SENTINEL HOLDING
INSTITUT

SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

14272-10-1066

Probau Ausbauplatte EASY

Product group: Plasterboard

PROBAU / BAUHAUS
Gutenbergstraße 21
68167 Mannheim

Product qualities:

- SHI Product Assessment 2024
- QNG Qualitätssiegel Nachhaltiges Gebäude
- DGNB NEW CONSTRUCTION 2023.2
- DGNB NEW CONSTRUCTION 2023
- DGNB NEW CONSTRUCTION 2018

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

Köttner

Helmut Köttner
Scientific Director
Freiburg, 26 August 2026

Product:
Probau Ausbauplatte EASY

SHI Product Passport no.:
14272-10-1066

PROBAU®

Contents

SHI Product Assessment 2024	1
QNG - Qualitätssiegel Nachhaltiges Gebäude	2
DGNB New Construction 2023.2	3
DGNB New Construction 2023	4
DGNB New Construction 2018	5
Product labels	6
Legal notices	7
Technical data sheet/attachments	8

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

SENTINEL HOLDING
INSTITUT

Product:
Probau Ausbauplatte EASY

SHI Product Passport no.:
14272-10-1066

PROBAU®

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	Other products	TVOC ≤ 300 µg/m^3 Formaldehyd ≤ 24 µg/m^3	Indoor Air Quality Certified
Valid untill: 31 January 2027			

SENTINEL HOLDING
INSTITUT

Product:
Probau Ausbauplatte EASY

SHI Product Passport no.:
14272-10-1066

PROBAU®

QNG - Qualitätssiegel Nachhaltiges Gebäude

The Qualitätssiegel Nachhaltiges Gebäude (Quality Seal for Sustainable Buildings), developed by the German Federal Ministry for Housing, Urban Development and Building (BMWSB), defines requirements for the ecological, socio-cultural, and economic quality of buildings. The Sentinel Holding Institut evaluates construction products in accordance with QNG requirements for certification and awards the QNG ready label. Compliance with the QNG standard is a prerequisite for eligibility for the KfW funding programme. For certain product groups, the QNG currently has no specific requirements defined. Although classified as not assessment-relevant, these products remain suitable for QNG-certified projects.

Criteria	Pos. / product group	Considered substances	QNG assessment
3.1.3 Schadstoffvermeidung in Baumaterialien			QNG ready - Not relevant for assessment

SENTINEL HOLDING
INSTITUT

Product:
Probau Ausbauplatte EASY

SHI Product Passport no.:
14272-10-1066

PROBAU®

DGNB New Construction 2023.2

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

SENTINEL HOLDING
INSTITUT

Product:
Probau Ausbauplatte EASY

SHI Product Passport no.:
14272-10-1066

PROBAU®

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	Assessment
ENV1.1 Climate action and energy (*)	May positively contribute to the overall building score

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	Assessment
SOC1.2 Indoor air quality (*)	May positively contribute to the overall building score

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 applicable		Not relevant for assessment

SENTINEL HOLDING
INSTITUT

Product:
Probau Ausbauplatte EASY

SHI Product Passport no.:
14272-10-1066

PROBAU®

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

SENTINEL HOLDING
INSTITUT

Product:
Probau Ausbauplatte EASY

SHI Product Passport no.:
14272-10-1066

PROBAU®

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.

Products bearing the Sentinel Holding Institute QNG-ready seal are suitable for projects aiming to achieve the "Qualitätssiegel Nachhaltiges Gebäude" (Quality Seal for Sustainable Buildings). QNG-ready products meet the requirements of QNG Appendix Document 3.1.3, “Avoidance of Harmful Substances in Building Materials.” The KfW loan program Climate-Friendly New Construction with QNG may allow for additional funding.

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:
Probau Ausbauplatte EASY

SHI Product Passport no.:
14272-10-1066

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

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

Publisher

Sentinel Holding Institut GmbH
Bötzinger Str. 38
79111 Freiburg im Breisgau
Germany
Tel.: +49 761 590 481-70
info@sentinel-holding.eu
www.sentinel-holding.eu

Ausbauplatte EASY



Produktbeschreibung:
Ausbauplatte EASY ist eine kartonummantelte Gipsplatte nach DIN EN 520, Typ A mit geschlossener Oberfläche.

Anwendungsbereich:
Zur Herstellung von Trockenbaukonstruktionen i.d.R. ohne Brandschutzanforderungen.

Verarbeitung:
Die Ausbauplatte EASY ist wie herkömmliche Gipsplatten zu verarbeiten. Die Verarbeitung der Ausbauplatte EASY erfolgt nach den allgemein anerkannten Regeln der Technik.

