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Information

CHOOSE TO CREATE



Choose to Create

The arc edition® Choose to Create collection offers contract carpets printed with high-resolution Chromojet technology. Explore the nearly unlimited design possibilities and combine them with shades of our standard colour banks or request your own colours.

Have the prints realized on 1 of our 5 different high-performing carpets certified with usage class 33 or usage class 32. Our team accompanies you every step of the project – from creation to the finished flooring, from order processing to on-time delivery.

CREATE YOUR OWN INDIVIDUAL STYLE CARPET

1. Choose one of the patterns presented in the catalogues or submit your own design.
2. Define your preferred colour combination based on the colour banks or ask for special shades.
3. Select a carpet cloth

FAST FACTS IN NUMBERS

- 4 or 5 meter width
- 5 different, high-quality cloths
- Usage class 32 or 33
- Fire rating Bfl-s1 on Action Back
- 100% polyamide fibre IMPREL®

Committed to quality

- quality-controlled, integrated production (from fibre extrusion to finished product)
- large choice of selected designs
- possibility to submit your own, individual design
- high-resolution Chromojet technology
- high-performing carpet cloths
- easy ordering and on-time delivery

 **arc edition®**
performance flooring
by Balta

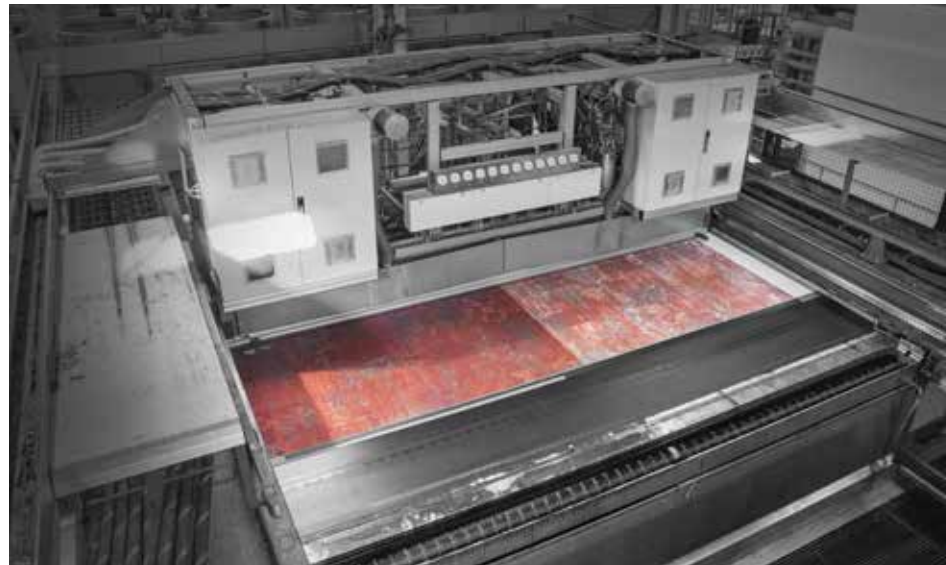
Carpet printing, creativity without limits

Chromojet technology

Chromojet is a printing system using high-speed valves, which are computer controlled. The pre-mixed pressurized spot colours are injected with high precision deep into the face of the pile without any machine parts touching the fabric. This results in deepest colour penetration and excellent print definition.

Advantages of the arc edition® Chromojet technology

- pre-mixed spot colours
- high-resolution technology
- no screens, no limitation in pattern repeats
- highly flexible pattern change
- up to 5 meters width
- full colour penetration
- 5 standard colour banks with up to 12 colours



CREATE YOUR OWN CUSTOM-MADE CARPET IN 3 STEPS

STEP 1: Design

The arc edition® “Choose to Create” collection offers flexibility in multiple designs and products. Choose one of the designs presented in the catalogues or submit your own design.

STEP 2: Colour

Select shades out of our standard colour banks or request your own hue. The arc edition® “Choose to Create” collection comes in a wide variety of shades consisting of 5 standard banks each made up of 12 pre-selected colours. Choose from one of these banks with a minimum order of just 240 m² or ask for your own specific shade.

