

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 Bauprodukten

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#IE0ACL

1. Unique identification code of the product-type:

1011#IE0ACL

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

E-STRIKE AB - Textile floor covering - pile carpet acc. EN 1307:2014

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

2013/084

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		EN 14041:2008-05
Content of Pentachlorophenol		EN 14041:2008-05
Formaldehyd Emissions		EN 14041:2008-05
Slip resistance		EN 14041:2008-05
Electrical behavior (dissipative)	NPD	EN 14041:2008-05
Electrical behavior (conductive)	NPD	EN 14041:2008-05
Electrical behavior (antistatic)	NPD	EN 14041:2008-05
Thermal conductivity [W/mK]	NPD	EN 14041:2008-05
Water-tightness	NPD	EN 14041:2008-05

10. The performance of the product identified above is in conformity with the set of declared performance/s.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer

Signed for and on behalf of the manufacturer by:

Luc Jongbloet, Business unit manager ITC-Balta Carpets - Balta tiles
(name and function)

02.04.2020, Tielt
(place and date of issue)

(signature)



REACTION TO FIRE CLASSIFICATION REPORT
N° 2013/084-1

(English report of classification report RC 2013/084)

According to EN 13501-1 (2007) + A1 (2013)

Notification by the French Government to the European Commission
under n° NB 2401
Regulation (UE) n° 305/2011

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

Product name : Products group Tufted carpet 100 % polyamide

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

Date of issue : 13/01/2020 (Updated)

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 comprises 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 (2013).

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 pile carpet 100% polyamide on woven polypropylene backing (EN 1307 family).

Tested loose laid over a fibre-cement board classified A1_{fl} or A2_{fl} with a density (1800 ± 200) kg/m³ and thickness (8 ± 2) mm.

Use surface: 100 % polyamide

Nominal mass per unit area : 1350 to 2620 g/m²

Nominal effective pile thickness : 2,1 to 10,3 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 2017/114 + classification report 2017/032-1 (21/02/2017)	EN ISO 9239-1

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 2013/392 + classification report 2013/076-1 (28/11/2013)	EN ISO 9239-1

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 2018/673 + classification report 2018/162-2 (19/09/2018)	EN ISO 9239-1

3.2. Tests results

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

Test method	The floorings « TRIANON AB / TN + dessin AB » - « MASTER AB - MAESTRO AB » - « E-TOUCH 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_n

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters : mean value
EN ISO 9239-1	TRIANON AB / TN + dessin AB (classification report CRET 2017/032-1)	3	Critical heat flux (kW/m ²)	≥ 4,5
			Smoke (% X min)	≤ 750

Test method	Product	Number of tests	Parameters	Results
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			Smoke (% X min)	≤ 750

Test method	Product	Number of tests	Parameters	Results
				Continuous parameters : mean value
EN ISO 9239-1	E-TOUCH AB (Classification report CRET 2018/162-2)	3	Critical heat flux (kW/m ²)	≥ 8,0
			Smoke (% X min)	≤ 750

4. Classification and field of application4.1. Reference of classification

This classification has been carried out in accordance with EN 13501-1 :2007 & A1 (2013).

4.2. Classification

Fire behaviour		Smoke production
C _n	-	s1

Classification : C_n – s1

4.3. Field of application

This classification is valid for the following end use applications :

Loose laid over fibre-cement A2_n or A1_n class with a density $\geq 1350 \text{ kg/m}^3$.

This classification is valid for the following product parameters :

- A nominal mass per unit area of: 1350 to 2620 g/m²
- A nominal effective pile thickness of : 2,1 to 10,3 mm

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

**AKROPOLIS AB
AKTUA AB
AKZENTO AB
AMADEO AB
ARISTOCRAT AB
ART DECO AB
ARTE AB / AT + dessin AB
ARTO AB
ARUNDEL AB / AD + dessin AB
BAROQUE AB
BELGRAVIA AB
BELLEVUE AB
BELVEDERE AB
BIRKDALE AB
BRIDGEFORD AB
CAVALLI AB
CHABLIS AB
CHAMBORD AB
CHIC AB
COLUMN AB
CONSUL AB / CS + dessin AB
CORONET AB
CRYSTAL PALACE AB
E-FORCE AB
E-GRID AB
E-MAJOR AB
E-ROCK AB
E-STRIKE AB
E-TOUCH AB
FEMI AB
FLOXIMO AB
FORTISSIMO AB
GALLERIA AB
GLEAM AB
GRANATA AB
HERCULES AB
HERITAGE NEW AB
KREA AB
MAESTRO AB
MARQUIS AB / MQ + dessin AB
MASTER AB
MONOGRAM AB / MG + dessin AB
PAGEANT AB
PALACE NEW AB**

PODIUM AB
PROGRESSA AB / PG + dessin AB
PROJECTA AB / PJ + dessin AB
PROMENADE AB / PM + dessin AB
PROMINENT AB
PROSPECTA (NEW) AB / PP (NEW) + dessin AB
PROVIDER AB / PV + dessin AB
RICHELIEU AB
RIVELLO AB / RV + dessin AB (= LOVE VINTAGE COLLECTION)
ROCCA AB
ROCKET AB
SHERINGTON AB
SIRIO AB
SPARK AB
SPIRIT AB
SPLENDID AB
SPONTINI AB
TOSCANA AB
TREVISO AB
TRIANON AB / TN + dessin AB
VIENNA AB
VIGOR 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.”

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



End of the classification report