SENTINEL HOLDING
INSTITUT

SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

14326-10-1028

Rocko (ohne Trittschall)

Product group: Floor coverings / Wall coverings - Design floors

Krono Original High Quality
Made by Kronospan

Kronoflooring GmbH
Mühlbacher Straße 1
01561 Lampertswalde

Product qualities:

SHI Product Assessment 2024 ✓

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, 07 April 2026

SENTINEL HOLDING
INSTITUT

Product:
Rocko (ohne Trittschall)

SHI Product Passport no.:
14326-10-1028

Contents

SHI Product Assessment 2024	1
BREEAM DE Neubau 2018	2
LEED v4.1	3
Product labels	4
Legal notices	5
Technical data sheet/attachments	6

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:
Rocko (ohne Trittschall)

SHI Product Passport no.:
14326-10-1028

Krono Original High Quality Made by Kronospan

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: 29 November 2027			

SENTINEL HOLDING
INSTITUT

Product:
Rocko (ohne Trittschall)

SHI Product Passport no.:
14326-10-1028

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: TÜV PROFiCERT-product Interior PREMIUM vom 27.11.2024

SENTINEL HOLDING
INSTITUT

Product:
Rocko (ohne Trittschall)

SHI Product Passport no.:
14326-10-1028

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	Bodenbeläge	compliant
Verification: TÜV PROFiCERT-product Interior PREMIUM vom 27.11.2024		

SENTINEL HOLDING
INSTITUT

Product:
Rocko (ohne Trittschall)

SHI Product Passport no.:
14326-10-1028

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.

"TÜV PROFiCERT-product Interior" is a certification procedure developed for interior products. The certification is carried out according to strict TÜV health and quality criteria. The PREMIUM variant requires particularly low emission levels.

Product:
Rocko (ohne Trittschall)

SHI Product Passport no.:
14326-10-1028

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

Instytut Techniki Budowlanej
00-611 Warsaw, Filtrowa 1

Thermal Physics, Acoustics and Environment Department
02-656 Warsaw, Ksawerów 21

CERTIFICATE № 445/2023
of TYPE III ENVIRONMENTAL DECLARATION

Products:

MMF Floor covering

Manufacturer:

Kronoflooring Sp. z o.o.

ul. Wojska Polskiego 3, 39-300 Mielec, Poland

confirms the correctness of the data included in the development of
Type III Environmental Declaration and accordance with the requirements of the standard

EN 15804+A2

Sustainability of construction works.
Environmental product declarations.
Core rules for the product category of construction products.

This certificate, issued on 7th April 2023 is valid for 5 years
or until amendment of mentioned Environmental Declaration

Head of the Thermal Physic, Acoustics
and Environment Department
Agnieszka Winkler-Skalna, PhD

INSTYTUT TECHNIKI BUDOWLANEJ

Deputy Director
for Research and Innovation
Krzysztof Kuczyński, PhD

Warsaw, April 2023

ROCKO
Flooring by Kronospan

Technisches Datenblatt
ROCKO - 6 mm (5+1 mm)

Bodenbelag für die schwimmende Verlegung, Nutzungsklasse nach EN 16511: Klasse 34



Wohnbereich mit intensiver Nutzung



Für intensiv genutzte Bodenbeläge in Geschäftsräumen







DIMENSIONEN				
Format	Dicke	5,0 mm		
	Integrierte Unterlage	1,0 mm		
	Länge	1210 mm		
	Breite	192 mm		
Profil	längs	1clic 2go pure	quer	1clic 2go pure
Fuge	längs		quer	