STEP 3: Performance flooring

Design meets performance in the arc edition® “Choose to Create” collection. All products are produced with high-quality PA IMPREL® fibres to guarantee first-rate performance. When ready for print, we offer five carpet cloth options. The result? An elegant finish that combines aesthetics and functionality.

“There are no lines in nature, only areas of colour” – Manet



EXPERT TIP
A mockup is a great way to visualise your project. Ask us about the possibilities.

CLOTH/BACKING	COMPOSITION	CLASS	WEIGHT
projecta AB	100% PA	Class 32 cut pile	630 g/m²
prospecta new AB	100% PA	Class 33 cut pile	630 g/m²
promenade AB	100% PA	Class 32 saxony	900 g/m²
progressa AB	100% PA	Class 33 saxony	1.150 g/m²
provider AB	100% PA	Class 33 saxony	1.400 g/m²

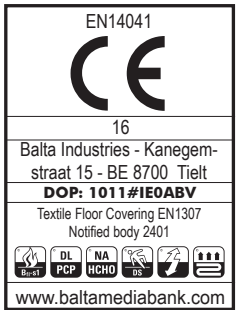
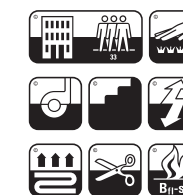


TECHNICAL SPECIFICATIONS

	PROJECTA AB	PROSPECTA NEW AB	PROMENADE AB
CONSTRUCTION	Tufting 5/64" cut pile	Tufting 5/64" cut pile	Tufting 1/10" saxony
PILE MATERIAL	100% PA 6 IMPREL®	100% PA 6 IMPREL®	100% PA 6 IMPREL®
PRIMARY BACKING	Non woven PES	Non woven PES	Non woven PES
SECONDARY BACKING	Action Back	Action Back	Action Back
PILE WEIGHT	Ca. 630 gr/m ²	Ca. 630 gr/m ²	Ca. 900 gr/m ²
TOTAL WEIGHT	Ca. 1.600 gr/m ²	Ca. 1.576 gr/m ²	Ca. 1.875 gr/m ²
PILE HEIGHT	Ca. 5 mm	Ca. 4,2 mm	Ca. 4 mm
TOTAL HEIGHT	Ca. 7 mm	Ca. 6,4 mm	Ca. 7 mm
TUFT DENSITY	Ca. 378.000/m ²	Ca. 294.000/m ²	Ca. 170.000/m ²
PILE DENSITY	Ca. 0,098 g/cm ³	Ca. 0,098 g/cm ³	Ca. 0,143 g/cm ³
CLASSIFICATION	EN 1307 32 - LC2	EN 1307 33 - LC2	EN 1307 32 - LC2
UPEC	U3 P3 E1 C0 Certification CSTB:10/265-05	-	U3 P3 E1 C0 Certification CSTB: 10/276
CASTOR CHAIR SUITABILITY	EN 985 A: intensive use	EN 985 A: intensive use	EN 985 A: intensive use
STAIR SUITABILITY	EN 1963 A: intensive use	EN 1963 A: intensive use	EN 1963 A: intensive use
PERMANENTLY ANTISTATIC	ISO 6356 ≤ 2 kV	ISO 6356 ≤ 2 kV	ISO 6356 ≤ 2 kV
IMPACT NOISE RATING	ISO 140-8 ca. 24 dB ΔLw	ISO 140-8 22 dB ΔLw	ISO 140-8 24 dB ΔLw
SOUND ABSORPTION	ISO 354 0,20 aw	ISO 354 0,20 aw	ISO 354 0,20 aw
THERMAL RESISTANCE	ISO 8302 0,13 m ² K/W	ISO 8302 0,09 m ² K/W	ISO 8302 0,15 m ² K/W
FASTNESS TO LIGHT	ISO 105-B02 ≥ 5-6	ISO 105-B02 ≥ 5-6	ISO 105-B02 ≥ 5-6
COLOUR FASTNESS TO WATER	EN ISO 105-E01 ≥ 4-5	EN ISO 105-E01 ≥ 4-5	EN ISO 105-E01 ≥ 4-5
RUBBING FASTNESS	EN ISO 105-X12 ≥ 4	EN ISO 105-X12 ≥ 4	EN ISO 105-X12 ≥ 4
FIRE RESISTANCE	EN 13501-1 Bfl-s1(if glued)	EN 13501-1 Bfl-s1(if glued)	EN 13501-1 Bfl-s1(if glued)
WIDTH	EN ISO 3018 ca. 400 cm	EN ISO 3018 ca. 400 cm	EN ISO 3018 ca. 400 cm



