PRODIS-GUT License

to use the label of

Gemeinschaft umweltfreundlicher Teppichboden e.V.

in combination with the label of the related product information system,

GUT-PRODIS-Label

for the article: Spontini AB

of the manufacturer: Balta Industries NV/Division ITC

PRODIS-GUT license number: AABDAB3E

Basic product description:
Type of manufacture: pile carpet acc. EN 1307 - tufted
Type of surface: cut/pile cut pile like - patterned
100% PA6
Type of backing: textile backing - woven - man-made fibres

The above article fulfills the GUT requirements (compliance with thresholds and ban of use regarding VOC emissions, harmful substances and odor) as well as the declared use characteristics in the pictograms. On behalf of "Gemeinschaft umweltfreundlicher Teppichboden e.V." the license is granted.

Information about the current validity of the license as well as information on the GUT criteria, use and additional characteristics, or related Environmental Product Declarations (EPD), can be found on the related product page at www.gut-ev.de or www.pro-dis.info. Please search with the indicated PRODIS-GUT license number or simply scan the QR code, directly linked with the appropriate product page.
**GUT Product Test Criteria and limit values**

The GUT Signet can be granted only to members of Gemeinschaft umweltfreundlicher Teppichboden e.V.
(Only manufacturers of textile floorcoverings can become members)

The use of the substances listed below is either forbidden or GUT has specified limit values for the substances that must not be exceeded.

**ORGANIC CARRIERS (DYEING ACCELERANTS)**

There is a ban on the use of the carriers listed.
Di-, tri-, tetra- and hexachlorobenzenes; di-, tri-, tetra- and pentachlorotoluenes

**AZODYES**

There is a ban on the use of dyes and pigments which, under reductive conditions, release carcinogenic amines.

4-aminodiphenyl, benzidine, 4-chloro-o-toluidine, 2-naphthylamine, o-amino-azotoluene, 2-amino-4-nitrotoluene, p-chloroaniline, 2,4-diaminoanisol, 4,4’-diaminodiphenylmethane, 3,3’-dichlorobenzidine, 3,3’-dimethoxybenzidine, 3,3’-dimethylbenzidine, 3,3’-dimethyl-4,4’-diaminodiphenylmethane, p-cresidine, 4,4’-methylenebis-(2-chloroaniline), 4,4’-oxydianiline, 4,4’-thiodianiline, o-toluidine, 2,4-diaminotoluene, 2,4,5-trimethylaniline, o-anisidine, p-amino-azobenzene*, 2,4-xylidine, 2,6-xylidine, 6-amino-2-ethoxynaphthaline**, 4-amino-3-fluorophenol**

(*not identifiable, **special procedure required)

**DISPERSE DYES**

There is a ban on the use of the dyes listed, which are classified as “allergising”.

C.I. Disperse Blue 1, -3, -7, -26, -35, -102, -106 and -124, C.I. Disperse Orange 1, -3, -37/76, C.I. Disperse Red 1, -11 and -17, C.I. Disperse Yellow 1, -3, -9, -39 and -49

**CARCINOGENIC DYES**

There is a ban on the use of the dyes listed, which are classified as ”carcinogenic”.

C.I. Acid Red 26, C.I. Basic Red 9, C.I. Direct Red 28, C.I. Direct Blue 6, C.I. Disperse Blue 1, C.I. Disperse Yellow 3, C.I. Direct Black 38

**HEAVY METALS**

Dyes and pigments containing the listed heavy metals as ingredients of the dyeing component must not be used to dye the pile material. The limit value for the total heavy metal content of a fitted carpet is 100 mg/kg.

Pb (lead), Cd (cadmium), Hg (mercury), Cr (chromium total) or Cr(VI)

**FLAME RETARDANTS**

There is a ban on the use of the halogenous and phosphorous flame retardants listed.

PBB, TRIS, TEPA, SCCPs, PeBDE (pentabromodiphenylether)
For the biocides listed that may be contained as active substances in respective formulations there is either a ban on their use or a limit value was specified for the respective active substance or group of active substances.

1) There is a ban on the use of products containing TBT.

2) The limit value for the chlorophenols, pentachlorophenol and tetrachlorophenol (PCP and TeCP), is 0.1 mg/kg.

