SENTINEL HOLDING
INSTITUT

SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

1782-10-1015

Taterra Dryback / Glue Down

Product group: Design floors

PARADOR

Parador GmbH
Millenkamp 7 – 8
48653 Coesfeld

Product qualities:

- SHI Product Assessment 2024
- QNG Qualitätssiegel Nachhaltiges Gebäude
- DGNB NEW CONSTRUCTION 2023.2
- DGNB NEW CONSTRUCTION 2023
- DGNB NEW CONSTRUCTION 2018
- BNB-BN NEUBAU V2015
- EU TAXONOMY
- 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, 17 August 2026

SENTINEL HOLDING
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Product:
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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	Other floor coverings	TVOC ≤ 160 µg/m^3 Formaldehyd ≤ 10 µg/m^3	Indoor Air Quality Certified
Valid untill: 05 September 2027			

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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	2.2 Resilient floor coverings – including multilayer systems	VOC / Emissions / hazardous substances / polycyclic aromatic hydrocarbons (PAH) / SVHC / heavy metals	QNG ready
Verification: Blauer Engel zertifiziert			

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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

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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)	7 Floor coverings (Resilient floor coverings)	VVOCs, VOC, SVOC emissions and content of hazardous substances	Quality level 4
Verification: Blauer Engel zertifiziert			

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 29.05.2025 (4th edition)	7 Floor coverings for indoor use (elastic floor coverings)	VVOCs, VOC, SVOC emissions and content of hazardous substances	Quality level 4
Verification: Blauer Engel zertifiziert			

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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	7 Floor coverings (Resilient floor coverings)	VOC / SVOC / hazardous substances	Quality level 4
Verification: Blauer Engel zertifiziert			

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BNB-BN Neubau V2015

The Bewertungssystem Nachhaltiges Bauen (Assessment System for Sustainable Building) is a tool for evaluating public office and administrative buildings, educational facilities, laboratory buildings, and outdoor areas in Germany. The BNB was developed by the former Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) and is now overseen by the Federal Ministry for Housing, Urban Development and Building (BMWSB).

Criteria	Pos. / product type	Considered substance group	Quality level
1.1.6 Risiken für die lokale Umwelt	2a Elastic floor coverings – with and without bonded underlay or insulation layer	VOC / hazardous substances / heavy metals	Quality level 5
Verification: Blauer Engel zertifiziert			

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EU taxonomy

The EU Taxonomy classifies economic activities and products according to their environmental impact. At the product level, the EU regulation defines clear requirements for harmful substances, formaldehyde and volatile organic compounds (VOCs). The Sentinel Holding Institut GmbH labels qualified products that meet this standard.

Criteria	Product type	Considered substances	Assessment
DNSH - Pollution prevention and control	Floor coverings (including associated adhesives and sealants)	Stoffe nach Anlage C, Formaldehyd, Karzinogene VOC Kategorie 1A/1B	compliant
Verification: Blauer Engel zertifiziert			

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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	Flooring materials (including floor levelling compounds and resin flooring)	Emissions: Formaldehyde, TVOC, TSVOC, carcinogens	Exemplary quality

Verification: Prüfbericht eco-Institut Nr. 60172-A001-BE-L vom 21.08.2025 und Prüfbericht eco-Institut Nr. 59857-A001-BE-L vom 23.06.2025.

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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	Considered substances	Assessment
EQ Credit: Low-Emitting Materials	Bodenbeläge	Emissionen: Formaldehyd, VOC, Krebserregende Stoffe	compliant
Verification: Prüfbericht eco-Institut Nr. 60172-A001-BE-L vom 21.08.2025 und Prüfbericht eco-Institut Nr. 59857-A001-BE-L vom 23.06.2025.			

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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.



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.



The *Blue Angel* (“Blauer Engel”) ecolabel, awarded by the German Federal Environment Agency, is one of the oldest and most widely used ecolabels in Germany. It exists in several variants for many different product groups. Since the test criteria, such as threshold values, differ between these variants, it is important to consider each one individually when assessing indoor air quality.