	PROGRESSA AB	PROVIDER AB
CONSTRUCTION	Tufting 1/10" saxony	Tufting 1/10" saxony
PILE MATERIAL	100% PA 6 IMPREL®	100% PA 6 IMPREL®
PRIMARY BACKING	Non woven PES	Non woven PES
SECONDARY BACKING	Action Back	Action Back
PILE WEIGHT	Ca. 1.150 gr/m ²	Ca. 1.400 gr/m ²
TOTAL WEIGHT	Ca. 2.095 gr/m ²	Ca. 2.320 gr/m ²
PILE HEIGHT	Ca. 5 mm	Ca. 6 mm
TOTAL HEIGHT	Ca. 7 mm	Ca. 8 mm
TUFT DENSITY	Ca. 209.000/m ²	Ca. 237.000/m ²
PILE DENSITY	Ca. 0,157 g/cm ³	Ca. 0,173 g/cm ³
CLASSIFICATION	EN 1307 33 - LC4	EN 1307 33 - LC5
UPEC	U3 P3 E1 C0 Certification CSTB: 10/273	-
CASTOR CHAIR SUITABILITY	EN 985 A: intensive use	EN 985 A: intensive use
STAIR SUITABILITY	EN 1963 A: intensive use	EN 1963 A: intensive use
PERMANENTLY ANTISTATIC	ISO 6356 ≤ 2 kV	ISO 6356 ≤ 2 kV
IMPACT NOISE RATING	ISO 140-8 26 dB ΔLw	ISO 140-8 26 dB ΔLw
SOUND ABSORPTION	ISO 354 0,20 aw	ISO 354 0,20 aw
THERMAL RESISTANCE	ISO 8302 0,09 m ² K/W	ISO 8302 0,17 m ² K/W
FASTNESS TO LIGHT	ISO 105-B02 ≥ 5-6	ISO 105-B02 ≥ 5-6
COLOUR FASTNESS TO WATER	EN ISO 105-E01 ≥ 4-5	EN ISO 105-E01 ≥ 4-5
RUBBING FASTNESS	EN ISO 105-X12 ≥ 4	EN ISO 105-X12 ≥ 4
FIRE RESISTANCE	EN 13501-1 Bfl-s1(if glued)	EN 13501-1 Bfl-s1(if glued)
WIDTH	EN ISO 3018 ca. 400 cm	EN ISO 3018 ca. 400 cm



07/18 We reserve all rights for technical improvements.

EXPERT TIP
 Borders are a great possibility to design floor spaces. Ask us about the possibilities.



Options

CLOTH/BACKING	WEIGHT	WIDTH	MINIMA
Simple design (max ca. 1 hour drawing and 1 colour bank and existing arc edition® colours)			
projecta AB	630 gr/m ²	4 m	60 LM
prospecta new AB	630 gr/m ²	4 m	60 LM
promenade AB	900 gr/m ²	4 & 5 m	60 LM
progressa AB	1.150 gr/m ²	4 & 5 m	60 LM
provider AB	1.400 gr/m ²	4 & 5 m	150 LM
Other more difficult designs/colours or mix of arc edition® colour banks			
projecta AB	630 gr/m ²	4 m	120 LM
prospecta new AB	630 gr/m ²	4 m	120 LM
promenade AB	900 gr/m ²	4 & 5 m	120 LM
progressa AB	1.150 gr/m ²	4 & 5 m	120 LM
provider AB	1.400 gr/m ²	4 m	150 LM
High-quality felt backing			
Ultratex (all cloths)			250 LM
Powerback (all cloths)			250 LM



Tolerances

The arc edition® tolerances are based on the European standards for textile and are part of the General Terms of Sales.

