SENTINEL HOLDING
INSTITUT

SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

14326-10-1043

ELEMENTA+

Product group: Interior construction - Wood & Wood materials

LOGOCLIC®

LOGOCLIC / BAUHAUS
Gutenbergstraße 21
68167 Mannheim

Product qualities:

- SHI Product Assessment 2024 ✓
- DGNB NEW CONSTRUCTION 2023 ✓
- DGNB NEW CONSTRUCTION 2018 ✓
- BREEAM DE NEUBAU 2018 ✓
- LEED v4.1 (outside US) ✓

CERTIFIED SUSTAINABLE PRODUCT
SHI PRODUCT PASSPORT
SENTINEL HOLDING INSTITUT
www.sentinel-holding.eu

Köttner

Helmut Köttner
Scientific Director
Freiburg, 23 March 2026

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The SHI Database is the first and only database for construction products whose comprehensive processes and data accuracy are regularly verified by the independent auditing company SGS-TÜV Saar

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SHI Product Assessment 2024

Since 2008, Sentinel Holding Institut GmbH (SHI) has been establishing a unique standard for products that support healthy indoor air. Experts carry out independent product assessments based on clear and transparent criteria. In addition, the independent testing company SGS regularly audits the processes and data accuracy.

Criteria	Product category	Harmful substance limit	Assessment
SHI Product Assessment	Wood materials	TVOC ≤ 300 µg/m^3 Formaldehyd ≤ 36 µg/m^3	Indoor Air Quality Certified
Valid untill: 24 February 2028			

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DGNB New Construction 2023

The DGNB System (German Sustainable Building Council) assesses the sustainability of various types of buildings. It can be applied to both large-scale private and commercial projects as well as smaller residential buildings. The 2023 version sets high standards for ecological, economic, socio-cultural, and functional aspects throughout the entire life cycle of a building.

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 03.05.2024 (3rd edition)			Not relevant for assessment

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 29.05.2025 (4th edition)			Not relevant for assessment

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DGNB New Construction 2018

The DGNB System (German Sustainable Building Council) assesses the sustainability of various types of buildings. It can be applied to both large-scale private and commercial projects as well as smaller residential buildings.

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact			Not relevant for assessment

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BREEAM DE Neubau 2018

BREEAM (Building Research Establishment Environmental Assessment Methodology) is a UK-based building assessment system that evaluates the sustainability of new constructions, refurbishments, and conversions. Developed by the Building Research Establishment (BRE), the system aims to assess and improve the environmental, economic, and social performance of buildings.

Criteria	Product category	Considered substances	Quality level
Hea 02 Indoor Air Quality	Wood-based products	Emissions: Formaldehyde, TVOC, TSVOC, carcinogens	Exemplary quality
Verification: Prüfbericht eco-Institut Nr. 57557-A002-M1-L vom 27.09.2022			

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LEED v4.1

LEED (Leadership in Energy and Environmental Design) is an internationally recognised building certification system developed by the U.S. Green Building Council. It is one of the most widely used sustainability standards for buildings worldwide and is particularly applied in internationally oriented projects. LEED assesses buildings holistically across categories such as energy efficiency, resource conservation, material selection, indoor environmental quality and site sustainability. Depending on the number of points achieved, projects are awarded one of the certification levels: LEED Certified, Silver, Gold or Platinum.

Criteria	Product category	Assessment
EQ Credit: Low-Emitting Materials	Holzwerkstoffe	compliant
Verification: Prüfbericht eco-Institut Nr. 57557-A002-M1-L vom 27.09.2022		

Product:
ELEMENTA+

SHI Product Passport no.:
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Product labels

In the construction industry, high-quality materials are crucial for a building's indoor air quality and sustainability. Product labels and certificates offer guidance to meet these requirements. However, the evaluation criteria of these labels vary, and it is important to carefully assess them to ensure products align with the specific needs of a construction project.

This product is SHI Indoor Air Quality certified and recommended by Sentinel Holding Institut. Indoor-air-focused construction, renovation, and operation of buildings is made possible by transparent and verifiable criteria thanks to the Sentinel Holding concept.

Product:
ELEMENTA+

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Legal notices

(*) These criteria apply to the construction project as a whole. While individual products can positively contribute to the overall building score through proper planning, the evaluation is always conducted at the building level. The information was provided entirely by the manufacturer.

