



# SHI PRODUCT PASS

Find products - Certify buildings

SHI Product Passport No.:

2238-10-1000

## CORNFLOWER BLUE

Product group: Wallpapers - Nonwoven



### Product qualities:



*Köttner*

Helmut Köttner  
Scientific Director  
Freiburg, 31.03.2025



Product:

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We are proud that the SHI database is the first and only database for construction products that has its comprehensive processes and up-to-dateness regularly audited by the independent testing company SGS-TÜV Saar.





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## SHI Product Review 2024

Since 2008, Sentinel Holding Institut GmbH (SHI) has established a unique standard for products tested for harmful substances. Experts conduct independent product tests according to clear and transparent criteria. In addition, the independent testing company SGS regularly reviews the processes and ensures that the information is up-to-date.

criterion	Product category	Pollutant limit value	Evaluation
SHI product review	other products	TVOC $\leq 300 \mu\text{g}/\text{m}^3$ Formaldehyde $\leq 24 \mu\text{g}/\text{m}^3$	Tested for harmful substances



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## Sustainable Building Quality Seal

The Sustainable Building Quality Seal, developed by the Federal Ministry for Housing, Urban Development and Building (BMWSB), establishes requirements for the ecological, sociocultural, and economic quality of buildings. The Sentinel Holding Institute tests building products according to the QNG requirements for certification and awards the QNG-ready seal. Compliance with the QNG standard is a prerequisite for the KfW development loan. The QNG has not currently defined specific requirements for certain product groups. These products are classified as non-relevant for assessment but can be used in QNG projects.

criterion	Item / Construction product group	Substances considered	QNG release
3.1.3 Prevention of pollutants in building materials	not applicable	not applicable	not relevant for evaluation
Valuation date: March 31, 2025			



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## EU taxonomy

The EU taxonomy classifies economic activities and products according to their environmental impacts. At the product level, the EU regulation sets clear requirements regarding formaldehyde and volatile organic compounds (VOCs). Sentinel Holding Institut GmbH labels qualified products that meet this standard.

criterion	Product type	Substances considered	Evaluation
DNSH - Prevention and reduction of pollution		Substances according to Annex C	EU taxonomy compliant
Proof: Manufacturer's declaration dated 25.02.2025			
Valuation date: March 31, 2025			



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## DGNB New Building 2023

The DGNB (German Sustainable Building Council) system assesses the sustainability of various types of buildings. The system is applicable to 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 a building's entire life cycle.

criterion	Evaluation
ENV 1.1 Climate protection and energy	Can positively influence overall rating
Evidence: EPD in preparation	
Date of evaluation: March 26, 2025	

criterion	Pos. / Relevant <small>Components / Construction</small> Materials / Surfaces	Substances considered / Aspects	Quality level
ENV 1.2 Risks to the local environment			not relevant for evaluation
Valuation date: March 31, 2025			



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## DGNB New Building 2018

The DGNB system (German Sustainable Building Council) assesses the sustainability of various types of buildings. The system is applicable to large-scale private and commercial projects as well as smaller residential buildings.

criterion	Pos. / Relevant Components / Construction Materials / Surfaces	Substances considered / Aspects	Quality level
ENV 1.2 Risks to the local environment			not relevant for evaluation
Valuation date: March 31, 2025			



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## BNB-BN new building V2015

The Sustainable Building Assessment System is an instrument for assessing office and administrative buildings, classroom buildings, laboratory buildings, and outdoor facilities in Germany. The BNB was developed by the former Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) and is now administered by the Federal Ministry for Housing, Urban Development and Building.

criterion	Item / Construction product type	Considered Pollutant group	Quality level
1.1.6 Risks to the local environment			not relevant for evaluation
Valuation date: March 31, 2025			





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## BREEAM DE New Building 2018

BREEAM (Building Research Establishment Environmental Assessment Methodology) is a British building rating system that assesses the sustainability of new buildings, renovation projects, and conversions. The rating system was developed by the Building Research Establishment (BRE) and aims to assess and improve the environmental, economic, and social impacts of buildings.

criterion	Product category	Substances considered	Quality level
Hea 02 Indoor air quality	Materials for ceilings, walls, as well as sound and thermal insulation materials	Emissions: Formaldehyde, TVOC, TSVOC, carcinogenic Fabrics	outstanding quality
Evidence: Test report eco-Institute No. 59345-A001-AgBB-L dated 04.09.2024			
Valuation date: March 31, 2025			



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## Product seal

In the construction industry, the selection of high-quality materials plays a key role in ensuring healthy buildings and their sustainability. Product labels and certificates provide guidance to meet these requirements. However, each certificate and label has its own testing criteria, which should be carefully examined to ensure they meet the specific needs of a construction project.



