SENTINEL HOLDING
INSTITUT

# SHI PRODUCT PASSPORT

**Find products. Certify buildings.**

SHI Product Passport No.:

**15070-10-1005**

# Home Selection Klickvinyl

Product group: Floor coverings / Wall coverings - Vinyl - Design floors

Rubik GmbH
Vertrieb von Messe- Design & Objektbelägen

Rubik GmbH
Otto-Lilienthal-Str. 1
74626 Bretzfeld-Schwabbach

## 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

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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

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$^3$<br>Formaldehyd ≤ 10 µg/m$^3$ | Indoor Air Quality Certified |
| **Valid untill: 24 May 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:** EPH Test Certificate vom 06.06.2023 (Nr. CT-23-06-06-01) / 24.05.2023 (Nr. CT-23-05-24-01, Nr. CT-23-05-24-04, Nr. CT-23-05-24-07). Materielle Übereinstimmung mit geprüftem Produkt bestätigt durch Konformitätserklärung vom 19.05.2025. Herstellererklärung vom 19.05.2025. | | | |

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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 3 |
| **Verification:** EPH Test Certificate vom 06.06.2023 (Nr. CT-23-06-06-01) / 24.05.2023 (Nr. CT-23-05-24-01, Nr. CT-23-05-24-04, Nr. CT-23-05-24-07). Materielle Übereinstimmung mit geprüftem Produkt bestätigt durch Konformitätserklärung vom 19.05.2025. Herstellererklärung vom 19.05.2025. | | | |

| 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) | 7 Floor coverings for indoor use (elastic floor coverings) | VVOCs, VOC, SVOC emissions and content of hazardous substances | Quality level 3 |
| **Verification:** EPH Test Certificate vom 06.06.2023 (Nr. CT-23-06-06-01) / 24.05.2023 (Nr. CT-23-05-24-01, Nr. CT-23-05-24-04, Nr. CT-23-05-24-07). Materielle Übereinstimmung mit geprüftem Produkt bestätigt durch Konformitätserklärung vom 19.05.2025. Herstellererklärung vom 19.05.2025. | | | |

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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:** EPH Test Certificate vom 06.06.2023 (Nr. CT-23-06-06-01) / 24.05.2023 (Nr. CT-23-05-24-01, Nr. CT-23-05-24-04, Nr. CT-23-05-24-07). Materielle Übereinstimmung mit geprüftem Produkt bestätigt durch Konformitätserklärung vom 19.05.2025. Herstellererklärung vom 19.05.2025.

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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 3 |
| **Verification:** EPH Test Certificate vom 06.06.2023 (Nr. CT-23-06-06-01) / 24.05.2023 (Nr. CT-23-05-24-01, Nr. CT-23-05-24-04, Nr. CT-23-05-24-07). Materielle Übereinstimmung mit geprüftem Produkt bestätigt durch Konformitätserklärung vom 19.05.2025. Herstellererklärung vom 19.05.2025. | | | |

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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:** EPH Test Certificate vom 06.06.2023 (Nr. CT-23-06-06-01) / 24.05.2023 (Nr. CT-23-05-24-01, Nr. CT-23-05-24-04, Nr. CT-23-05-24-07). Materielle Übereinstimmung mit geprüftem Produkt bestätigt durch Konformitätserklärung vom 19.05.2025. Herstellererklärung vom 19.05.2025. | | | |

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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:** EPH Test Certificate vom 06.06.2023 (Nr. CT-23-06-06-01) / 24.05.2023 (Nr. CT-23-05-24-01, Nr. CT-23-05-24-04, Nr. CT-23-05-24-07). Materielle Übereinstimmung mit geprüftem Produkt bestätigt durch Konformitätserklärung vom 19.05.2025. Herstellererklärung vom 19.05.2025.

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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:** EPH Test Certificate vom 06.06.2023 (Nr. CT-23-06-06-01) / 24.05.2023 (Nr. CT-23-05-24-01, Nr. CT-23-05-24-04, Nr. CT-23-05-24-07). Materielle Übereinstimmung mit geprüftem Produkt bestätigt durch Konformitätserklärung vom 19.05.2025. Herstellererklärung vom 19.05.2025. | | | |

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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.

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.

Eurofins Indoor Air Comfort® confirms compliance with requirements for low VOC emissions. The standard level covers all mandatory VOC regulations in the EU, while the Gold level additionally takes into account emission criteria from voluntary ecolabels and building certifications.

