SENTINEL HOLDING
INSTITUT

SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

15064-10-1008

Wavin Green Connect 2000

Product group: Drainage / Pipes - Pipe systems / Fittings

Wavin GmbH
Industriestraße 20
49767 Twist

Product qualities:

- 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, 26 August 2026

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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			QNG ready - Not relevant for assessment

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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)			Not relevant for assessment

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, 29.05.2025 (4th edition)	not applicable		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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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			Not relevant for assessment

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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	Sonstige	Stoffe nach Anlage C	compliant
Verification: Herstellererklärung vom 17.11.2025			

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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			Not relevant for assessment

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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			Not relevant for assessment

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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.

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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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Datum:
17.11.2025

Herstellererklärung Wavin EU Taxonomie

Sehr geehrte Damen und Herren,

gerne bestätigen wir Ihnen, dass die Produkte aus unserem Haus
- Wavin Tigris Mehrschichtverbundrohr mit Fittings K1/M1, MX und K5/M5
- Wavin SiTech+, Wavin AS+ Hausabflussrohrsystem bestehend aus Rohren, Formteilen, Systembefestigungen und Brandschutzlösungen
- Wavin , Aqua Cell NG, Acaro PP und Wavin Green Connect 2000 sowie PVC und KG im Bereich Tiefbau

folgende Eigenschaften besitzen und die Anforderungen der EU Taxonomie erfüllen.

Die oben genannten System-Gruppen aus Rohr und Fittings enthalten keine:
Inhaltsstoffe gemäß der SVHC-Liste
CMR Stoffe der Kategorie 1A/1B
halogenierte oder teilhalogenierte Treibmittel
Lösemittel und Weichmacher
SCCPs, MCCPs, LCCPs Chlorparaffine[1]
Polybromierte Biphenyle (PBB)
Polybromierte Diphenylether (PBDE)
HBCD-Anteile
Tris(2-carboxyethyl)phosphin (TCEP)

[1]Dämmung vorgedämmte Tigris Rohre enthält LCCPs

Mit freundlichen Grüßen

i. A. Volker Grau	i. A. Julian Rehnen	i.A. Fabian Brandt
Produktmanager H&C	Produktmanager S&W	Produktmanager Tiefbau

Produktdatenblatt

An Orbia business.

Wavin Green Connect 2000

Produktbeschreibung

Wavin Green Connect 2000 ist ein Vollwandrohrsystem mit einer Ringsteifigkeit von SN 10 / SN 16 in der Farbe Grün. Das Rohrsystem erfüllt alle Anforderungen an ein modernes Abwasserrohrsystem für die private und kommunale Entwässerung und ist Teil des ganzheitlichen Wavin Green Connect Systems.



Green Connect
Für die sichere Grundstücksentwässerung

Technische Informationen

Allgemein	Nennweiten		DN/OD 110 – DN/OD 500
	Material		PP-MD
	Gemessene Ringsteifigkeit (nach DIN EN ISO 9969)		≥ 10 kN/m² / ≥ 16 kN/m²
	Farbe		Maigrün (RAL 6017)
Konstruktion / Dichtung	Ausführung		glattes Vollwandrohr
		Innen/Außen	glatt
	Verbindung		Steckverbindung
	Dichtungen	Standard	SBR/EPDM 3-Fach-Lippendichtring
		Auf Anfrage	NBR 3-Fach-Lippendichtring
	Dichtsicherheit		bis 2,5 bar
Statik	Min. Überdeckung		0,50 m
	Max. Überdeckung		6,00 m
	Max. Einbautiefe in Grundwasser		5,00 m
	Verkehrslasten		LM 1 nach DIN EN 1991-2/NA, vorher: SLW 60 nach DIN 1072
Zulassungen und Normen	Relevante Produktnormen		DIN EN 14758
	Anwendungsnormen		DIN EN 476
	Dichtungen		DIN EN 681
	Verlegung		DIN EN 1610
	Richtlinien		ATV-DVWK-A 142, ATV-DWK-A 127, DWA-A 118, DWA-A 139, ZTV A-StB 97

