



Aachen, den 28.11.2007

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: **Optima AB**

of the manufacturer: **Balta Industries NV/Division ITC**

PRODIS-GUT
license number: **80E2C5AE**

Basic product description:

Type of manufacture: pile carpet acc. EN 1307 - tufted
Type of surface: cut pile - 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 Safety Code

This license was issued electronically and requires no further signature.

Gemeinschaft umweltfreundlicher Teppichboden e.V.,
D-52088 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):

Optima AB - Textiler 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(5):

Balta 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).

Centexbel; Wetenschappelijk en technisch centrum voor de belgische
textielnijverheid
Technologiepark 7

Notified Body







49188/D

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	 C-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]	 0.083	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

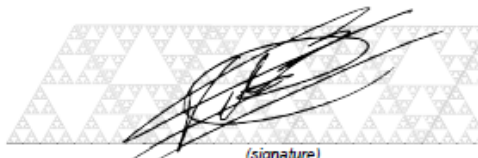
Signed for and on behalf of the manufacturer by:

Luc Nelis, Production Manager

(name and function)

08.07.2013, Tielt

(place and date of issue)


(signature)



Addressee
Balta Industries nv - afdeling ITC

our ref.
PW/357

date
2012-02-14

page number
2

Certification Report Nr. 12/357

Related commercial names to this product group are:

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

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 2009-05-06
- Centexbel: 68414/I 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 Wittevrongi
product certifier

Test results

Enclosure TS

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

Page 2 of 2

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

Customer: **CENTEXBEL**

Tested material: **T013328 (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: 03.01.2011

Description of the test material:

Total thickness: - mm

Mass / area: - kg/m²

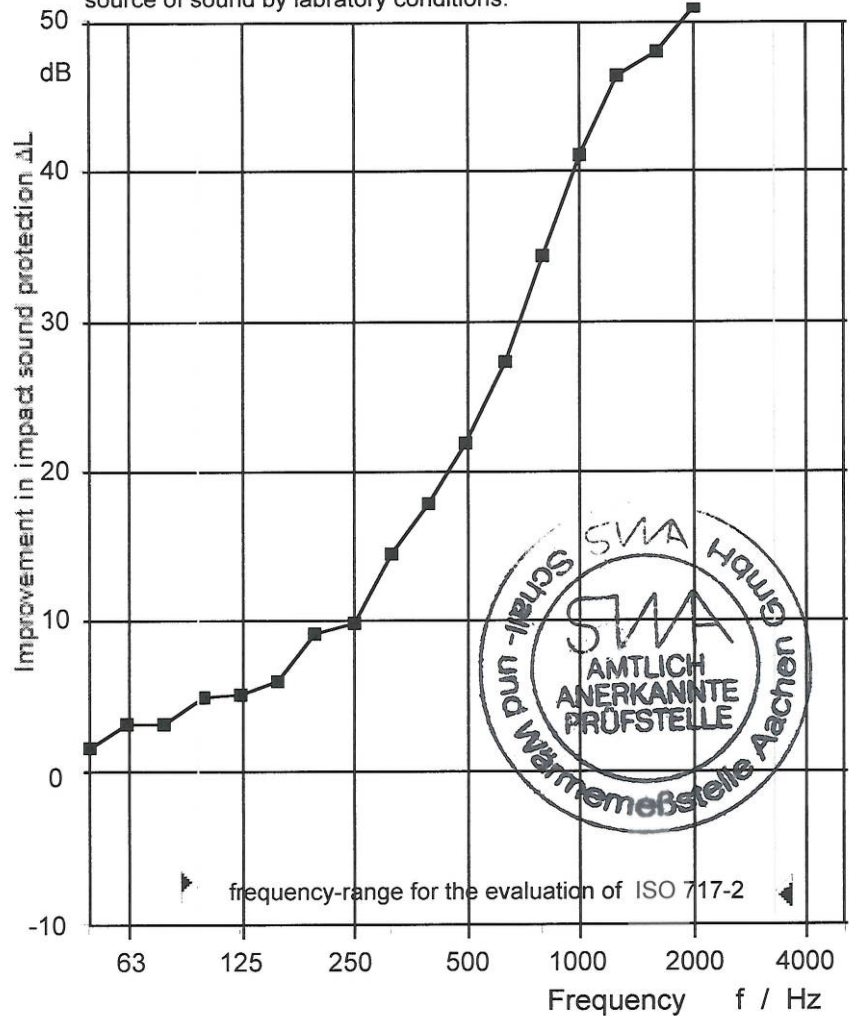
laid loose on a 140 mm thick reinforced concrete floor slab

