SENTINEL HOLDING
INSTITUT

SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

14605-10-1003

Antares

Product group: Carpet / Tapestry

OSCHWALD
Boden aus Natur

OSCHWALD Boden aus Natur GmbH
Rudolf-Blessing-Str. 7
79183 Waldkirch

Product qualities:

SHI
Product
Assessment
2024

CERTIFIED SUSTAINABLE PRODUCT
SHI PRODUCT PASSPORT
SENTINEL HOLDING INSTITUT
www.sentinel-holding.eu

Köttner

Helmut Köttner
Scientific Director
Freiburg, 27 February 2026

Product:
Antares

SHI Product Passport no.:
14605-10-1003

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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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SENTINEL HOLDING
INSTITUT

Product:
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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	Textile floor coverings	TVOC ≤ 100 µg/m^3 Formaldehyd ≤ 4 µg/m^3	Indoor Air Quality Certified
Valid untill: 16 February 2028			

Product:
Antares

SHI Product Passport no.:
14605-10-1003

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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.

Product:
Antares

SHI Product Passport no.:
14605-10-1003

OSCHWALD
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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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Bentzon Carpets

Adresse: Bentzon Carpets ApS
Fabrikvej, Røjle
DK-5500 Middelfart
Danmark
CVR-nr.: 26 02 46 33
Telefon: +45 64 40 20 00
Telefax: +45 64 40 24 24
e-mail: info@bentzon.dk
www.bentzon.dk

ANTARES

SPECIFICATIONS

Style:	Tufting, 5/32
Fibre:	100% pure new wool
Pile warp & weft:	Jute/Cotton
Width	4 m
Pile weight:	ca. 850 g/m2
Total weight:	ca. 2.150 g/m2
Pile height:	ca. 4.0 mm
Total height:	ca. 7,0 mm
Backing:	Cotton
Flammability:	Cfl-S1
Thermal insulation rating:	0.10 sq.m K/W
Wearing class:	23 – Heavy domestic, light contract
Certificate no:	2531-CPR-CXA10190

Bentzon Carpets

Adresse: Bentzon Carpets ApS
Fabrikvej, Røjle
DK-5500 Middelfart
Danmark
CVR-nr.: 26 02 46 33
Telefon: +45 64 40 20 00
Telefax: +45 64 40 24 24
e-mail: info@bentzon.dk
www.bentzon.dk

Antares: Technische Daten

- **Antistatisch:** ja, da natürliche Rohstoffe
- **Brennverhalten:** (Cft-s1) schwer entflammbar für Objektbereich
- **Gesamtgewicht/m²:** ca. 2.250 g
- **Gesamthöhe:** ca. 7,0 mm
- **Herstellungsverfahren:** Tufting
- **Kett- und Schussfaden:** —
- **Komfortklasse:** LC-2 gut
- **Mottenschutzausrüstung:** nein, bei Bedarf bitte Mittel anfragen
- **Noppenzahl/m² (Faserreihen):** ca. 91.000
- **Nutzschicht:** 100 % unbehandelte Schurwolle
- **Poleinsatzgewicht/m²:** ca. 850 g
- **Polhöhe (Nutzschicht):** ca. 4,0 mm
- **Qualitätseinstufungen:** 22+ / 31
- **Rückengewebe:** Baumwolle
- **Standardbreite in cm** 400
- **Standardrollenlänge:** 25 lfm
- **Teilung:** 5/32 loop
- **Trägergewebe:** Jute/Baumwolle
- **Verklebung:** Naturlatex
- **Verwendete Farben:** lebensmittelechte Säurefarben
- **Wärmedurchlasswiderstand:** 0,120 qm K/W
- **Zusatznutzen:** Fußbodenheizung

DANAK
TEST Reg. No. 12

DBI

Reaction to Fire Classification Report

Antares

Bentzon Carpets ApS
Fabrikvej 15
5500 Middelfart
Denmark

File:	PCA10170
Serial No.:	14829
Ref.:	BP/LIA
Pages:	4
Encl.:	1
Date:	2014-11-12

Danish Institute of Fire and Security Technology

Jernholmen 12, DK-2650 Hvidovre
Phone: +45 36 34 90 00, Fax: +45 36 34 90 01
E-mail: dbi@dbi-net.dk
www.dbi-net.dk

Notified Body with identification number 0845.
The Classification report should only be reproduced in extenso - in extracts only with a written agreement with this institute.

1 SPONSOR

Bentzon Carpets ApS
Fabrikvej 15
5500 Middelfart
Denmark

2 INTRODUCTION

This classification report defines the classification assigned to the product "Antares" in accordance with the procedures given in EN 13501-1:2007+A1:2009.

