SENTINEL HOLDING
INSTITUT

SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

14900-10-1004

EQ POR Klimamodul

Product group: Heating - Surface heating systems

EQtherm GmbH
Am Kohlenweg 6
56307 Dürrholz-Daufenbach

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

SENTINEL HOLDING
INSTITUT

Product:
EQ POR Klimamodul

SHI Product Passport no.:
14900-10-1004

EQtherm® FLÄCHENHEIZUNGEN

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

SGS SGS TÜV SAAR

SENTINEL HOLDING
INSTITUT

Product:
EQ POR Klimamodul

SHI Product Passport no.:
14900-10-1004

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	12.1 Rigid plastic foam insulation boards and spray foams	Halogenated propellants / SVHC: HBCD, TCEP / emissions	QNG ready
Verification: Herstellererklärung vom 02.07.2025			

SENTINEL HOLDING
INSTITUT

Product:
EQ POR Klimamodul

SHI Product Passport no.:
14900-10-1004

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

SENTINEL HOLDING
INSTITUT

Product:
EQ POR Klimamodul

SHI Product Passport no.:
14900-10-1004

EQtherm® FLÄCHENHEIZUNGEN

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

SENTINEL HOLDING
INSTITUT

Product:
EQ POR Klimamodul

SHI Product Passport no.:
14900-10-1004

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

Product:
EQ POR Klimamodul

SHI Product Passport no.:
14900-10-1004

EQtherm® FLÄCHENHEIZUNGEN

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	36b Mineral and non-mineral interior insulations	VOC / biocides / hazardous substances / individual hazardous substances (formaldehyde) / halogenated blowing agents	Quality level 4
Verification: Prüfbericht des Instituts IUL Vorpommern Nr. 24-3538-001 vom 15.10.2024. Herstellererklärung vom 02.07.2025			

SENTINEL HOLDING
INSTITUT

Product:
EQ POR Klimamodul

SHI Product Passport no.:
14900-10-1004

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	Internal insulation	Stoffe nach Anlage C, Formaldehyd, Karzinogene VOC Kategorie 1A/1B	compliant
Verification: Prüfbericht des Instituts IUL Vorpommern Nr. 24-3538-001 vom 15.10.2024. Herstellererklärung vom 02.07.2025			

SENTINEL HOLDING
INSTITUT

Product:
EQ POR Klimamodul

SHI Product Passport no.:
14900-10-1004

EQtherm® FLÄCHENHEIZUNGEN

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	Ceiling, wall, and acoustic and thermal insulation materials	Emissions: Formaldehyde, TVOC, TSVOC, carcinogens	Exemplary quality
Verification: Prüfbericht des Instituts IUL Vorpommern Nr. 24-3538-001 vom 15.10.2024. Herstellererklärung vom 02.07.2025			

SENTINEL HOLDING
INSTITUT

Product:
EQ POR Klimamodul

SHI Product Passport no.:
14900-10-1004

EQtherm® FLÄCHENHEIZUNGEN

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	Wand- und Deckenelemente	Emissionen: Formaldehyd, VOC, Krebserregende Stoffe	compliant
Verification: Prüfbericht des Instituts IUL Vorpommern Nr. 24-3538-001 vom 15.10.2024. Herstellererklärung vom 02.07.2025			

SENTINEL HOLDING
INSTITUT

Product:
EQ POR Klimamodul

SHI Product Passport no.:
14900-10-1004

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.

Product:
EQ POR Klimamodul

SHI Product Passport no.:
14900-10-1004

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

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

Publisher

Sentinel Holding Institut GmbH
Bötzinger Str. 38
79111 Freiburg im Breisgau
Germany
Tel.: +49 761 590 481-70
info@sentinel-holding.eu
www.sentinel-holding.eu

EQ POR Klimamodul 20-16, EPS 032 DEO dh

Art.-Nr.: 203090-93

Formgeschäumtes Trockenbau-Rohrträgerelement als Umlenk- oder Mittelelement aus expandiertem Polystyrol (POR), oberseitig zur optimalen Wärmeverteilung mit fest integrierten Wärmeleitblechen aus Aluminium mit Omega-Nuten und Sicherheitsbördelung, mit definierten Verlegeabständen zur Aufnahme der EQ PROtec 5 HS Rohre Ø 16 mm, zur Verlegung auf tragfähigen, verwindungs- und durchbiegungsfreien, planebenen Untergründen mit erhöhten Anforderungen gem. DIN 18202 Tab 3, Zeile 4, für die Aufnahme von geeigneten Trockenestrichsystemen, dünnschichtigen Vergussmassen gemäß Herstellerangaben und Zement- oder Anhydritestrichen gemäß DIN 18560.

Wärmeleitfähigkeit	λ = 0,032 W / (m · K)
Wärmedurchlasswiderstand	R = 0,625 m² K/W
Druckspannung (DIN EN 826)	≥ 240 kPa
Brandverhalten	Euroklasse E nach DIN EN 13501-1
Max. Nutzlast	gK ≤ 4 kPa*
Max. Punktlast	QK ≤ 3 kPa*
Verlegeabstände	125 oder 250 mm
Rohrdurchmesser	16 mm
Anz. 180° Umlenkungen/Element	125 mm = 8-fach / 250 mm = 4-fach
Abmessung Element (L x B x H)	1000 x 500 x 20 mm
Verpackung	15 St / VE
Gewicht inkl. Rohr und Füllmedium ohne Estrich und Belag	ca. 4 kg/m²

*Angaben der Trockenestrichhersteller beachten



Werte für die Zukunft

EQtherm® GmbH · Am Kohlenweg 6 · D-56307 Dürrholz-Daufenbach

Sentinel Haus Institut GmbH
Frau Natalie Szczyglowski
Bötzingerstraße 38
79111 Freiburg im Breisgau
Deutschland

EQtherm® GmbH
Geschäftsführer Klaus-Jürgen Ehlgen
Am Kohlenweg 6
56307 Dürrholz-Daufenbach
Deutschland/Germany

Tel: 02684/95632-0
Fax: 02684/95632-10
Mail: info@eqtherm.de
Web: www.eqtherm.de

02.07.2025

Herstellererklärung EQ POR Klimamodul

Sehr geehrte Frau Szczyglowski,

hiermit wird bestätigt, dass das System EQ POR Klimamodul keine reproduktionsbiologisch toxischen Borverbindungen bzw. gefährliche Substanzen nach REACh (1907/2006 EU) in letztgültiger Fassung, keine CMR Stoffe und keine chemischen Schutzmittel erhalten.

Mit freundlichen Grüßen

Johannes Dornhof
Technischer Leiter Fußbodenheizung