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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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PARADOR

Taterra Dryback / Glue Down 2.4mm

Produkteigenschaften

Format		1290 x 210 x 2,4 mm
Verpackung	**Paket:**	17 Elemente / 4,605 m2 / 15,497 kg
	Palette:	48 Pakete / 221,054 m2 / 763,88 kg

Allgemeine Anforderungen (ISO 19322)

Länge - Abweichung ≤ 0,13% max. 0,5mm	≤ 0,13% max. 0,5mm	
Breite - Abweichung ≤ 0,1% max. 0,5mm	≤ 0,1% max. 0,5mm	
Rechtwinkligkeit des Elementes und Kantengeradheit (ISO 24342) - Abweichung ≤ 0,35mm	≤ 0.35mm	
Gesamtstärke (ISO 24346)	mittel: 2,4mm + 0,13 / - 0,10 mm	Einzelwerte: 2,4mm ±0,15 mm
Flächengewicht (ISO 23997)	3.300 g/m2 ± 5%	
Maßänderung nach Wärmeeinwirkung (ISO 23999) ≤ 0,25 % Verfahren B - 50°C	≤ 0,2%	
Schüsselung nach Wärmeeinwirkung (ISO 23999) ≤ 2mm Verfahren B - 50°C	≤ 2mm	
Lichtechtheit (EN ISO 105 – B02 / Methode 3)	Wollblauskala: Stufe ≥ 6	

Garantieleistung (laut Parador Garantiebestimmungen)		Hinweise
Privater Bereich	Gewerblicher Bereich	- nur für vollflächige Verklebung geeignet
Lifetime	20 Jahre	- Reinigung und Pflege siehe Anleitung
		- Technische Änderungen vorbehalten

EN 14041:2004/AC:2006

Klassifizierung

Nutzungsklasse 23 = privater Wohnbereich mit intensiver Nutzung	Nutzungsklasse 33 = gewerblicher Bereich mit intensiver Nutzung

Der Designboden erfüllt alle Eigenschaften der ausgewiesenen Nutzungsklasse.

Anforderungen / Eigenschaften		Prüfnorm	Bewertung
Cfl-s1	Brandverhalten	EN 13501-1	C_{fl} s1
	Kritischer Wärmestrahlungsfluss / Critical Radiant Flux (Radiant Panel)	ASTM E648	Klasse I: ≥ 0,45 W/cm² auf mineralfaserverstärktem Zementplattenuntergrund, verklebt mit dem Klebstoff Sika Bond 6000
	Rauchdichte	ASTM E662	≤ 350
DS	Gleitreibung	EN 13893 EN 14041	μ ≥ 0,30 DS
	Fleckenunempfindlichkeit	EN 438-2	Gruppe 1+2: Grad 5, keine sichtbare Veränderung Gruppe 3: Grad 4, leichte Veränderung
	Beanspruchung durch Stuhlrollen	EN ISO 4918	Typ W, keine sichtbaren Veränderungen (25.000 Umdrehungen)
	Wärmedurchlasswiderstand Zur Verlegung auf Fußbodenheizung geeignet.	EN 12667	0,010 m²*K/W
	Verschieben eines Möbelfußes	EN ISO 16581	kein sichtbarer Schaden (Stempel Typ 0)
	Eindruck nach konstanter Belastung	EN ISO 24343-1	≤ 0,05 mm
E1 HCHO	Emission von Formaldehyd (E1 = 0,1 ppm)	ISO 16000	≤ 0,05 ppm
	Beständigkeit gegen Abrieb	ISO 24338, Verfahren B	> 7.000 Umdrehungen
	Beständigkeit gegen Stoßbeanspruchung (große Kugel)	EN 13329 Anhang F	≥ 1.800 mm
	Wasserbeständigkeit	ISO 4760	wasserfest
	Verhalten bei Kratzbeanspruchung	ISO 19322 - Anhang A	≥ 3 N
	Mikrokratzbeständigkeit	EN 16094	Verfahren A MSR-A2 Für matte Oberflächen (Glanz ≤ 7): ≤ 1,5 Einheitenänderung bei 60°
	Rutschhemmung	EN 16165, Anh. B Schiefe Ebene	R10
		EN 16165, Anh. C Pendelprüfung	PTV (trocken (Gleiter 96)) ≥ 36 Low slip potential gem. UK Slip resistance group
	Entsorgung	EAK-Schlüssel (Europäischer Abfallkatalog)	17 02 03

PARADOR

Taterra Dryback / Glue Down 4,5mm

Produkteigenschaften		
Format		1294 x 198 x 4,5 mm
Verpackung	**Paket:**	10 Elemente / 2,562 m2 / 17,980 kg
	Palette:	48 Pakete / 122,982 m2 / 878,04 kg