3 DETAILS OF CLASSIFIED PRODUCT

3.1 NATURE AND END USE APPLICATION

The product "Antares" is defined as a textile floor covering according to EN 14041:2004 and EN14041:2004/AC:2006 Resilient, textile and laminate floor coverings – Essential characteristics. Its classification is valid for the product that in the end use application is glued onto floors and end use substrates of classes A1 and A2-s1,d0, cf. 5.3.

3.2 DESCRIPTION

The product "Antares" is fully described in the report in support of the classification listed in 4.1.

4 REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

4.1 REPORTS

Name of laboratory	Name of sponsor	Report ref. No	Test method Field of application rules	Date of test
DBI	Bentzon Carpets ApS	PFA10638 PFA10638	EN ISO 9239-1 EN ISO 11925-2	2014-10-29 2014-10-30

4.2 TEST RESULTS

Test method and test number	Parameter	Number of tests[a]	Results	
			Continuous parameter mean	Compliance with parameters
EN ISO 9239-1 Critical heat flux	kW/m²	4	8.21	(-)
Smoke generation	% X min. (30 min.)	4	19	(-)
EN ISO 11925-2 Surface flame attack, 15 s exposure	$F_s \leq 150$ mm within 20 s.	6	(-)	Y

(-) not applicable
Y yes
[a] not for extended application

5 CLASSIFICATION AND FIELD OF APPLICATION

5.1 REFERENCE OF CLASSIFICATION

This classification has been carried out in accordance with clause 12.5 and 12.9 of EN 13501-1:2007+A1:2009.

5.2 CLASSIFICATION

The product "Antares" in relation to its reaction to fire behaviour is classified: C_{fl}

The additional classification in relation to smoke production is: s1

The reaction to fire classification for the product is: **C_{fl}-s1.**

5.3 FIELD OF APPLICATION

This classification is valid for the following end use conditions:

- any substrates of classes A1 and A2-s1,d0 at least 6 mm thick and with density equal to or greater than 1200 kg/m³
- with the product glued to the substrate with a polyacrylat-copolymer dispersion adhesive; application rate: 300 - 350 g/m² (wet).

6 LIMITATIONS

This classification document does not represent type approval or certification of the product.

Lina Ivar Andersen
B.Sc.Chem.Eng.Hon.

/

Bjørn Petersen
Laboratory Technician

Bentzon Carpets ApS
Fabrikvej 15
5500 Middelfart
Denmark

Product	Structure	Pile material	Total weight approx. (g/m^2)	Total thickness approx. (mm)	Backing
Antares	Tufted 5/32	100% pure new wool	2150	7.0	Cotton

Certificate No.: 2531-CPR-CXA10190

Issue date: 2018-05-03

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Issued by DBI Certification, notified body No. 2531.

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

Domestic Group 7

Scope: Resilient, textile and laminate floor coverings for interior use

The product fulfils the essential characteristic of **reaction to fire**:

Class C_{fl}-s1.

Intended use: Flooring

Placed on the market under the name or trade mark of:

Bentzon Carpets ApS
Fabrikvej 15
DK-5500 Middelfart
Denmark

and produced in the manufacturing plant:

CXA10190

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

EN 14041:2004
EN 14041:2004/AC:2006 : **Resilient, textile and laminate floor coverings – Essential characteristics**

under system 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to remain constant.

The attached annexes form part of this certificate.

Date of issue: **2018-05-03**.

This certificate will remain valid as long as neither the harmonized standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.

(This certificate supersedes the previous version of this certificate issued 2014-11-20)

This certificate was first issued 2014-11-20.

Per Lyster
Responsible for evaluation

Dan Bluhme
Responsible for certification decision

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DANAK
Prod. Reg. Nr. 7023

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www.dbicertification.dk

Certificate No.: 2531-CPR-CXA10190

Issue date: 2018-05-03

Annex 1

EXTENT

Type	**Description**
Field of application	Carpet tufted 5/32 Pile: 100 % pure new wool, 850 g/m^2 Rear side: 100 % Cotton 135 g/m^2 Total height: 7.0 mm Total weight: 2150 g/m^2 Pile height: 4.0 mm The carpet is to be mounted on a substrate of classes A1 or A2-s1,d0 at least 6 mm thick and with density equal to or greater than 1350 kg/m^3 with a polyacrylat-copolymer dispersion adhesive, application rate: 300-350 g/m2 (wet)

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www.dbicertification.dk

Annex 2

TEST DOCUMENTATION

Accredited Laboratory	Report no.	Date
DBI	PFA10638	2014-11-12
DBI	PCA10489A	2018-04-25

Annex 3

TECHNICAL BASIS

Designation	Identification	Date
Product specification Antares	V07102014	2014-10-07
Product specification Amelie	V13042018.1	2018-04-13
Supplementary information	mail	2014-11-20

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