Products with the QNG-ready seal from the Sentinel Holding Institute are suitable for projects aiming for the Sustainable Building (QNG) quality seal. QNG-ready products meet the requirements of QNG appendix 3.1.3 "Avoidance of harmful substances in building materials." The KfW loan program for climate-friendly new construction with QNG can provide higher funding.



This product has been tested for harmful substances and is recommended by the Sentinel Holding Institute. Thanks to the Sentinel Holding concept, healthy construction, modernization, and operation of properties is carried out according to transparent and comprehensible criteria.



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## Legal Notice

(\*) The criteria in this profile refer to the entire building. The assessment is conducted at the building level. With proper planning and professional installation, individual products can make a positive contribution to the overall assessment result. The Sentinel Holding Institute relies solely on the manufacturer's information.

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All criteria can be found at: <https://www.sentinel-holding.eu/de/Themenwelten/Pr%C3%BCfverfahren%20f%C3%BCr%20Produkte>

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### editor

Sentinel Holding Institut GmbH  
Bötzing Str. 38  
79111 Freiburg im Breisgau  
Tel.: +49 761 59048170  
[info@sentinel-holding.eu](mailto:info@sentinel-holding.eu)  
[www.sentinel-holding.eu](http://www.sentinel-holding.eu)



## ***CORNFLOWER BLUE***

***Article No.***

KOBBLU0085FVPRW

A surface reminiscent of a bright blue sky and conveying tranquility

Bright blue cornflower blossoms form this exclusive surface. The texture and color of the petals create a unique structure – designed by nature. For a unique interior design.

- Bright color experience and pure nature - comes without any additional colorants
- the surface conveys a feeling of calm, lightness and harmony
- the unique structure and coloring create a very special effect

Bright blue cornflower blossoms in premium full-surface application thickness on various carrier materials - making every interior application possible.



## Characteristics

**Raw material** Bright blue cornflower blossoms

*fragrance*



**Lightfastness**



**Abrasion resistance**



**Color**



## Technical details

**Carrier material** flax fleece

**format** Roll goods, width: 1,360 mm

**MOQ** 1 m<sup>2</sup> (approx. 0.74 lm)

**Weight** 420 g/m<sup>2</sup>

**Strength** 0.8 mm

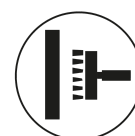
**flexibility** Bending radii up to 0.5 mm

**Translucency** opaque

## Material details

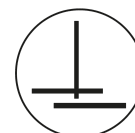
**Wall adhesive technology**

The wallpaper's backing is not the one that is pasted, but the surface itself. Please note our adhesive recommendations.



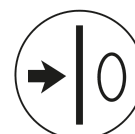
**Overlap and Double seam cut**

Each new strip overlaps the previous one by 2 cm. Edge tolerance must be observed.



**No roots**

Due to the scattered optics, no repeat pattern needs to be observed when gluing.



## ***Breathable***

The natural flax fleece backing is breathable, unbleached, ecological and climate-regulating.



## ***processing***

### ***wallpaper***

Processing instructions for Organoid natural surfaces on flax fleece as wall wallpaper:

- Wall adhesive technology
- Note the Organoid adhesive recommendations Double seam cut
- with 2 cm overlap, edge tolerance 1-2 mm Cut with scissors, cutter
- or plotter
- Preliminary tests recommended
- The effect of the wallpaper must be tested after three rolls have been applied. Claims beyond the replacement of defective goods will not be accepted.

For processing

### ***wood processing***

Processing instructions for Organoid natural surfaces on flax fleece in wood composite:

- Processing with the usual machinery of a carpenter. Cover the
- natural surface with release paper when pressing. Pressing
- temperature max. 60°C.
- Edge tolerance 1-2 mm
- For sensitive applications, use the counter-sheet supplied on request. Cut
- with scissors, cutter or plotter.
- Preliminary tests recommended

For processing

*inspiration*



***Organoid Technologies GmbH***

6500 Fließ

Nettle Garden 422

[www.organoids.com](http://www.organoids.com)

[info@organoids.com](mailto:info@organoids.com)

Phone [+43 5449 200 01](tel:+43544920001)

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