SENTINEL HOLDING
INSTITUT

SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

14792-10-1016

Gira Flächenschalter / F100

Product group: Electrical installation - Other

GIRA

Gira Giersiepen GmbH & Co. KG
Dahlienstraße 12
42477 Radevormwald

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

Product:
Gira Flächenschalter / F100

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Contents

QNG - Qualitätssiegel Nachhaltiges Gebäude	1
DGNB New Construction 2023.2	2
DGNB New Construction 2023	3
DGNB New Construction 2018	4
BNB-BN Neubau V2015	5
EU taxonomy	6
BREEAM DE Neubau 2018	7
LEED v4.1	8
Product labels	9
Legal notices	10
Technical data sheet/attachments	11

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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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	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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INSTITUT

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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

SENTINEL HOLDING
INSTITUT

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SHI Product Passport no.:
14792-10-1016

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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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INSTITUT

Product:
Gira Flächenschalter / F100

SHI Product Passport no.:
14792-10-1016

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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			Not relevant for assessment

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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:
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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.



The C2C label identifies products whose design concept follows a “cradle-to-cradle” approach based on a closed raw material cycle, rather than merely offering simple recycling or disposal options. At the “Gold” and “Platinum” levels, emission criteria are also taken into account. However, the requirements are less strict than those necessary for the SHI Indoor Air Quality certification.



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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SGS TÜV SAAR

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CERTIFIED

cradle to cradle

BRONZE

GIRA Giersiepen GmbH & Co. KG

has successfully achieved **Cradle to Cradle Certified® Bronze**
for the product(s) under the name:

Standard 55; E2; F100

Please see the List of Certified Products (available on the Cradle to Cradle Certified Product Registry) for all products covered within this certificate.

Certification Number
6966

Standard Version
4.0

Lead Assessment Body
EPEA GmbH - Part of Drees & Sommer

Material Health Assessment Body
EPEA GmbH - Part of Drees & Sommer

Effective Date
13 January 2025

Expiration Date
12 January 2028

Elwyn Grainger-Jones
Executive Director
Cradle to Cradle Products Innovation Institute

See the Cradle to Cradle Certified Product Registry at www.c2ccertified.org for additional details
Use of the certification marks is subject to the terms and conditions of the C2CPII Certification Agreement and Trademark Use Guidelines.
Cradle to Cradle Certified is a registered trademark of the Cradle to Cradle Products Innovation Institute

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List of Certified Products

Cradle to Cradle Certified® Bronze

Standard 55; E2; F100

GIRA Giersiepen GmbH & Co. KG

The following products are covered under this certification number 6966:

Product Name	Model or Part Number	Manufacturing Site
E2 cover frame, pure white matt, 1-gang	021122	Gira, Radevormwald
E2 cover frame, pure white glossy, 1-gang	021129	Gira, Radevormwald
E2 cover frame, pure white matt, 2-gang	021222	Gira, Radevormwald
E2 cover frame, pure white glossy, 2-gang	021229	Gira, Radevormwald
E2 cover frame, pure white matt, 3-gang	021322	Gira, Radevormwald
E2 cover frame, pure white glossy, 3-gang	021329	Gira, Radevormwald
E2 cover frame, pure white matt, 4-gang	021422	Gira, Radevormwald
E2 cover frame, pure white glossy, 4-gang	021429	Gira, Radevormwald
E2 cover frame, pure white matt, 5-gang	021522	Gira, Radevormwald
E2 cover frame, pure white glossy, 5-gang	021529	Gira, Radevormwald
E2 cover frame, pure white matt, 1.5-gang	100122	Gira, Radevormwald
E2 cover frame, pure white glossy, 1.5-gang	100129	Gira, Radevormwald
E2 cover frame, pure white glossy, 2-gang, without crossbar	100229	Gira, Radevormwald

Please see the Cradle to Cradle Certified Products Registry at www.c2ccertified.org for additional details, including the current certification status and list of certified products.
Cradle to Cradle Certified is a registered trademark of the Cradle to Cradle Products Innovation Institute.