Find our criteria here: https://www.sentinel-holding.eu/de/Themenwelten/Pr%C3%BCfkriterien%20f%C3%BCr%20Produkte

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SGS TÜV SAAR

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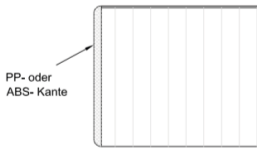
LOGOCLIC®
WORKTOPS

ELEMENTA+

3650 x 650 x 25 mm

Produkt:

Nenndicke : 25 mm
dekorativer Schichtstoff, Arbeitsflächenqualität
Trägerplatten Spanplatten Typ P2 EN 312, E1 bzw. CARB P 2
Gegenzugfolie, ungebleicht
Verklebung mit Klebstoffen D3 gem. EN 204
Hinterkante PP-Kante



Platteneigenschaften	**Prüfnorm**	**Klassifizierung gemäß EN 312**
Dichte:	EN 323	± 10 %
Biegefestigkeit:	EN 310	> 25 bis 32mm -> 9,5 N/mm² ; > 32 bis 40mm -> 8,5 N/mm²
Biege-E-Modul:	EN 310	> 25 bis 32mm -> 1500 N/mm² ; > 32 bis 40mm -> 1200 N/mm²
Querzugfestigkeit:	EN 319	> 25 bis 32mm -> 0,25 N/mm² ; > 32 bis 40mm -> 0,20 N/mm²
Abhebefestigkeit:	EN 311	> 25 bis 32mm -> 0,8 N/mm² ; > 32 bis 40mm -> 0,8 N/mm²
Emissionsklasse Formaldehyd	EN16516	E1 (E0,5)
Plattenfeuchte bei Auslieferung:	EN 322	5 % bis 13 %
Pentachlorphenol:	EN 71-10 / -11	< 3,0 mg / kg
Verleimung:	EN 312	UFm + MDI
Holzeinastz:	-	Siehe Lacey Act
Herstellverfahren:	EN 312	Conti-Press-Verfahren
Plattentoleranzen	**Prüfnorm**	**Klassifizierung**
Längentoleranz	HPL= EN 438 / Träger= EN 312	+/- 10mm / +/-5mm
Breitentoleranz	HPL= EN 438 / Träger= EN 312	+/- 10mm / +/-5mm
Dickentoleranz	EN 324 / EN 438	+/- 0,3mm / +/- 0,5mm (beidseitig beschichtet)
Kantenausbrüche, handelsübliche Maße	EN 438	1 Ecke, 5x5mm zul.
Kantenausbrüche, Zuschnitte	-	-
Ebenheit	**Prüfnorm**	**maximale Abweichung (mm)**
bis 600mm	EN 438	0,9 mm
601 - 700mm	EN 438	1,1 mm
701 - 800mm	EN 438	1,3 mm
801 - 900mm	EN 438	1,6 mm
901 - 1000mm	EN 438	2,0 mm
1001 - 5600mm	EN 438	2,0 mm/m
Platteneigenschaften	**Prüfnorm**	**Klassifizierung gemäß EN 312**
Klassifizierung Schichtstoff	EN 438 - 3	HGP
Allgemeine Oberflächeneigenschaften	EN 438	EN 438 - 2
Herstellverfahren:	EN 438	HPL / CPL
Kratzfestigkeit	EN 438 - 2	mind. 3 [Grad]
Stossbeanspruchung (kleiner Durchmesser)	ISO 4211-4	>/= 15 [N]
Oberflächenfehler	EN 438	Flecken, Schmutz, Punkte etc. = 1mm² je m² zul. Fasern,Haare,Kratzer = 10mm je 1 m² zul.
Fleckenunempfindlichkeit	EN 438 - 2	Gruppe 1 = 5 ; Gruppe 2 = 5 ; Gruppe 3 =4 [Grad]
Verhalten gegenüber Wasserdampf	EN 438 - 2	3 Zyklen a 5 min
Verhalten gegenüber heißen Topfböden, feuchte und trockene Hitze	EN-12721 ; EN-12722	feuchte Hitze = 85 [°C] ; trockene Hitze = 160 [°C]
Lichtechtheit (Xenon-Bogenlampe)	EN 438 - 2	>/= 4 [Graumaßstab]
Abriebbeständigkeit	EN 438 - 2	>/= 150 [Umdrehungen]

Das Datenblatt wird regelmäßig dem Stand der Technik angepasst. Diese Ausgabe ersetzt alle früheren Ausgaben und die ohne Datum.
Die Gültigkeit beginnt mit der Erstellung. Stand: 05/2025

* Im Wohnbereich. Ausführliche Garantiebedingungen: www.logoclic.info