



# SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

**14605-10-1003**

## Antares

Product group: Carpet / Tapestry



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



### Product qualities:



*Köttner*

**Helmut Köttner**  
Scientific Director

Freiburg, 02 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





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 $\leq 100 \mu\text{g}/\text{m}^3$ Formaldehyd $\leq 4 \mu\text{g}/\text{m}^3$	Indoor Air Quality Certified
Valid untill: 10 May 2026			



Product:

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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.

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Product:

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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.

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Find our criteria here: <https://www.sentinel-holding.eu/de/Themenwelten/Pr%C3%BCfverfahren/kriterien%20f%C3%BCr%20Produkte>

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### Publisher

Sentinel Holding Institut GmbH  
Bötzingen Str. 38  
79111 Freiburg im Breisgau  
Germany  
Tel.: +49 761 590 481-70  
[info@sentinel-holding.eu](mailto:info@sentinel-holding.eu)  
[www.sentinel-holding.eu](http://www.sentinel-holding.eu)

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/m <sup>2</sup>
Total weight:	ca. 2.150 g/m <sup>2</sup>
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

## Antares: Technische Daten

- **Antistatisch:** ja, da natürliche Rohstoffe
- **Brennverhalten:** (Cft-s1) schwer entflammbar für Objektbereich
- **Gesamtgewicht/m<sup>2</sup>:** ca. 2.250 g
- **Gesamthöhe:** ca. 7,0 mm
- **Herstellungsverfahren:** Tufting
- **Kett- und Schussfaden:** —
- **Komfortklasse:** LC-2 gut
- **Mottenschutzrüstung:** nein, bei Bedarf bitte Mittel anfragen
- **Noppenzahl/m<sup>2</sup> (Faserreihen):** ca. 91.000
- **Nutzschicht:** 100 % unbehandelte Schurwolle
- **Poleinsatzgewicht/m<sup>2</sup>:** 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
- **Trärgewebe:** Jute/Baumwolle
- **Verklebung:** Naturlatex
- **Verwendete Farben:** lebensmittelechte Säurefarben
- **Wärmedurchlasswiderstand:** 0,120 qm K/W
- **Zusatznutzen:** Fußbodenheizung

# Reaction to Fire Classification Report

## Antares

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Bentzon Carpets ApS  
Fabrikvej 15  
5500 Middelfart  
Denmark

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



## **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 <sup>a</sup>	Results	
			Continuous parameter mean	Compliance with parameters
EN ISO 9239-1 Critical heat flux	kW/m <sup>2</sup>	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 <sup>a</sup> 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<sub>fl</sub>

The additional classification in relation to smoke production is: s1

The reaction to fire classification for the product is: **C<sub>fl</sub>-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/m<sup>3</sup>
- with the product glued to the substrate with a polyacrylat-copolymer dispersion adhesive; application rate: 300 - 350 g/m<sup>2</sup> (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 <sup>2</sup> )	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<sub>fi</sub>-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** : **Resilient, textile and laminate floor coverings – Essential**  
**EN 14041:2004/AC:2006** **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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### DBI Certification A/S

Jernholmen 12, 2650 Hvidovre  
Tlf.: +45 36 34 90 90

E-mail: [info@dbicertification.dk](mailto:info@dbicertification.dk)  
[www.dbicertification.dk](http://www.dbicertification.dk)

 **DANAK**  
Prod. Reg. Nr. 7023

Version 2015-09-22  
Page **1** of **3**

## Annex 1

**EXTENT**

Type	Description
Field of application	<p>Carpet tufted 5/32</p> <p>Pile: 100 % pure new wool, 850 g/m<sup>2</sup></p> <p>Rear side: 100 % Cotton 135 g/m<sup>2</sup></p> <p>Total height: 7.0 mm</p> <p>Total weight: 2150 g/m<sup>2</sup></p> <p>Pile height: 4.0 mm</p> <p>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<sup>3</sup> with a polyacrylat-copolymer dispersion adhesive, application rate: 300-350 g/m<sup>2</sup> (wet)</p>

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**DBI Certification A/S**

Jernholmen 12, 2650 Hvidovre  
Tlf.: +45 36 34 90 90

E-mail: [info@dbicertification.dk](mailto:info@dbicertification.dk)  
[www.dbicertification.dk](http://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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**DBI Certification A/S**

Jernholmen 12, 2650 Hvidovre  
Tlf.: +45 36 34 90 90

E-mail: [info@dbicertification.dk](mailto:info@dbicertification.dk)  
[www.dbicertification.dk](http://www.dbicertification.dk)