Merkmale

- Effizient
- Leichte Verarbeitung
- Vorgefaste Querkante
- Halbrunde, abgeflachte Längskante

Anwendungsbereiche

- Gipsplatte für den Innenbereich
- Decken
- Wände
- Dachschrägen / Dächer

Technische Daten

Parameter	Zeichen	Wert	Einheit	Nachweis
Material				
Materialart		Gipskarton		
Typisierung				
Typ		A		DIN EN 520
		GKB		DIN 18180
Baustoffklasse				
Brandverhalten		A2-s1, d0		DIN EN 13501-1
Kanten				
Längskante		HRAK		
Querkante		SKF (gefaste Kante)		
Abmessungen				
Dicke	d	12,5	mm	DIN EN 520
Breite	b	900	mm	DIN EN 520
Länge	l	2000	mm	DIN EN 520

Parameter	Zeichen	Wert	Einheit	Nachweis
Toleranzen				
Dicke		±0,5	mm	DIN EN 520
Breite		+0/-4	mm	DIN EN 520
Länge		+0/-5	mm	DIN EN 520
Rechtwinkligkeit: Abweichung je Meter Breite		≤2,5	mm/m	DIN EN 520
Normgewicht				
Flächenbezogene Masse	≥	8,5	kg/m²	DIN 18180
Rohdichte	≥	680	kg/m³	DIN EN 520
Festigkeitskennwerte				
Biegebruchlast - parallel	≥	210	N	DIN EN 520 / DIN 18180
Biegebruchlast - quer	≥	610	N	DIN EN 520 / DIN 18180
Biegezugfestigkeit - parallel	≥	2,4	N/mm²	Berechnet
Biegezugfestigkeit - quer	≥	6,8	N/mm²	Berechnet
Zugfestigkeiten - quer ca.		1,0-1,2	N/mm²	Gipsdatenbuch
Zugfestigkeiten - längs ca.		1,8-2,5	N/mm²	Gipsdatenbuch
Elastizitäts-Modul - parallel	≥	2200	N/mm²	DIN 18180
Elastizitäts-Modul - quer	≥	2800	N/mm²	DIN 18180
Haftfestigkeit - von Fugenspachtel	≥	0,25	N/mm²	DIN EN 13963
Scherfestigkeit - der Verbindung zwischen Platte und Unterkonstruktion		510	N	DIN EN 520
Scherfestigkeit - senkrecht		3,0-4,5	N/mm²	Gipsdatenbuch
Scherfestigkeit - parallel		2,5-4,0	N/mm²	Gipsdatenbuch
Druckfestigkeit - senkrecht		5-10	N/mm²	Gipsdatenbuch
Oberflächenhärte - nach Brinell		10-18	N/mm²	DIN EN ISO 6506-1
Wärme				
Wärmeleitfähigkeit	$\lambda_{R,Platte}$	0,25	W/(m·K)	DIN EN ISO 10456
Spez. Wärmekapazität bei 20°C	c	0,96	kJ/(kg.K)	Gipsdatenbuch
Wärmeausdehnungskoeffizient bei 60% rel. F. ca.		0,013-0,020	mm/(m·K)	Gipsdatenbuch
Grenzbelastung durch Wärme (Langzeitbelastung)		max. 50 (kurzfristig bis 60)	°C	Gipsdatenbuch

Ausbauplatte EASY – 2.000 x 900 x 12,5 mm

Parameter	Zeichen	Wert	Einheit	Nachweis
Feuchte				
Feuchtedehnung bei Änderung der r.LF um 30% (20°C)		0,015	%	DIN EN 318
Feuchtigkeitsaufnahme bei 20°C, 80% rel. F. ca.		1,0-2,0	Masse-%	Gipsdatenbuch
Feuchtigkeitsaufnahme bei 20°C, 60% rel. F. ca.		0,6-1,0	Masse-%	Gipsdatenbuch
Feuchtigkeitsaufnahme bei 20°C, 40% rel. F. ca.		0,3-0,6	Masse-%	Gipsdatenbuch
Kapillare Steighöhe von Wasser / Tauchzeit ca. 24 h		20-22	cm	Gipsdatenbuch
Kapillare Steighöhe von Wasser / Tauchzeit ca. 2 h		7-8	cm	Gipsdatenbuch
Kapillare Steighöhe von Wasser / Tauchzeit ca. ½ h		3-4	cm	Gipsdatenbuch
Austrocknungszeit nach 2 h Wasserlagerung ca.		70	hour(s)	Gipsdatenbuch
(Gesamt-) Wasseraufnahme bei 2 h Lagerung unter Wasser		30-50	Masse-%	Gipsdatenbuch
Wasserdampf-Diffusionsäquivalente Luftschichtdicke (nass)	sd_{nass}	0,05	m	Berechnet
Wasserdampf-Diffusionsäquivalente Luftschichtdicke (trocken)	$sd_{trocken}$	0,13	m	Berechnet
Wasserdampfdiffusionswiderstandszahl	μ_{nass}	4		DIN EN ISO 10456
	$\mu_{trocken}$	10		DIN EN ISO 10456
Sonstiges				
Luftdurchlässigkeit		$1{,}4 \cdot 10^6$	$m^3/(m^2 \cdot s \cdot Pa)$	DIN EN 520
pH-Wert		6-9	ph	
Kristallin gebundenes Wasser im Gipskern ca.		16-20	%	
Hinweise				
Lagerung		Trocken Flach und eben Schattig Belüftet		
Lagerfähigkeit		Unbegrenzt		
Abfallentsorgungsschlüssel		170802		

Saint-Gobain Rigips GmbH • Hauptverwaltung Schanzenstraße 84 • D-40549 Düsseldorf • Postfach 11 09 48 • D-40509 Düsseldorf • Tel +49 (0)211 5503-0 • Fax +49 (0)211 5503-208 • www.rigips.de