Receiving room:

Volume: 58,9 m³
 Temperature: 20 °C
 Humidity: 65 %

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

Frequency	Ln	ΔL
	Bare floor	
Hz	dB	dB
50		1,7
63		3,4
80		3,4
100	61,0	5,1
125	61,4	5,3
160	64,8	6,2
200	63,7	9,3
250	65,4	10,0
315	65,6	14,5
400	66,1	17,9
500	66,0	21,9
630	66,4	27,4
800	66,3	34,4
1000	66,2	41,0
1250	66,6	46,4
1600	67,2	47,9
2000	67,1	51,0
2500	67,0	---
3150	66,4	---
4000		---
5000		---



Reception filter: third-octave
 Calculation according ISO 717-2:

Impact sound improvement index	non rated reduction of impact sound insulation	$C_{i,\Delta} = -11$ dB
$\Delta L_w = 25$ dB	$\Delta L_{lin} = \Delta L_w + C_{i,\Delta}$	$C_{i,r} = 0$ dB
(VM = 25 dB)	$\Delta L_{lin} = 14$ dB	$C_{i,r,50-2500} = 4$ dB

Test report no.:

CT030111 TS
 Aachen 03.01.2011

SWA Schall- und Wärmemeßstelle Aachen GmbH

(Dipl.-Ing. A. Siebel)

(Dr.-Ing. L. Siebel)

4.1 Valuation of test results

Enclosure SA

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

Page 3 of 4

Customer: **CENTEXBEL**

Tested material: **article: T013328 (non glued)**

Test room: reverberation room, Hauptstraße 133, 52 477 Alsdorf

Test area: 11,7 m²

Test method: method of reverberation room

Date of test: 04.01.2011

Description of the test material:

Total thickness: - mm

Mass / area: - kg/m²

laid loose on the floor of the reverberation room

frequency - range
of the "shapeindi-
cators"

Frequency in Hz	pactical sound absorption coefficient
125	0,00
250	0,05
500	0,10
1000	0,25
2000	0,50
4000	0,55

Results: 

Relation - curve: 

Reverberation room:

Basic plan: trapezoid

Volume: 211 m³

Temperature: 20 °C

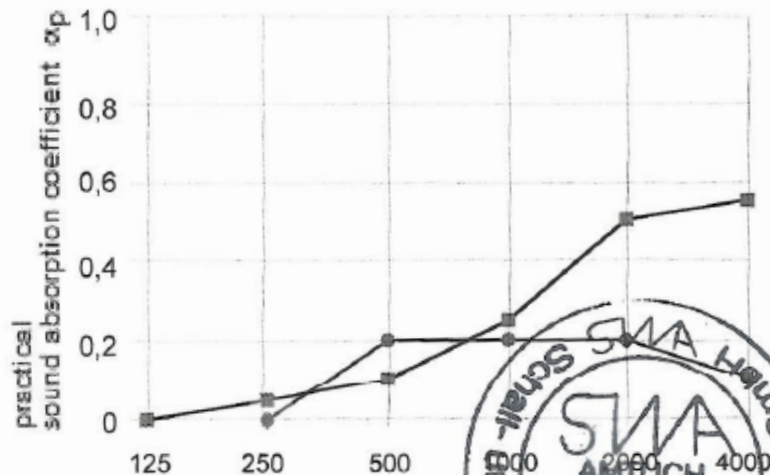
Humidity: 65 %

Surfaces areas of
reverberation
room:

213 m²

Surfaces areas of
reflectors in reverberation
room:

54,5 m²



Evaluated sound absorptions grade α_w

α_w : 0,20 (- - H) *

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

Test report no.:

CT030111 SA

Aachen

06.01.2011

SWA Schall- und Wärmemeßstelle Aachen GmbH

(Dipl.-Ing.-A. Siebel)

HOMOLOGATION

HOMOLOGATION UPEC MOQUETTES TOUFFETÉES ET TISSEES EN LÉS

Attestation n° 09/260

La Société BALTA Industries nv Division ITC
Kanegemstraat 15
B 8700 Tielt

Usine de Tielt (BE)

est autorisée à utiliser l'homologation  conformément au référentiel Refhm.1 relatif aux moquettes touffetées et tissées en lés, pour le produit

OPTIMA AB

Les caractéristiques du produit homologué figurent en page 2.