3) For orthophenylphenol (OPP), there is a limit value of 1 mg/kg.

4) For the chlororganic pesticides listed, there is a limit value of 0.04 mg/kg for each individual substance and of 1 mg/kg for the sum of all components, respectively.

   o,p’ and p,p’ –DDE, –DDD and –DDT, α, β, δ, ε-hexachlorocyclohexane, Aldrin, dieldrin, endrin, heptachlor, heptachloroepoxide, hexachlorobenzene, lindane, methoxychlor, mirex, toxaphene, *-α-and β-endosulphane

5) For the phosphororganic pesticides listed, there is a limit value of 0.04 mg/kg for each individual substance and of 1 mg/kg for the sum of all components, respectively.

   Diazinon, dichlorofenthion, dichlorophos**, malathion**, parathion-ethyl, parathion-methyl*, trifluralin (*special procedures required, **other identification limits).

6) For the herbicides, 2,4,5-T and 2,4-D, there is a limit value of 0.04 mg/kg for each individual substance and of 1 mg/kg for the sum of all components, respectively.

7) Except for permethrine, there is a ban on the use of all pyrethroids for the protection of wool against moths and beetles.

8) As moth- and beetle-proofing agent for the sole finishing of woollen fitted carpets, permethrine may be used up to a maximum limit of 210 mg/kg. Application must be conducted in compliance with a prescribed procedure.

** EMISSIONS FROM TEXTILE FLOORCOVERINGS **

Volatile organic components from textile floorcoverings are determined in compliance with the test-chamber process. The following limit values are specified for the components listed.

<table>
<thead>
<tr>
<th>Component</th>
<th>Limit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>TVOC</td>
<td>300 µg/m³</td>
</tr>
<tr>
<td>VOC without LCI</td>
<td>100 µg/m³</td>
</tr>
<tr>
<td>R-Value</td>
<td>≤ 1</td>
</tr>
<tr>
<td>SVOC (C_{16} to C_{22})</td>
<td>30 µg/m³</td>
</tr>
<tr>
<td>Cancerogenic Substances (EU-list Class 1 a. 2)</td>
<td>n.n.</td>
</tr>
</tbody>
</table>

Test chamber method (EN 13419; 1+2; ISO 16000). The test is performed 72h after t = 0. For calculation and evaluation of the R-value, the actual LCI-Value List as published by AgBB* is used.

* Ausschuss zur gesundheitlichen Bewertung von Baumaterialien

** ODOR **

The material tested should only have the low-intensity odour typical of a new product.

The test mark following appraisal by a team of 7 persons must be a value < 4.

** REQUIREMENTS ON LATICES **

The latices used for coating must meet the following requirements on the residual monomer content.

For the individual substances styrene and 4-PCH, the limit value is 200 mg/kg of latex, and for ethylbenzene and 4-VCH, the limit value for each is 50 mg/kg of latex.

The limit value of the sum for all 4 components is 400 mg/kg of latex.

For the manufacture of foam coatings, there is a ban on the use of the vulcanisation accelerator Zn-diethylthiocarbamate (ZDEC).
DECLARATION OF PERFORMANCE

DOP: 1011#E0ACV

1. Unique identification code of the product-type:
   1011#E0ACV

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
   Spontini AB - Textiel Bodenbelag - pile carpet acc. EN 1307

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
   For use as floor covering in buildings (see EN 14041) according to the manufacturer's specifications.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(6):
   Batia Industries NV/Division ITC - Kanegemstraat - B - 8700 Tielt

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
   -

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
   System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
   Name of the notified test laboratory, that has issued the certificate of conformity of the factory production control, inspection reports and calculation reports (if relevant):
   Centerexbel; Wetenschappelijk en technisch centrum voor de Belgische textielindustrie
   Technologiepark 7
   Notified Body 61510 certificate of conformity of performance