TOLERANZEN			
Rechtwinkligkeit		EN 16511	≤ 0,20 mm
Kantengeradheit		EN 16511	≤ 0,30 mm / m
Querwölbung		EN 16511	konkav: ≤ 0,15% · konvex: ≤ 0,20%
Längswölbung		EN 16511	konkav: ≤ 0,50% · konvex: ≤ 1,00%
Fugenöffnung		EN 16511	Mittelwert: ≤ 0,15 mm · Maximum: ≤ 0,20 mm
Höhenversatz		EN 16511	Mittelwert: ≤ 0,10 mm · Maximum: ≤ 0,15 mm
TEST			
Abriebbeanspruchung Methode B		EN 16511	≥ 7000 Zyklen
Stoßbeanspruchung		EN 16511	≥ 1800 mm
Mikrokratzfestigkeit		EN 16511	≤ MSR-A2
Fleckunempfindlichkeit	Gruppe 1 & 2	EN 16511	Grad 5
	Gruppe 3		Grad 5
Stuhlrollenversuch		EN 16511	keine sichtbaren Veränderungen oder Schäden nach 25.000 Zyklen
Auswirkung eines Möbelfußes		EN 16511	keine sichtbare Schäden
Dickenquellung		EN 16511	keine Quellung
Resteindruck		EN 16511	≤ 0,15mm
Lichtechtheit		EN 20105-B02	Graumaßstabsstufe ≥ 4 bei Typverfärbung 6 des Blaumaßstabes
		EN 20105-A02	
Verbindungsfestigkeit		EN 16511	längs ≥ 2,0 kN/m
			quer ≥ 3,5 kN/m
Formstabilität		EN 16511	≤ 0,25 %
UMWELTEIGENSCHAFTEN			
Formaldehydemission		EN 717-1	Klasse E1, Formaldehydfrei, keine Emissionen
PHYSIKALISCHE EIGENSCHAFTEN			
Brandverhalten		EN 13501-1	Bfl-s1
Gleitwiderstand		EN 13893	Technische Klasse DS
Wärmedurchlasswiderstand		EN 12667	0,025 (m2K)/W
Wärmeleitfähigkeit		EN 12667	0,23 W/(m*K)
Gehschallreduzierung		IHD-W-431	38%
Trittschallminderung		EN ISO 10140-3	16 dB

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 01/2023

kronospan
Kronoflooring Sp. z o.o.,
38-200 Jasło, ul. Przemysłowa 10, Poland

CERTIFICATE

for

TÜV PROFiCERT-product Interior PREMIUM

The following product/product group particularly fulfills the criteria V2.0 of the TÜV PROFi-CERT-product Interior certification. This certificate does not acquit the producer of his responsibility to comply with all legal requirements and product properties.

Kronoflooring Sp. z o.o.
ul. Przemysłowa 10
38-200 Jasło
Poland

MMF Floor covering and Wall covering

Result of quality testing: Classification requirements according to EN 16511:2023-05 for the classes 21-23 and 31-34 are fulfilled. Classification requirements according to PAH, Phthalate and Heavy metals of the EN 14041 are fulfilled.

Result of the emission testing: TÜV PROFiCERT-product Interior PREMIUM fulfilled

√	AgBB 2024	√	BREEAM Exemplary Level	√	CAM Italy construction products
√	A+	√	The Austrian Ecolabel UZ 42 For „MMF Floor covering"	√	Finnish M1 classification (without odour / ammonia)
√	Belgian VOC regulation	√	MVVTB Annex 8 / ABG	√	QNG
√	LEED v4 (outside North America)	√	DE - UZ 120 (Blue Angel) For „MMF Floor covering"		

Certificate registration No. **70 720 6180-1** Certificate valid from 2024-11-30 to **2027-11-29**

Audit report No. 2118065/2024/1 First certification 2018-11-30

QUALITY TESTED
tested for: emissions harmful substances EPH
PREMIUM

Darmstadt, 2024-11-27
Certification body of TÜV Hessen
– Head of Certification body –

This certification was conducted in accordance with the TÜV PROFiCERT-plus auditing and certification procedures and is subject to regular surveillance audits. Verifiable under www.proficert.com. Original certificates contain a glued on hologram.
TÜV Technische Überwachung Hessen GmbH, Robert-Bosch-Straße 16, D-64293 Darmstadt, Tel. +49 6151/600331 Rev-GB-2001