Le classement UPEC associé est : **U3 P3 E1 C0**

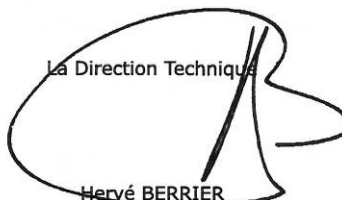
La présente attestation est valable à compter du 30/11/2009.

Cette attestation comporte 2 pages.

Correspondant : Danielle COUTANT
Tél. : 01 64 68 83 96
Fax : 01 64 68 84 76
E-mail : danielle.coutant@cstb.fr

Sauf annulation, suspension ou modification, cette attestation est valide.

La liste des produits homologués est tenue à jour au CSTB et disponible sur le site Internet www.cstb.fr.

La Direction Technique

Hervé BERRIER

HOMOLOGATION UPEC MOQUETTES TOUFFETÉES ET TISSEES EN LES

Attestation n° 09/260

OPTIMA AB

FABRICANT	BALTA INDUSTRIES NV DIVISION ITC
DISTRIBUTEUR	BALTA INDUSTRIES NV DIVISION ITC
CLASSEMENT UPEC	U3 P3 E1 C0
Présentation :	
largeur des lés (m).....	4 & 5
Caractéristiques :	
Masse surfacique totale (g/m ²)	1680
Epaisseur totale (mm).....	6,0
Jauge de la machine.....	1/10"
Nbre de points au dm.....	39,4
(sens transversal)	
Nbre de points au dm.....	65
(sens longitudinal)	
Velours :	
Type.....	coupé
Coloris.....	à dessins mécaniques
Nature.....	100% polyamide
Epaisseur utile (mm).....	3,5
Masse volumique (g/cm ³).....	0,129
Masse surfacique utile (g/m ²).....	450
Solidité des coloris :	
Lumière.....	≥ 5
frottement à sec.....	≥ 4
frottement humide.....	≥ 4
Dossier :	
Type	tissé
Nature.....	polypropylène
Masse surfacique (g/m ²)	100
Enduction :	
Nature.....	SBR
Masse surfacique (g/m ²)	800
Sous-couche :	
Type.....	tissé
Nature.....	polypropylène
Masse surfacique (g/m ²)	70
Masse volumique (g/cm ³).....	-
Epaisseur apparente (mm)	-
Pose :	
Mode de pose	collée
Types de colles préconisées	résines synthétiques (polyacrylique) en émulsion

ZERTIFIKAT

Genehmigung zur Nutzung des Prüfzeichens

MATERIALPRÜFUNG AUF ALLERGIKER-EIGNUNG

Die

TÜV NORD Systems GmbH & Co. KG, Hamburg,
bestätigt, dass ausgewählte Artikel^{*)} 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 verliehen, das nachstehende Prüfzeichen im Zusammenhang mit den ausgewählten Artikeln der o. a. Teppichboden-Produktgruppen zu führen.

^{*)} 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"

Chic UX, Elite UX, City Life UX, Angelo UX, Akzent TR, Chambord UX, Corsa UX, Figaro New UX, Forta TR, Parma V, Parma TR, Perugia UX, Preciosa UX, Preciosa TR, Richelieu TR, Sublimo UX, Rivoli TR, Altona UX, Corsa TR, Roxane UX, Quartier TR, Quartz TR, Rossini TR, Saphir TR, Henley Twist New TR, Elite TR, Ambiente UX, Harmony UX, Serenade UX, Linares UX, Yaris UX, Aktua UX, Namibia UX, Bellagio WT, Gerona WT, Apollo TR, Fortesse TR, Master TR, Mustang TR, Optima TR, Champion TR, Podium TR, Victory TR, Olympic TR, Platinum TR, Spontini TR, Cavalli TR, Altro TR, Prominent TR, Projecta TR, PJ + Name TR, Progressa TR, PG + Name TR, Promenade TR, PM + Name TR, Exclusivo WFB

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+