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
   Not applicable

9. Declared performance

<table>
<thead>
<tr>
<th>Essential characteristics</th>
<th>Performance</th>
<th>Harmonised technical specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction to fire</td>
<td></td>
<td>EN 14041:2004/AC:2006</td>
</tr>
<tr>
<td>Electrical behavior (dissipative)</td>
<td>NPD</td>
<td>EN 14041:2004/AC:2006</td>
</tr>
<tr>
<td>Electrical behavior (conductive)</td>
<td>NPD</td>
<td>EN 14041:2004/AC:2006</td>
</tr>
<tr>
<td>Electrical behavior (antistatic)</td>
<td></td>
<td>EN 14041:2004/AC:2006</td>
</tr>
<tr>
<td>Thermal conductivity [W/mK]</td>
<td>0.096</td>
<td>EN 14041:2004/AC:2006</td>
</tr>
</tbody>
</table>

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.
    This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.
    Signed for and on behalf of the manufacturer by:

    Luc Nels, Production Manager
    (Name and function)
    06.07.2013, Tielt
    (Place and date of issue)
Certification Report Nr. 12/357
Modification of certification report 10/10239 dd. 2010-11-16

1. Description of the flooring:

Product group: Tufted broadloom carpet
100% polyamide
woven textile backing
Total mass: 1200 g/m² - 2470 g/m²
Effective pile thickness: 2.0 mm - 14.0 mm

2. Executed tests:

<table>
<thead>
<tr>
<th>European Fire classification in accordance with EN 13501-1 (2002)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Cₙ</td>
</tr>
</tbody>
</table>

3. Conclusion:

Referring to the means of control and the test results, the before mentioned product group can be classified as follows:

 glued on a non-combustible substrate*

\[
Cₙ - s1
\]

* End use substrates of classes A1 or A2-s1, d0 (ISO 13328:2010 § 3.2.2)

This certification report runs to 2 pages and may be reproduced, as long as it is presented in its entire form, without written permission of Centexbel.
The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.

Centexbel is recognized as notified body 0493 for the European Construction Products directive and the European directive for personal protective equipment.
Certification Report Nr. 12/357

Related commercial names to this product group are:

<table>
<thead>
<tr>
<th>ALTRO AB</th>
<th>IR+dessin AB</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMBIANCE AB</td>
<td>MONTEVERDI AB</td>
</tr>
<tr>
<td>APOLLO AB</td>
<td>OLYMPIC AB</td>
</tr>
<tr>
<td>ARMADA AB</td>
<td>OPTIMA AB / CARESSE AB</td>
</tr>
<tr>
<td>AO+dessin AB</td>
<td>PALM BEACH AB</td>
</tr>
<tr>
<td>ARENA AB</td>
<td>PARMA AB</td>
</tr>
<tr>
<td>AR+dessin AB</td>
<td>PA+dessin AB</td>
</tr>
<tr>
<td>BIRKFIELD AB</td>
<td>PLATINUM AB</td>
</tr>
<tr>
<td>BOEMERANG AB</td>
<td>PRECiosa AB</td>
</tr>
<tr>
<td>BUENA VISTA AB</td>
<td>QUARTIER AB</td>
</tr>
<tr>
<td>CITY LIFE AB</td>
<td>QUARTZ AB</td>
</tr>
<tr>
<td>COBALT AB</td>
<td>QUARTZ NEW AB</td>
</tr>
<tr>
<td>CONCERTO AB</td>
<td>REKORD AB</td>
</tr>
<tr>
<td>CORSA AB</td>
<td>RIVOLI AB</td>
</tr>
<tr>
<td>DUBLINO AB</td>
<td>ROSSINI AB</td>
</tr>
<tr>
<td>DYNAMIC AB</td>
<td>ROXANE AB</td>
</tr>
<tr>
<td>ELITE AB</td>
<td>SAPORO AB</td>
</tr>
<tr>
<td>FANCY AB</td>
<td>SEDUCTION AB</td>
</tr>
<tr>
<td>FANDANGO AB</td>
<td>SERENADE AB</td>
</tr>
<tr>
<td>FORTA AB</td>
<td>SHERWOOD AB</td>
</tr>
<tr>
<td>FORTA PLUS AB</td>
<td>SPONTINI AB</td>
</tr>
<tr>
<td>FORTESSA AB</td>
<td>SPRINGDALE TWIST AB</td>
</tr>
<tr>
<td>GALAXUS AB</td>
<td>SPUMANTE AB</td>
</tr>
<tr>
<td>HARMONY AB</td>
<td>SUPREME TOUCH AB</td>
</tr>
<tr>
<td>HENLEY TWIST NEW AB</td>
<td>SYMPHONY AB</td>
</tr>
<tr>
<td>IRIS AB</td>
<td>TITAN AB / CHAMPION AB</td>
</tr>
</tbody>
</table>