PRODUCT CONSTRUCTION

According to EN 1307, the construction tolerances of textile wall-to-wall carpets are as follows:

- Total weight: tolerance $\pm 15\%$
- Pile weight: tolerance $+ 15\%/-10\%$
- Pile height: tolerance $\pm 1\text{mm}$

MEASURES

- Length: carpet rolls are delivered with a tolerance of $\pm 1\%$.
- Width: carpet rolls with a standard width of 400/500cm are delivered with a tolerance of $\pm 1\%$.

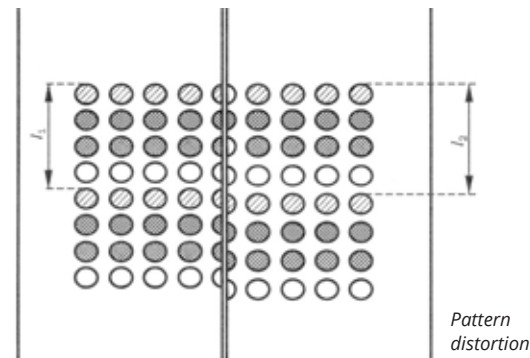
PATTERNS

The tolerances for pattern distortion are based on the CEN/TS 14159:2004 guidelines, a document established by the European Committee for Standardization.

1. Pattern distortion

Length

Distortion in pattern repeat length can be measured as the distance between a line drawn across the carpet at the maximum extent of the pattern (see chart I2) and the equivalent line drawn across the carpet at the minimum extent (see chart I1). For accuracy, the maximum deviation should be measured over minimum 1 meter length. The distortion (in mm) can be calculated by I2-I1 (see chart).



The tolerances for pattern distortion are as follows:

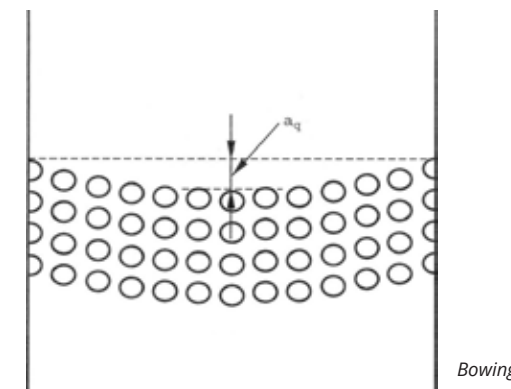
- For carpet rolls of different production runs: distortion has to be accepted.
- For pattern lengths 0cm up to 10cm tolerances are $\pm 2\%$.
- For pattern lengths 10cm up to 100cm tolerances are $\pm 1\%$.
- For pattern lengths $> 100\text{cm}$ tolerances are $\pm 0,5\%$.
- For accumulation of repeats tolerances are $\pm 0,5\%$.

Width

Pattern distortion can occur in case of cross seams. Tolerances here are $\pm 0,5\%$.

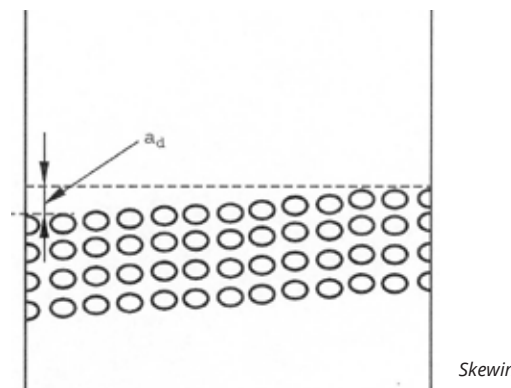
2. Bowing

If the repeat is on level on both sides, but curving appears across the width of the carpet, we are talking about bowing (see chart). Bowing of $\pm 1\%$ over the roll width is possible.



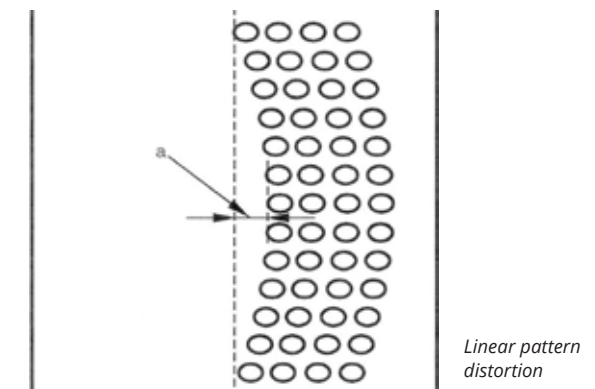
3. Skewing of patterns

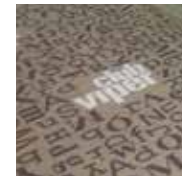
The repeat is not level on both sides, but diagonally skewed (see chart).



