



SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

15409-10-1011

Groke GT 180 NE Lite

Product group: Interior construction - Doors & Gates - Front doors



Groke Türen GmbH
Faureciastraße 3-5
76767 Hagenbach



Product qualities:



Köttner

Helmut Köttner
Scientific Director

Freiburg, 02 February 2026



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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 products	TVOC $\leq 300 \mu\text{g}/\text{m}^3$ Formaldehyd $\leq 24 \mu\text{g}/\text{m}^3$	Indoor Air Quality Certified
Valid untill: 12 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	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	Assessment
ECO1.1 Life cycle cost (*)	May positively contribute to the overall building score

Criteria	Assessment
ECO2.6 Climate resilience (*)	May positively contribute to the overall building score

Criteria	Assessment
ENV1.1 Climate action and energy (*)	May positively contribute to the overall building score

Criteria	Assessment
SOC1.1 Thermal comfort (*)	May positively contribute to the overall building score

Criteria	Assessment
SOC1.3 Sound insulation and acoustic comfort (*)	May positively contribute to the overall building score

Verification: Schallprüfung Prüfberichte "Sonstiges"



Criteria	Assessment
SOC2.1 Barrier-free design (*)	May positively contribute to the overall building score

Criteria	Assessment
TEC1.3 Quality of the building envelope (*)	May positively contribute to the overall building score

Criteria	Assessment
TEC1.4 Use and integration of building technology (*)	May positively contribute to the overall building score
Verification: Wärmedurchgangskoeffizient Prüfung beim EPH Dresden "Sonstiges"	

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 03.05.2024 (3rd edition)	33 Coated metal components	Chromium VI	Quality level 4
Verification: Herstellererklärung vom 03.04.2025			

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 29.05.2025 (4th edition)	33 Coated metal components	Chromium VI	Quality level 4
Verification: Herstellererklärung vom 03.04.2025			



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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	33 Coated metal components: Façade elements	Chromium VI	Quality level 4

Verification: Herstellererklärung vom 03.04.2025



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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	27 Anodized aluminum and passivated stainless steel surfaces	Heavy metals (chromium VI)	Quality level 5
Verification: Herstellererklärung vom 03.04.2025			



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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 03.04.2025			



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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.



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.



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/Pr%C3%BCfkriterien%20f%C3%BCr%20Produkte>

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Abs. Groke Türen GmbH, Faureciastraße 3-5, D-76767 Hagenbach

An unsere Kunden

Karlsruhe, den 03.04.2025

Verwendung von besonders besorgniserregenden Stoffen (SVHC) / Forderung der DGNB

Sehr geehrte Damen und Herren,

hiermit teilen wir Ihnen mit, dass in der Produktion von Haustüren der Fa. Groke Türen und Tore GmbH keine besonders besorgniserregenden Stoffe (SVHC) über den gesetzlich zulässigen Grenzwerten der Kandidatenliste gemäß Art. 33 der REACH-Verordnung (Verordnung (EG) Nr. 1907/2006), enthalten sind. Das schließt Materialien, wie Cadmium, Blei, ChromVI bzw. Verbindungen dieser Stoffe mit ein.

Die Lieferanten von Erzeugnissen, die in unseren Haustüren in relevanter Größenordnung verarbeitet werden, sind verpflichtet, uns unaufgefordert zu informieren, sofern in den von ihnen gelieferten Produkten ein SVHC-Stoff über den gesetzlich zulässigen Grenzwerten enthalten ist. Sofern wir eine diesbezügliche Information von unseren Lieferanten erhalten und dadurch Kenntnis erlangen, werden wir Sie ebenfalls darüber informieren.

Mit freundlichen Grüßen

i.A. Peter Pinkau

Qualitätsmanagement

An unsere Kunden

Karlsruhe, den 03.04.2025

Erklärung zum Umgang mit CMR-Stoffen in unserem Betrieb

Im Rahmen unserer Verantwortung für den Arbeitsschutz in unserem Industriebetrieb stellen wir sicher, dass keine CMR-Stoffe (Krebserzeugende, erbgutverändernde oder fortpflanzungsgefährdende Stoffe) der Kategorien 1A und 1B verarbeitet werden. Diese Verpflichtung basiert auf den relevanten gesetzlichen Vorgaben und dient dem Schutz der Gesundheit aller Beschäftigten.

Relevante Verordnungen:

1. Verordnung (EG) Nr. 1272/2008 (CLP-Verordnung) zur Einstufung, Kennzeichnung und Verpackung von Stoffen und Gemischen, insbesondere Artikel 36 und 37, die sich mit der Einstufung von CMR-Stoffen befassen.
2. Verordnung (EG) Nr. 1907/2006 (REACH-Verordnung) zur Registrierung, Bewertung, Zulassung und Beschränkung chemischer Stoffe, insbesondere Artikel 57 und Anhang XIV, die Anforderungen an den Umgang mit besonders besorgniserregenden Stoffen (einschließlich CMR-Stoffen) festlegen.
3. Arbeitsschutzgesetz (ArbSchG), das allgemeine Anforderungen an den Schutz von Sicherheit und Gesundheit der Beschäftigten bei der Arbeit stellt.
4. Gefahrstoffverordnung (GefStoffV), die konkrete Regelungen für den Umgang mit Gefahrstoffen, einschließlich CMR-Stoffen, aufstellt.

Berücksichtigung bei der Auswahl von Neuprodukten:

Wir achten bei der Auswahl und Einführung von Neuprodukten darauf, dass diese keine CMR-Stoffe der Kategorien 1A und 1B enthalten. Bei der Beschaffung neuer Materialien und Produkte erfolgt eine gründliche Prüfung der Inhaltsstoffe, um sicherzustellen, dass keine gesundheitsgefährdenden Substanzen verwendet werden, die die Sicherheit unserer Mitarbeiter beeinträchtigen könnten.

Unsere kontinuierliche Überprüfung und die Einhaltung der genannten Verordnungen garantieren, dass wir den höchsten Standard des Arbeitsschutzes wahren und die Gesundheit aller Mitarbeiterinnen und Mitarbeiter jederzeit geschützt bleibt.

Mit freundlichen Grüßen



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Produktmanagement