



SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

14886-10-1001

Phoenix 76

Product group: Plastic windows

TH.ZINK

www.zink-fenster.de

TH. ZINK GmbH
Hagener Straße 15
29303 Bergen



Product qualities:



Köttner

Helmut Köttner
Scientific Director

Freiburg, 02 February 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	11.1 Plastics (PVC) for interior surface coverings and plastic components	Heavy metals (lead, cadmium, tin) / emissions / SVHC: phthalates	QNG ready
Verification: Herstellererklärung vom 18.12.2023			



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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)	44 Products made of plastics (PVC)	SVHC	Quality level 3
Verification: Herstellererklärung vom 18.12.2023			

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 29.05.2025 (4th edition)	44 Products made of plastics (PVC)	SVHC	Quality level 3
Verification: Herstellererklärung vom 18.12.2023			



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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	44 Products made of Plastics (Factory)	SVHC	Quality level 3
Verification: Herstellererklärung vom 18.12.2023			



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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%BCfverfahren/C3%BCr%20Produkte>

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Antworten auf Fragen zum Thema QNG und DGNB

Weiterhin benötige ich für die QNG Prüfung (Version 1.3;11.1) folgende Bestätigung/Deklaration in Form einer Herstellererklärung:

- keine Zinn-, Cadmium- und Bleistabilisatoren
- reproduktionstoxische Phthalat-Weichmacher $\leq 0,10 \%$

Antwort:

Im Sinne der aktuellen Liste „besonders besorgniserregende Stoffe(SVHC)“ und der Richtlinie 2011 / 65 / EU (RoHS) werden keine dieser genannten Stoffe in unseren PVC-Rezepturen eingesetzt. Diese sind seit 2008 ausschließlich Kalzium-Zink stabilisiert.

Weiterhin benötige ich für die DGNB Prüfung (Version 2018;44) folgende Bestätigung/Deklaration in Form einer Herstellererklärung:

- SVHC $\leq 0,1 \%$

Antwort:

Gemäß Umwelt Produktdeklaration QKE e.V. / EPPA kann bei der PVC-Profil Herstellung ezykliertes Alt-

fenstermaterial eingesetzt werden. In diesen Profilen können mehr als 0,1 % Bleiverbindungen enthalten sein.

Diese werden gemäß /REACH/ als SVHC-Stoffe (Substances of Very High Concern) behandelt und dürfen mit Rezyklat-Kern gemäß der EU Verordnung 2023 / 923 bis zu $\leq 1,5 \%$ Blei enthalten.


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