



SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

15411-10-1006

Growe / Roltex Vorbauelemente

Product group: Window accessories - Roller shutter Systems / External blinds



Growe, Rolladen und Bauelemente GmbH
III. Hüllenweg 36
26676 Barßel



Product qualities:



Köttner

Helmut Köttner
Scientific Director

Freiburg, 02 February 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





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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	Assessment
SHI Product Assessment	Outdoor product	Not relevant for assessment



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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	not applicable	not applicable	QNG ready - 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	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	27 Anodized aluminum and passivated stainless steel surfaces	Heavy metals (chromium VI)	Quality level 5
Verification: Herstellererklärung vom 18.07.2025			



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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		Substances according to Annex C	EU taxonomy compliant

Verification: Herstellererklärung vom 18.07.2025



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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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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.



The IBU ("Institut Bauen und Umwelt e.V.") is an initiative of building product manufacturers committed to sustainability in construction. It serves as the programme operator for Environmental Product Declarations (EPDs) in accordance with the EN 15804 standard. The IBU EPD programme provides comprehensive life cycle assessments and environmental impact data for construction products, supported by independent third-party verification.



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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%20f%C3%BCr%20Produkte>

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Herstellereklärung – Vorbauelemente

Produkthersteller: **Growe Rolladen- u. Bauelemente GmbH**

III Hüllenweg 36

26676 Barßel

B.Growe GmbH

Prignitzer Straße 18

16909 Wittstock

Growe Rollladenbau GmbH

Am alten Wasserwerk 2

06429 Nienburg (Saale)

Roltex Rolladenfabrikation GmbH

Zum Gewerbegebiet 4

04769 Mügeln

Datum: 18.07.2025

Hiermit bestätigen wir als Hersteller der **Vorbauelemente**, dass bei der Konstruktion und Produktion des Gesamtypensystems die Vorgaben der EU-Chemikalienverordnung REACH (EG Nr. 1907/2006) sowie die Anforderungen der EU-Taxonomie bezüglich möglicher Schadstoffbelastungen eingehalten werden.

Bestätigung zu SVHC-Stoffen:

Die Vorbauelemente enthalten gemäß der aktuellen Kandidatenliste der Europäischen Chemikalienagentur (ECHA; Stand 21.01.2025) keine besonders besorgniserregenden Stoffe (SVHC, Substances of Very High Concern) in einer Konzentration von $\geq 0,1$ Gewichtsprozent (w/w).

Bestätigung zu CMR-Stoffen 1A/1B:

Weiterhin bestätigen wir, dass im Gesamtypensystem der Vorbauelemente keine Stoffe, die als CMR (krebserzeugend, mutagen oder reproduktionstoxisch) der Kategorien 1A oder 1B eingestuft sind, in Konzentrationen $\geq 0,1$ Gewichtsprozent (w/w) eingesetzt oder enthalten sind.

Komponenten: **DGNB relevante Eigenschaften, QNG- BEB Anforderung**

Aluminium- Druckgussystemteile:	Cadmium, Chrom VI oder deren Verbindungen.
Aluminium-Rollladenprofile:	Der Blei- und Zinngehalt des Produktes ist <0,1%
PVC-Rollladenprofile:	sind frei von Blei-, Cadmium oder Zinnstabilisatoren.
Vorbausystemteile, Zubehör:	SVHC gemäß REACH ist <0,1%
Aluminium/Pulverbeschichtung:	Die Oberflächenveredelung erfolgt chromoxid-frei.
Abschluss- Konstruktionsprofile:	Pigmente und Sikkative im Produkt sind frei von Blei,
EPS/Dämmung:	Deklarationsnummer: EPD-IVH-20140137-IBB2-DE
Stahlwellen, -zubehör	Die Oberflächenveredelung erfolgt chromoxid-frei

Konkrete Umsetzung:

- Zur Herstellung der Vorbauelemente werden vornehmlich **Aluminium-Druckgussystemteile** verwendet. In den zugekauften und eingesetzten Komponenten liegt keine Überschreitung der genannten Grenzwerte für SVHC- und CMR-Stoffe der Kategorie 1A/1B vor.
- Die gesamte Entwicklungs- und Produktionskette wird regelmäßig hinsichtlich gesetzlicher Änderungen und neuer Einträge in die SVHC- und CMR-Listen überwacht, aktuelle Informationen unserer Zulieferer werden dokumentiert und in die Bewertung einbezogen
- Damit ist die Konformität der Vorbauelemente des Gesamttypsensystems nach dem Stand der Technik und Gesetzgebung sichergestellt.

Gültigkeit: Diese Erklärung gilt für das Gesamtypensystem der **Vorbauelemente** und ist analog zu den Anforderungen der EU-Taxonomie für nachhaltiges Bauen zu verstehen.

Rechtsverbindliche, unterschriebene Originale der Herstellererklärung können nach individueller Anforderung zur Verfügung gestellt werden.

Diese Erklärung basiert auf den aktuellen Herstellerangaben, technischen Produktinformationen und relevanten rechtlichen Vorgaben entsprechend der laufenden REACH- und CLP-Regulierung

Olaf Krause
Technische Leitung
Grove / Roltex