The obtained classification is based on the next test reports:
- Centexbel: 65089 of 2008-10-22
- Centexbel: 66103 of 2009-01-14
- Centexbel: 67117 of 2009-03-06
- Centexbel: 67118 of 2009-03-06
- Centexbel: 68414/E of 2009-03-06
- Centexbel: 68414/T of 2009-05-06
- Centexbel: 76368 of 2010-11-02
- Centexbel: 81137 of 2011-08-24
- Centexbel: 11.82629.01 of 2011-12-16
- Centexbel: 11.82630.01 of 2011-12-16

Certificate valid until 2016-08-24

Petra Witevrongel
product certifier
**Test results**

**Impact sound insulation of ISO 140-8: 1998 - 03**

Measurement of impact sound insulation by a floor covering - on a solid strings-floor

Customer: CENTEXBEL

Tested material: SPONTINI AB - CAVALDI AB - MONTEVERDI AB (non glued)

Test rooms: 02 u. K2, Hauptstraße 133, 52 477 Alsdorf

Test area: 4.24 m x 4.15 m Test area of slab

Date of test: 11.05.2010

**Description of the test material:**

- **Total thickness:** - mm
- **Mass / area:** - kg/m²

The material is laid loose on a 140 mm thick reinforced concrete floor slab.

The results are based on tests, which were effected within artificial source of sound by laboratory conditions.

### Receiving room:

- **Volume:** 58.9 m³
- **Temperature:** 20 °C
- **Humidity:** 65 %

### Frequency Ln \( \Delta L \)

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>Ln Bare floor</th>
<th>( \Delta L ) dB</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>0.6</td>
<td>6.0</td>
</tr>
<tr>
<td>63</td>
<td>3.0</td>
<td>9.0</td>
</tr>
<tr>
<td>80</td>
<td>3.2</td>
<td>9.4</td>
</tr>
<tr>
<td>100</td>
<td>1.6</td>
<td>8.0</td>
</tr>
<tr>
<td>125</td>
<td>4.7</td>
<td>10.3</td>
</tr>
<tr>
<td>160</td>
<td>7.8</td>
<td>11.6</td>
</tr>
<tr>
<td>200</td>
<td>11.0</td>
<td>13.0</td>
</tr>
<tr>
<td>250</td>
<td>13.0</td>
<td>14.3</td>
</tr>
<tr>
<td>315</td>
<td>16.1</td>
<td>17.5</td>
</tr>
<tr>
<td>400</td>
<td>20.4</td>
<td>22.7</td>
</tr>
<tr>
<td>500</td>
<td>24.4</td>
<td>26.8</td>
</tr>
<tr>
<td>630</td>
<td>32.2</td>
<td>34.5</td>
</tr>
<tr>
<td>800</td>
<td>35.2</td>
<td>37.5</td>
</tr>
<tr>
<td>1000</td>
<td>45.0</td>
<td>47.3</td>
</tr>
<tr>
<td>1250</td>
<td>46.7</td>
<td>49.0</td>
</tr>
<tr>
<td>1600</td>
<td>49.8</td>
<td>52.1</td>
</tr>
<tr>
<td>2000</td>
<td>50.3</td>
<td>52.6</td>
</tr>
<tr>
<td>2500</td>
<td>55.0</td>
<td>57.3</td>
</tr>
<tr>
<td>3150</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>4000</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>5000</td>
<td>---</td>
<td>---</td>
</tr>
</tbody>
</table>

**Reception filter:** third-octave

**Calculation according ISO 717-2:**

Impact sound improvement index

\[ \Delta L_{\text{W}} = 26 \text{ dB} \]

\( \text{VM} = 26 \text{ dB} \)

\[ \Delta L_{\text{lin}} = \Delta L_{\text{W}} + C_{L_{\text{A}}} \]

\[ C_{L_{\text{A}}} = -13 \text{ dB} \]

\[ C_{L_{r}} = 2 \text{ dB} \]

\[ C_{L_{r,50-2500}} = 5 \text{ dB} \]