Allgemeine Anforderungen (ISO 19322)		
Länge - Abweichung ≤ 0,13% max. 0,5mm	≤ 0.13% max. 0,5mm	
Breite - Abweichung ≤ 0,1% max. 0,5mm	≤ 0.1% max. 0,5mm	
Rechtwinkligkeit des Elementes und Kantengeradheit (ISO 24342) - Abweichung ≤ 0,35mm	≤ 0.35mm	
Gesamtstärke (ISO 24346)	mittel: 4,5mm + 0,13 / - 0,10 mm	Einzelwerte: 4,5mm ±0,15 mm
Flächengewicht (ISO 23997)	6.950 g/m2 ± 5%	
Maßänderung nach Wärmeeinwirkung (ISO 23999) ≤ 0,25 % Verfahren B - 50°C	≤ 0,15%	
Schüsselung nach Wärmeeinwirkung (ISO 23999) ≤ 2mm Verfahren B - 50°C	≤ 1mm	
Lichtechtheit (EN ISO 105 – B02 / Methode 3)	Wollblauskala: Stufe ≥ 6	

Garantieleistung (laut Parador Garantiebestimmungen)		Hinweise
Privater Bereich	Gewerblicher Bereich	- nur für vollflächige Verklebung geeignet
Lifetime	20 Jahre	- Reinigung und Pflege siehe Anleitung
		- Technische Änderungen vorbehalten

EN 14041:2004/AC:2006

www.blauer-engel.de/uz120

Klassifizierung

Nutzungsklasse 23 = privater Wohnbereich mit intensiver Nutzung	Nutzungsklasse 33 = gewerblicher Bereich mit intensiver Nutzung

Der Designboden erfüllt alle Eigenschaften der ausgewiesenen Nutzungsklasse.

Anforderungen / Eigenschaften		Prüfnorm	Bewertung
Cfl-s1	Brandverhalten	EN 13501-1	C_{fl} s1
	Kritischer Wärmestrahlungsfluss / Critical Radiant Flux (Radiant Panel)	ASTM E648	Klasse I: ≥ 0,45 W/cm² auf mineralfaserverstärktem Zementplattenuntergrund, verklebt mit dem Klebstoff Sika Bond 6000
	Rauchdichte	ASTM E662	≤ 350
DS	Gleitreibung	EN 13893 EN 14041	μ ≥ 0,30 DS
	Fleckenunempfindlichkeit	EN 438-2	Gruppe 1+2: Grad 5, keine sichtbare Veränderung Gruppe 3: Grad 4, leichte Veränderung
	Beanspruchung durch Stuhlrollen	EN ISO 4918	Typ W, keine sichtbaren Veränderungen (25.000 Umdrehungen)
	Wärmedurchlasswiderstand Zur Verlegung auf Fußbodenheizung geeignet.	EN 12667	0,016 m²*K/W
	Verschieben eines Möbelfußes	EN ISO 16581	kein sichtbarer Schaden (Stempel Typ 0)
	Eindruck nach konstanter Belastung	EN ISO 24343-1	≤ 0,05 mm
E1 HCHO	Emission von Formaldehyd (E1 = 0,1 ppm)	ISO 16000	≤ 0,05 ppm
	Beständigkeit gegen Abrieb	ISO 24338, Verfahren B	> 7.000 Umdrehungen
	Beständigkeit gegen Stoßbeanspruchung (große Kugel)	EN 13329 Anhang F	≥ 1.800 mm
	Wasserbeständigkeit	ISO 4760	wasserfest
	Verhalten bei Kratzbeanspruchung	ISO 19322 - Anhang A	≥ 3 N
	Mikrokratzbeständigkeit	EN 16094	Verfahren A MSR-A2 Für matte Oberflächen (Glanz ≤ 7): ≤ 1,5 Einheitenänderung bei 60°
	Rutschhemmung	EN 16165, Anh. B Schiefe Ebene	R10
		EN 16165, Anh. C Pendelprüfung	PTV (trocken (Gleiter 96)) ≥ 36 Low slip potential gem. UK Slip resistance group
	Entsorgung	EAK-Schlüssel (Europäischer Abfallkatalog)	17 02 03

URKUNDE

PARADOR GmbH
48653 Coesfeld, Deutschland

wird aufgrund des Zeichenbenutzungsvertrages Nr. 43625 zur DE-UZ 120
Ausgabe 2025 das Recht verliehen, für das Produkt

PARADOR Eco-Flooring Taterra Dryback / Glue Down – Stärke 2,4 - 4,5 mm, verschiedene Formate und Dekore“

das nachstehend abgebildete Umweltzeichen als Ausweis für die besondere Umweltfreundlichkeit zu führen.

Bonn, den 08. Januar 2026

Geschäftsführer
RAL gGmbH

Bundesministerium
für Umwelt, Klimaschutz, Naturschutz
und nukleare Sicherheit

Umwelt Bundesamt

Jury Umweltzeichen

RAL gGmbH