4. Linear pattern distortion

If the repeat is level on both sides, but curving appears across the length of the carpet, we are talking about linear pattern distortion (see chart). Linear pattern distortion of maximum 3cm is possible.





EXPERT TIP
 Have your logo
 printed on your floor.
 Ask us about the possibilities.

COLOURS

1. Colour deviation

Some colour deviation can not be avoided during production.

Rolls that are installed next to each other, have to come out of the same dying lot. The production sequence should be respected during installation and requested from us.

Slight colour deviations between samples and rolls are possible.

It is the responsibility of the fitter or buyer to check carpet rolls on possible colour deviation before installation.

2. Shading

Some installations of cut pile and saxonies develop irregular light and dark areas called 'Permanent Pile Reversal - Shading'. This is caused by some pile yarns changing direction, altering the way light is reflected or absorbed by the carpet.

The factors which cause permanent pile reversal-shading are not fully understood and its occurrence cannot be predicted or prevented. Yet, there is a strong connection between location and permanent pile reversal-shading.

Shading cannot be treated with mechanical actions such as hovering or brushing. It is not a manufacturing defect and has no detrimental influence on the durability or life of the carpet. However, as the appearance of a carpet may be affected, you are urged to consider this characteristic when purchasing a cut pile or saxony.

3. Pile reversal

Pile reversal appears on some clearly defined areas where the pile changes its direction opposite to the production direction.

This change of direction is more prominent than shading. Again, it is not a manufacturing defect and has no detrimental influence on the durability or life of the carpet.

QUANTITIES

Special production

In case of special production (not standard on stock) some surplus can occur:

- For orders <1000m²: quantity deviation ± 10%
- For orders >1000m²: quantity deviation ± 5%

This surplus can be invoiced and delivered.

Length differences

	< 1,000m ² (total m ²)	< 1,000m ² (fixed lengths)	> 1,000 m ²
Produced length differences	5% (min. 5 LM)	10% (min. 5 LM)	5%
Shipped length differences	5%	10%	5%

Roll length

In case of special production, some rolls can be shorter than the defined standard length. All first-choice rolls > 14 meter length will be shipped and invoiced.

Tested and certified



POLYAMIDE IMPREL®

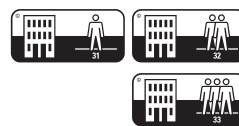
All products of this collection are made from 100% high-quality polyamide 6 IMPREL® fibres for best performance and elasticity.



PRODIS & GUT

All products are tested by independent laboratories on:

- VOC emissions and chemicals (GUT test)
- Usage classification (EN test)



PROFESSIONAL USAGE CLASS

These symbols indicate the three different professional usage classes: Class 31 Medium, Class 32 General Contract, Class 33 Intensive Contract



ADDITIONAL ATTRIBUTES

Antistatic, Suitable for Underfloor Floorheating, Castor Chairs Professional Use, Stairs Professional Use, Anti-Slip, Fastness to Light



THE CE-LOGO

The CE-logo shows that the product is in conformity with the European standards for construction material (EN 14041) and the European requirements for carpets (EN 1307).

Committed to quality



FIRE-RESISTANT

All products offer fire resistance Bfl-s1 (if glued) in accordance with EN 13501-1.



SECURE

Our carpets reduce the risk of slipping.



SUITABLE FOR ALLERGICS

All polyamide products are certified as 'suitable for allergics' by the TÜV Institute.

IMPROVED INDOOR AIR QUALITY

Our carpets take up fine dust and help improve indoor air quality. The German Allergy and Asthma Association, DAAB, recommends carpet as best flooring option to reduce fine dust in house.

ENERGY SAVING

Save heating costs with our energy-saving designs.

IMPROVED INDOOR ACOUSTICS

High impact sound insulation / absorption



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