



AFBF95B0

EVOLVE AB

PRODIS-GUT Certificate

**The article mentioned meets the test criteria of
Gemeinschaft umweltfreundlicher Teppichboden e.V.**

Short description of the textile floor covering

Type of production: pile carpet acc. EN 1307 - tufted
Type of surface: cut pile - multicoloured plain
100% PA6
Type of backing: textile backing - woven - man-made fibres

Harmful substances

The bans on use and thresholds, if applicable, in particular for SVHCs, carriers, azo dyes, allergenic and carcinogenic dyes, heavy metals chlorophenols (e.g. PCP), biocidal substances, phthalates and other softeners, halogenised flame retardants and Sb_2O_3 as well as inorganic fibres specified in the GUT criteria have been met.

Formaldehyde

The ban on the use of adjuvants containing or splitting off formaldehyde have been met.
The formaldehyde emissions are $< 10 \mu\text{g}/\text{m}^3$.

VOC emissions

Threshold in $\mu\text{g}/\text{m}^3$	3 days	28 days
TVOC (C_6-C_{16}):	250	100
VOC without NIK:	100	50
SVOC ($C_{16}-C_{23}$):	30	30
R-value:	1,0	1
HCHO:	10	4
carcinogenics:	not detectable	
benzene:	not detectable	

The limit values for VOC emissions indicated alongside, determined in accordance with the test chamber process (ISO 16000-6 or EN 10580), have been met. The test was made 3 days, or, where required, 28 days after placement into the chamber.

The evaluation of the emissions and the calculation of the R value were based on the then current LCI list of the AgBB.

Odour

The product has passed the odour test with at least the grade 3.
A slight odour of low intensity is permissible in new merchandise.

Shares of recycled materials

The requirements regarding the content of contaminants and the emission behaviour apply unrestrictedly also to products whose manufacture included the use of recycled materials. The use of recycled raw materials (e.g. pile fibres) must be indicated when the manufacturer registers the article.

For a complete list of all limit values and test criteria see

www.gut-ev.de

Aachen, 21.04.2015



This certificate was issued electronically and requires no further signature

Gemeinschaft umweltfreundlicher Teppichboden e.V.,
D-52068 Aachen, Schönebergstrasse 2

PRODIS

**THE COMPREHENSIVE
EUROPEAN PRODUCT
INFORMATION SYSTEM FOR
TEXTILE FLOORCOVERINGS**

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)

GUT test procedure No. 1

There is a ban on the use of the carriers listed.

Di-, tri-, tetra-, penta- and hexachlorobenzenes; di-, tri-, tetra- and pentachlorotoluenes

AZODYES

GUT test procedure No. 2

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-diaminoanisole, 4,4'-diaminodiphenylmethane, 3,3'-dichlorobenzidine, 3,3'-dimethoxybenzidine, 3,3'-dimethylbenzidine, 3,3'-dimethyl-4,4'-diaminodiphenylmethane, p-cresidine, 4,4'-methylene-bis-(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-ethoxynaphthalene**, 4-amino-3-fluorophenol**
(*not identifiable, **special procedure required)

DISPERSE DYES

GUT test procedure No. 3

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

GUT test procedure No. 4

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

GUT test procedure No. 5

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

GUT test procedure No. 6

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

PBB, TRIS, TEPA, SCCPs, PeBDE (pentabromodiphenylether)

ACTIVE BIOCIDAL SUBSTANCES

GUT test procedure No. 7

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, aldrine, dieldrine, endrine, 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

GUT test procedure No. 8

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.

TVOC	300 $\mu\text{g}/\text{m}^3$	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.
VOC without LCI	100 $\mu\text{g}/\text{m}^3$	
R-Value	≤ 1	
SVOC (C ₁₆ to C ₂₂)	30 $\mu\text{g}/\text{m}^3$	
Cancerogenic Substances (EU-list Class 1 a. 2)	n.n.	

* Ausschuss zur gesundheitlichen Bewertung von Baumaterialien

ODOUR

GUT test procedure No. 9

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

GUT test procedure No. 10

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-diethyldithiocarbamate (ZDEC).



DECLARATION OF PERFORMANCE

DOP: 1011#IE0ACV

1. Unique identification code of the product-type:

1011#IE0ACV

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

EVOLVE AB - Textile floor covering - 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(5):

Balta Industries NV/Division ITC - Kanegemstraat 15 - 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).

CRET; Centre de recherches et d'etudes techniques du tapis Rue du vert bois, Zone industrielle, P.O. Box 30 F - 59531 Neuville-en-Ferrain Cedex

Notified Body

2013/055

certificate of constancy 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

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	Cfl-s1	EN 14041 :2004/AC:2006
Content of Pentachlorophenol	DL PCP	EN 14041 :2004/AC:2006
Formaldehyd Emissions	NA HCHO	EN 14041 :2004/AC:2006
Slip resistance	DS	EN 14041 :2004/AC:2006
Electrical behavior (dissipative)	NPD	EN 14041 :2004/AC:2006
Electrical behavior (conductive)	NPD	EN 14041 :2004/AC:2006
Electrical behavior (antistatic)		EN 14041 :2004/AC:2006
Thermal conductivity [W/mK]	0.064	EN 14041 :2004/AC:2006
Water-tightness	NPD	EN 14041 :2004/AC:2006

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 Nelis, Production Manager

(name and function)

22.04.2015, Tielt

(place and date of issue)

(signature)



REACTION TO FIRE CLASSIFICATION REPORT
N° 2013/055-1

(English version of classification report N°2013/055)

(Modification of classification report RC 2013/026)

According to EN 13501-1 (2007) + A1 (2009)

Notification by the French Government to the European Commission
under n° NB 2401

Sponsor : BALTA INDUSTRIES N.V / DIVISION I.T.C
Kanegemstraat 15
B 8700 TIELT
BELGIUM

Product name : Products group (Tufted carpet 100 % polyamide
Woven textile backing).
(Updated additional trademarks)

Description : Textile floor coverings (EN 1307 family)
(see detailed description in paragraph 2)

Date of issue : 18/12/2015

The indicated classification does not prejudice the conformity of marketed materials with the samples submitted to the tests and under no circumstances, this document should not be considered as type approval or certification of the product in the sense of the L 115-27 article of the consumption's code of the law dated June 3rd 1994.