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E2 cover frame, pure white matt, 2-gang, without crossbar	100222	Gira, Radevormwald
E2 cover frame for flat installation, pure white matt, 1-gang	0211225	Gira, Radevormwald
E2 cover frame for flat installation, pure white glossy, 1-gang	0211295	Gira, Radevormwald
E2 cover frame for flat installation, pure white matt, 2-gang	0212225	Gira, Radevormwald
E2 cover frame for flat installation, pure white glossy, 2-gang	0212295	Gira, Radevormwald
E2 cover frame for flat installation, pure white matt, 3-gang	0213225	Gira, Radevormwald
E2 cover frame for flat installation, pure white glossy, 3-gang	0213295	Gira, Radevormwald
E2 cover frame for flat installation, pure white matt, 4-gang	0214225	Gira, Radevormwald
E2 cover frame for flat installation, pure white glossy, 4-gang	0214295	Gira, Radevormwald
E2 cover frame for flat installation, pure white matt, 2-gang, without crossbar	1002225	Gira, Radevormwald
E2 cover frame for flat installation, pure white glossy, 2-gang, without crossbar	1002295	Gira, Radevormwald
Standard 55 cover frames, pure white glossy, 1-gang	021103	Gira, Radevormwald

Cradle to Cradle Certified is a registered trademark of the Cradle to Cradle Products Innovation Institute

Standard 55 cover frames, pure white matt, 1-gang	021104	Gira, Radevormwald
Standard 55 cover frames, pure white glossy, 2-gang	021203	Gira, Radevormwald
Standard 55 cover frames, pure white matt, 2-gang	021204	Gira, Radevormwald
Standard 55 cover frames, pure white glossy, 3-gang	021303	Gira, Radevormwald
Standard 55 cover frames, pure white matt, 3-gang	021304	Gira, Radevormwald
Standard 55 cover frames, pure white glossy, 4-gang	021403	Gira, Radevormwald
Standard 55 cover frames, pure white matt, 4-gang	021404	Gira, Radevormwald
Standard 55 cover frames, pure white glossy, 5-gang	021503	Gira, Radevormwald
Standard 55 cover frames, pure white matt, 5-gang	021504	Gira, Radevormwald
Standard 55 cover frames, pure white glossy, 1.5-gang	100103	Gira, Radevormwald
Standard 55 cover frames, pure white matt, 1.5-gang	100104	Gira, Radevormwald
Standard 55 cover frames, pure white glossy, 2-gang, without crossbar	100203	Gira, Radevormwald
Standard 55 cover frames, pure white matt, 2-gang, without crossbar	100204	Gira, Radevormwald
F100 cover frame, pure white glossy, 1-gang	0211112	Gira, Radevormwald
F100 cover frame, pure white glossy, 2-gang	0212112	Gira, Radevormwald
F100 cover frame, pure white glossy, 2-gang, without crossbar	1002112	Gira, Radevormwald

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F100 cover frame, pure white glossy, 3-gang	0213112	Gira, Radevormwald
F100 cover frame, pure white glossy, 4-gang	0214112	Gira, Radevormwald
F100 cover frame, pure white glossy, 5-gang	0215112	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~ Screw terminals, pure white glossy	418003	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~ with shutter, screw terminals, pure white glossy	418303	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~ with shutter, screw terminals, pure white matt	418327	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~, plug terminals, pure white glossy	418803	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~, plug terminals, pure white matt	418827	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~ with shutter, without mounting claws, with screw terminals, pure white glossy	438303	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~ with shutter, without mounting claws, with screw terminals, pure white matt	438327	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~ with insert rotated by 30° and shutter, without mounting claws, pure white glossy	441803	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~ with insert rotated by 30° and shutter, without mounting claws, matt	441827	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~ Screw terminals, pure white matt	418027	Gira, Radevormwald

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SCHUKO socket outlet 16 A 250 V~ with shutter, plug terminals, pure white glossy	445303	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~ with shutter, plug terminals, pure white matt	445327	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~ with imprint “EDV”, pure white glossy	445803	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~ with imprint “EDV”, pure white matt	445827	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~ without mounting claws, pure white glossy	446603	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~ without mounting claws, pure white matt	446627	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~ with shutter, without mounting claw, pure white glossy	475503	Gira, Radevormwald
SCHUKO socket outlet 16 A 250 V~ with shutter, without mounting claw, pure white matt	475527	Gira, Radevormwald

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