OF LICENCE

COMMERCIAL USE; ABRASION CLASS 32 (AC4) LAMINATE FLOOR COVERİNGS

TÜRK STANDARDLARI ENSTİTÜSÜ ANTALYA TSE Belgelendirme Müdürlüğü 1954

17.09.2019

On Behalf Of The Head Of Certification Center
RASİM YILMAZ
ANTALYA BELGELENDİRME MÜDÜRÜ V.

*This certificate also shows that the production place of the certified product meets the requirements of Institute.
*This certificate under any circumstances cannot be changed, duplicated partially or in a way that makes it difficult to read and erasure cannot be done.
*TSE * Address: Gençlik Mah.Işıklar Cad.Falez Apt.No:59 ANTALYA * Telephone: 0242-346 65 03 / 334 01 17* Fax: 0242-248 50 06
*TSE HEAD OF CERTIFICATION CENTER; Address: Necatibey Cad. No:112 06100 Bakanlıklar/ANKARA – Telephone: 0 312 416 64 81 / 416 64 27, Fax:0 312 416 66 17 E-mail :bmb@tse.org.tr , web : www.tse.org.tr

Please check the accuracy and validity of the certificate from **https://evrakkontrol.tse.org.tr/BelgeDogrulama.aspx?p=nzyd87oe**

PERFORMANCE STATEMENT
CNP01

CE

AGT Ağaç San. Tic. A.Ş.,Organize Sanayi Bölgesi 3. Kısım, 35. Cadde

Antalya, 07190 Türkiye

17

Product type identification code / ID Code: CNP01

TS EN 14041

14041:2018 floor covering for interio applications

Purposes Of Use	Interior
Reaction to fire according to	Class Bfl-s1
Slip Resistance According	DS
Formaldehyde	E0
Quantitative determination of pentachlorophenol	DL

PERFORMANCE STATEMENT	
Product type identification code / ID Code	CNP01
Type And Descriptive Sign	According to EN 13329 and EN 14041:2018 AGT CONCEPT parquet all types and versions
Purpose / Purposes Of Use:	EN 14041:2018 floor covering for interio applications
Manufacturer	AGT Ağaç San.Tic.A.Ş. Organize San. Bölgesi/ANTALYA-TÜRKİYE
Authorized Representative	-
Assessment and Verification of Performance Invarience System / Systems	EN 14041:2018'e göre System 3
Harmonized Standard	EN 14041:2018
Notified Body / Bodies	Notified Body No.1389 – MENDELU, The Joinery Products Testing Insitute in Zlin, Louky 304

DECLARED PERFORMANCE/S

CHARACTERISTICS	TEST INFORMATION	CLASSIFICATION	HARMONIZED STANDARD
Reaction to fire according to EN 13501-1+ A1	Test No. AZL-17/0582 issued on 30.06.2017 AZL No.1000 – Textile İnstitute, Václavská 6, Brno	B_{fl}-s1	EN 14041:2018
Slip Resistance According To EN 13893	Test No. AZL-17/0582 issued on 30.06.2017 AZL No.1000 – Textile İnstitute, Václavská 6, Brno	DS	EN 14041:2018
Formaldehyde class according to EN 717-1	Test Report No. AB-0001-T issued on 07.08.2020 402091 – TSE Construction Materials Laboratory (Gebze)	EO HCHO	
Quantitative determination of pentachlorophenol in wood – chromatographic method according to CEN/TR 14823:2203	Test No. AZL-17/0582 issued on 30.06.2017 AZL No.1000 – Textile İnstitute, Václavská 6, Brno	DL PCP <0,1mg/kg (ppm)	EN 14041:2018
Thermal resistance value according to EN 12664	Test No. 443041 Headshıp Of Tse Test And Calıbratıon Center Construction Materıals Fıre And Acoustıcs Laboratory Dırectorate	YERDEN ISITMAYA UYGUN / HEATING SYSTEM	EN 14041:2018
NALFA LF-01-2019	North Carolina State University Wood Product Laboratory, Project number: WPL 20-1813		NALFA Standards Publication LF 01-2019
Environmental Product Declarations, EPD	EPD İnternational AB Box 210 60 SE-100 31, Stockholm Sweden, EPD Registration Number: S-P-01915	S-P-01915 EPD® www.epdturkey.org	ISO 14025 ve EN 15804:2012+A2:2019
Blue Angel	On the basis of the contract on the use of the environmental label no. 34338 based on DE-UZ 176 Edition 2013	www.blauer-engel.de/uz176 · low emissions and pollutants · wood from sustainable forestry · no adverse impact on health in the living environment	Eco label
Electrostatic Properties	NPD		EN 1815 EN1081

PERFORMANCE STATEMENT
CNP01

CHARACTERISTICS	TEST INFORMATION	CLASSIFICATION	HARMONIZED STANDARD
Thermal Conductivity		NPD	EN 12667 EN ISO 10456

Appropriate Technical Documentation and / or Special Technical Documentation	It has been prepared in accordance with Regulation (EU) No 305/2011 and has been declared on **28.04.2017** for its compliance with its performance statement. The document was revised on **14.08.2020**

NAME:

GÜLTEKİN SİLAHŞÖR

TITLE:

QUALITY AND P&D DIRECTOR

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Tel.: 0.242. 249 17 17 • Fax: 0.242. 249 17 27
Antalya Kurumlar Vergi Dairesi: 008 074 2719
Mersis No: 0008 0742 7190 0019

SIGNATURE:

TS EN 12664 : 2009 Thermal Performance of Building Materials and Products – Determination of Thermal Resistance By Means of Guarded Hot Plate and Heat Flow Meter Methods – Dry and Moist Products Of Medium and Low Thermal Resistance

TS EN 12664 standard; It is the standard that provides more detailed information about dry or humid measurement methods for materials that are significantly affected by moisture. In our parquet, As their thermal conductivity is high and their thickness is low, this is within the scope of this standard because their thermal resistance is below 0.5.

Conditioning of test sample before test: Test sample conditioned at (23 +, -)℃ and %(50+,-5) RH until become constant weight. Test were completed by TSE Construction Materials Fire and Acoustics Laboratory Directorate

THERMAL RESİSTANCE - PARQUET

REQUEST NO / SAMPLE NO	SAMPLE NAME	THICKNESS	STANDART NO	THERMAL RESİSTANCE
TSE 229534 / 436384	**AGT NATURA PARQUET**	**8mm**	TS EN 12664 : 2009	**0,06 m² K/W**
TSE 229534 / 436385	**AGT EFFECT PARQUET**	**12 mm**	TS EN 12664 : 2009	**0,09 m² K/W**
TSE 229534 / 436386	**AGT BELLA PARQUET**	**7,6mm**	TS EN 12664 : 2009	**0,06 m² K/W**
TSE 229534 / 436387	**AGT CONCEPT PARQUET**	**10 mm**	TS EN 12664 : 2009	**0,07 m² K/W**