*The reproduction of this classification report is only authorised in its integral form.
It comprise 5 pages*

1. Introduction

This classification report defines the classification assigned to the above-mentioned product (s) in accordance with the procedures given in the NF EN 13501-1 standard: September 2007 & A1 (2009).

2. Details of classified product**2.1. Product standard**

NF EN 14041 (2005): « Resilient, textile and laminate floor coverings - Essential characteristics.

2.2. Product description

Tufted carpet 100% polyamide on woven textile backing (EN 1307 family).

Tested glued over a fibre-cement board classified A1_{f1} or A2_{f1} with a density (1800 ± 200) Kg/m³ and thickness (8 ± 2) mm

Use surface: 100 % polyamide.

Nominal mass per unit area : 1200 to 2530 g/m².

Nominal effective pile thickness : 2,0 to 14,0 mm.

3. Test reports and tests results in support of this classification**3.1. Tests reports**

Name of laboratory	Name of sponsor	Test report N°	Test method
C.R.E.T.	BALTA INDUSTRIES N.V / DIVISION I.T.C Kanegemstraat 15 B 8700 TIELT BELGIUM	RL 2013/099 (20/03/2013) + classification report 2013/026 (20/03/2013)	ISO 9239-1

Name of laboratory	Name of sponsor	Test report N°	Test method
CENTEXBEL (NB 0493)	BALTA INDUSTRIES N.V / DIVISION I.T.C Kanegemstraat 15 B 8700 TIELT BELGIUM	N° 81137/G (24-08- 2011) & N°11.82629.02 (16-12- 2011)	ISO 9239-1

3.2. Tests results

Classes of reaction to fire for textile floor coverings, classified without further testing.

Test method	The floorings « EXPRESSIONS AB » - « IRIS AB » & « PALM BEACH AB » meet the requirements of table 2 of the standard EN 14041 and are classified without further testing (CWFT)
EN ISO 11925-2	Classification E_{f1}

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters : mean value
ISO 9239-1	EXPRESSIONS AB (classification report CRET 2012/026)	3	Critical heat flux (kW/m ²)	≥ 4,5
			Smoke (% X min)	≤ 750

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ISO 9239-1	IRIS AB (Test report CENTEXBEL 81137/G)	3	Critical heat flux (kW/m ²)	≥ 4,5
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Test method	Product	Number of tests	Parameters	Continuous parameters : mean value
ISO 9239-1	PALM BEACH AB (test report CENTEXBEL 11.82629.02)	3	Critical heat flux (kW/m ²)	≥ 4,5
			Smoke (% X min)	≤ 750

4. Classification and field of application

4.1. Reference of classification

This classification has been carried out in accordance with EN 13501-1 :2007 & A1 (2009).

4.2. Classification

Fire behaviour		Smoke production
C _{fl}	-	s1

Classification : C_{fl} – s1

4.3. Field of application

This classification is valid for the following end use applications :

Glued over fibre-cement A2_{fl} or A1_{fl} class with a density ≥ 1350 kg/m³.

This classification is valid for the following product parameters :

- A nominal mass per unit area of: 1200 to 2530 g/m²
- A nominal effective thickness of : 2,0 to 14,0 mm

The classification of the product family is valid for the following trademarks :

ALLURE AB
ALTONA AB
ALTRO AB
AMBIANCE AB
APOLLO AB
APPOLO SDE NEW AB
ARENA AB / AR + dessin AB
ARMADA AB / AO + dessin AB
BIRKFIELD AB
BOEMERANG AB
BUENA VISTA AB
CARMINA AB
CHRONOS AB
CITY LIFE AB
CONCERTO AB
CORSA AB
CRISTALLE AB
DURANA AB
ELITE AB
EVOLVE AB
EXPRESSIONS AB
FAMOSO AB
FANCY AB
FANDANGO AB
FORTESSE AB
FORTESSE SDE NEW AB
GALAXUS AB
HARMONY AB
HENLEY TWIST NEW AB
IRIS AB / IR + dessin AB
NOVASTRIPE AB
NOVAWEAVE AB
OPTIMA AB / CARESSE AB
OPTIMA SDE NEW AB
PALM BEACH AB
PARMA AB / PA + dessin AB
PRECIOSA AB
QUARTIER AB
QUARTZ NEW AB
REKORD AB
RIVOLI AB
ROSSINI AB
ROSSINI NEW AB
ROXANE AB
SEDUCTION AB
SERENO AB
SHERWOOD AB
SIERRA AB
SILHOUETTE AB
SPRINGDALE TWIST AB
SUBLIMO AB
SUPREME TOUCH AB
SYMPATHY AB
SYMPHONY AB

TWEED AB
VENICE AB

5. Limitations

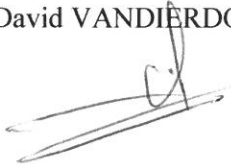
This classification document does not represent type approval or certification of the product.

“The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 attestation of conformity and CE marking under the Construction Products Directive.

The manufacturer has made a declaration, which is held on file. This confirms that the products design requires no specific processes, procedures or stages (no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.”

Head of Test
David VANDIERDONCK



For the SARL C.R.E.T.
The Technical Director
Marc WELCOMME



End of the classification report