**Test report no.:**

CT110510C TS

Aachen 28.05.2010

[Signature]

[Stamp: SWA Scharf- und Wärmemeßstelle Aachen GmbH]

(Dr.-Ing. L. Siebel)
4.1 Valuation of test results

Sound absorber for the application in buildings - valuation of sound absorption
Sound absorption of DIN EN ISO 11654: 1997-07

Customer: CENTEXBEL

Tested material: article: SPONTINI AB - CAVALLI AB - MONTEVERDI AB (non glued)

Test room: reverberation room, Hauptstraße 133, 52 477 Aalsdorf
Test area: 12,0 m²
Test method: method of reverberation room
Date of test: 11.05.2010

Description of the test material:
Total thickness: - mm
Mass / area: - kg/m²
laid loose on the floor of the reverberation room

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Practical sound absorption coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>125</td>
<td>0.05</td>
</tr>
<tr>
<td>250</td>
<td>0.05</td>
</tr>
<tr>
<td>500</td>
<td>0.10</td>
</tr>
<tr>
<td>1000</td>
<td>0.25</td>
</tr>
<tr>
<td>2000</td>
<td>0.50</td>
</tr>
<tr>
<td>4000</td>
<td>0.45</td>
</tr>
</tbody>
</table>

Results:
Relation - curve:

Reverberation room:
Basic plan: trapezoid
Volume: 211 m³
Temperature: 20 °C
Humidity: 65 %

Surfaces areas of reverberation room: 213 m²

Surfaces areas of reflectors in reverberation room: 54.5 m²

Evaluated sound absorption:
\[
\alpha_W = 0.20 \quad (*)
\]

*) It is recommended insistently to use this singular valuation with complete curve of sound absorption garde.

Test report no.: CT110510C SA

Aachen 28.05.2010

SWA Schall- und Wärmemeßstelle Aachen GmbH

(Dipl.-Ing. A. Siebel) (Dr.-Ing. L. Siebel)
ZERTIFIKAT

Genehmigung zur Nutzung des Prüfzeichens

MATERIALPRÜFUNG
AUF ALLERGIKER-EIGNUNG

Die

TÜV NORD Systems GmbH & Co. KG, Hamburg,
bestätigt, dass ausgewählte Artikel\(^1\) der Teppichboden-Produktgruppen

- Polyamid,
- Polyamid/Polypropylen und
- Polypropylen

die von der TÜV NORD Systems GmbH & Co. KG gestellten Anforderungen erfüllen.

Der

BALTA INDUSTRIES NV, Sint-Baafs-Vijve (Belgien),

wird daher das Recht verleihen, das nachstehende Prüfzeichene im Zusammenhang mit den ausgewählten Artikeln der o. a. Teppichboden-Produktgruppen zu führen.

\(^1\) siehe Rückseite

TÜV NORD Systems GmbH & Co. KG
Prüfstelle für Raumlufthygiene

Dipl.-Ing. M. Klein

Essen, 07. Oktober 2011
Für die nachfolgend aufgeführten Teppichboden-Artikel wurde der BALTA INDUSTRIES NV, Sint-Baafs-Vijve (Belgien) vom TÜV NORD, Hamburg, die Genehmigung erteilt, das TÜV NORD Prüfzeichen "Teppichboden aus allergenkontrolliertem Material – Für Allergiker geeignet" zu führen:

Teppichboden-Produktgruppe "Polyamid"


Teppichboden-Produktgruppe "Polyamid / Polypropylen"

Coral UX, Star UX, Star TR, Forum UX, Robust UX, Tessuto UX, Tampa UTQ+, Tampa TR, Desert Twist TR, Desert Twist TF, Reggae TF, Tweed TR

Teppichboden-Produktgruppe "Polypropylen"

Casadesign UTQ+, Natura, Velvet Twist TF, Capitol Cable & Cord TF, Solid TR, Lounge TF, Stainsafe Heathers TR, Pure, Curly TF, Focus TF, Rasta TF, Shepherd Twist TR, Stainsafe Favourite Premium TR, Stainsafe Favourite Elite TR, Stainsafe Touch TR, Mistral TF, Passat TF, Scirocco TF, Scala TF, Scala Design TF, Salzburg TF, Sensations TR, Giro Gala TR, Giro Gala UTQ+