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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


## 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

Rubik GmbH
Vertrieb von Messe- Design & Objektbelägen

TECHNISCHES DATENBLATT

# Produktname „Home-SELECTION 2025 Klick“

## PRODUKTDATEN

| | | |
|---|---|---|
| Europäische Klassifizierung | EN ISO 10874 | Klasse 23 - 33 |
| Gesamtdicke | EN 17539:2021-8 | 5 mm (4+1 mm Unterlage) |
| Flächengewicht | EN ISO 23997 | 6,558 kg / m² |
| Format: Planken / Fliesen | EN 17539:2021-08 | 18,9 x 125,1 cm<br>30,3 x 61,0 cm |
| Nutzschicht | EN ISO 24340 | 0,40 mm |
| Rutschklasse Planke / Fliesen | EN 16165 | R10<br>R9 |
| Inhalt pro Box Planken / Fliesen | | 2,13 m² / 9 St.<br>1,85 m² / 10 St. |
| Box Palette: Planken / Fliesen | | 93,72 m² / 44 Boxen<br>88,80 m² / 48 Boxen |

## TECHNISCHE DATEN

| | | |
|---|---|---|
| Brandverhalten | EN 13501-1 | Bfl-S1 |
| Resteindruckverhalten | EN ISO 24343-1 | ≤ 0,2 mm |
| Trittschallverbesserungsmaß | EN ISO 717-2 | 19 dB |
| Stuhlrolleneignung | EN 4918 | keine Beschädigung der Nutzschicht<br>keine Druckstellen |
| Schlagfestigkeit | EN 13329 | ≤ 1600 mm |
| Möbelfußverschiebung | EN ISO 16581:20219-06 | keine sichtbaren Schäden<br>Fuß 0,12 mm /32 kg |
| Maßstabilität: Planken / Fliesen | EN ISO 23999:2021-11 | ≤ 0,15 % |
| Lichtechtheit | EN ISO 105-B02 | ≤ 6 |
| Wärmedurchlasswiderstand R | EN ISO 12664 | 0,033 m² K/W |
| Formaldehyd Klassifizierung | EN 717-1 | E1 |
| Haushaltschemikalienbeständigkeit | EN 438-2 | sehr gut |
| Fußbodenheizung | EN 12524 | geeignet max. 27°C |
| Feuchtraumeignung | | geeignet |

## GARANTIE 20 JAHRE (Wohnbereich)

Die Gewährleistung gewährleistet Fabrikationsfehler und frühzeitiges Abnutzen bei normalem Gebrauch.

Rubik GmbH
Otto-Lilientahl-Str.1
74626 Bretzfeld-Schwabbach
Tel. 07946-94 88 710
Fax. 07946-94 88 711
www.rubik-gmbh.de
mail@rubik-gmbh.de

[redacted]

SENTINEL HOLDING INSTITUT

[redacted]

**Rubik GmbH**

14.05.2025

Details zu den Bewertungskriterie https://www.sentinel-haus.de/de/Themenwelten/Pr%C3%BCfkriterien%20f%C3%BCr%20Produkte

| Produktname | Bewertungssystem | Kategorie/ Pos. / Zeile | Nachzuweisende Qualität | Mögliches Nachweisdokument |
|---|---|---|---|---|
| Alle | Übergeordnete Anforderung | | Bestätigung, dass SVHC < 0,1%<br>*alternativ:*<br>Deklaration enthaltener SVHC > 0,1% | Herstellererklärung |
| [redacted] Home Selection Klebevinyl<br>[redacted] Home Selection Klickvinyl | BNB | 2a | **QN 3**: Einhaltung AgBB-Schema<br>und<br>reproduktionstoxische Phthalate < 0,1 %<br>und<br>keine Cadmium- und Bleistabilisatoren | Konformitätserklärung<br>Herstellererklärung |
| | BREEAM | Bodenbeläge | Emissionsanforderung VOC/Aldehyde | Konformitätserklärung |
| | DGNB | 7 | **QN 3:** Einhaltung AgBB-Schema und<br>Chlorparaffine (SCCPs + MCCPs + LCCPs) < 0,1 %<br>und SVHC ≤ 0,1 % | Konformitätserklärung<br>Herstellererklärung |
| | EU-Taxonomie | Bodenbeläge | SVHC und CMR-Stoffe der Kategorie 1A & 1B < 0,1%<br>Emissionsanforderung VOC/Aldehyde | Konformitätserklärung<br>Herstellererklärung |
| | QNG | 2.3 | Einhaltung AgBB-Schema<br>und<br>reproduktionstoxische Phthalate < 0,1 %<br>und<br>keine Zinn- Cadmium- und Bleistabilisatoren | Konformitätserklärung<br>Herstellererklärung |
| | SHI | Bodenbeläge | Grundanforderungen an Inhaltsstoffe | |
| | | | Emissionsanforderung VOC/Aldehyde | Konformitätserklärung |

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Otto-Lilienthal-Str. 1
74626 Bretzfeld-Schwabbach
Tel. 07946-94 88 710
Fax 07946-94 88 711
www.rubik-gmbh.de

13.05.2025