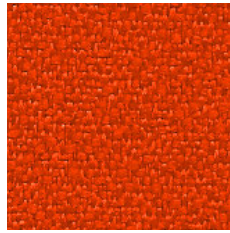
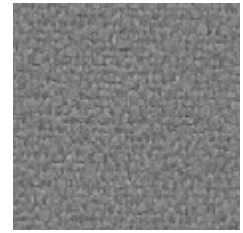


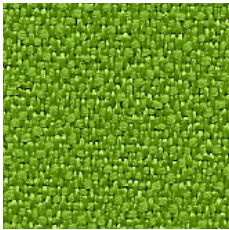
BD 005



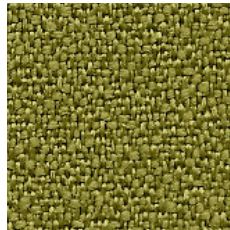
BD 012



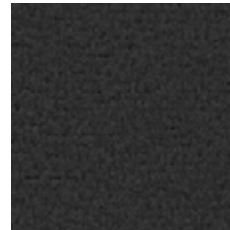
BD 078



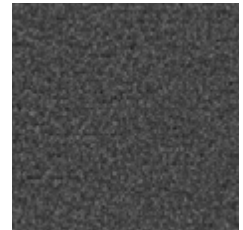
BD 048



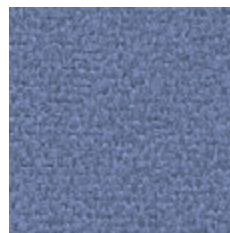
BD 021



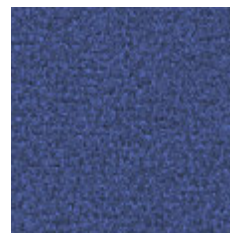
BD 033



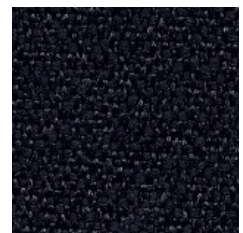
BD 023



BD 003



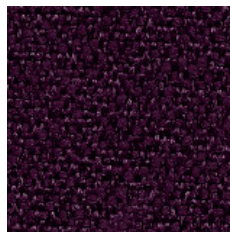
BD 071



BD 006



BD 011



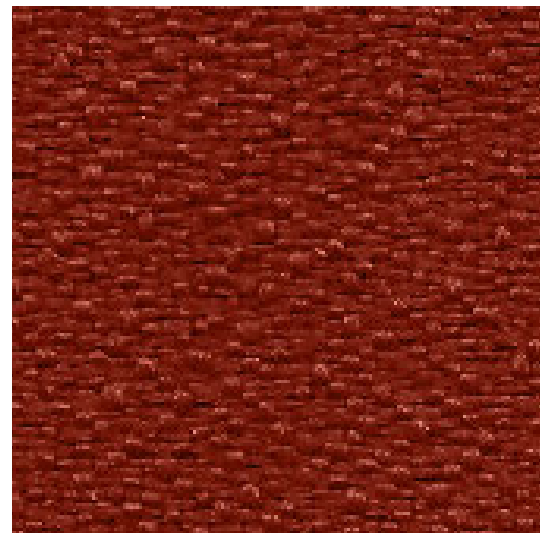
BD 004



BD 008



BD 036



BD 013

- D** – 100% Polyester
- Gewicht 250 g/m<sup>2</sup> +/- 5%
- Scheuerfestigkeit 100 000 +/- 10% Zyklen Martindale (EN ISO 12947-2)
- Fusselbildung 5 (EN ISO 12945-2)
- Lichtechtheit 6 (EN ISO 105-B02)
- Attest über schwere Entflammbarkeit (BS EN 1021-1) (BS EN 1021-2)
- CRIB 5
- BS 7176 Medium Hazard
- 1JM (UNI 9175)

- GB** – 100% polyester
- weight 250 g/m<sup>2</sup> +/- 5%
- abrasion 100 000 +/- 10% cycles Martindale (EN ISO 12947-2)
- resistance to pilling 5 (EN ISO 12945-2)
- light fastness 6 (EN ISO 105-B02)
- non-flammability certificate (BS EN 1021-1) (BS EN 1021-2)
- CRIB 5
- BS 7176 Medium Hazard
- 1JM (UNI 9175)

- PL** – poliester 100%
- waga 250 g/m<sup>2</sup> +/- 5%
- odporność na ścieranie 100 000 +/- 10% cykli Martindale (EN ISO 12947-2)
- odporność na pilling 5 (EN ISO 12945-2)
- odporność na światło 6 (EN ISO 105-B02)
- atest trudnozapałności (BS EN 1021-1) (BS EN 1021-2)
- CRIB 5
- BS 7176 Medium Hazard
- 1JM (UNI 9175)



KA 085



KA 006



KA 210



KA 143



KA 710



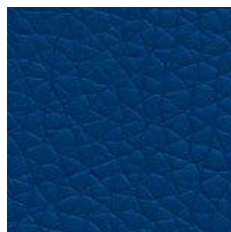
KA 740



KA 250



KA 019



KA 009



KA 050



KA 032



KA 429



KA 035



KA 003



KA 120



KA 755



KA 045

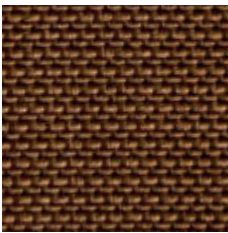


KA 780

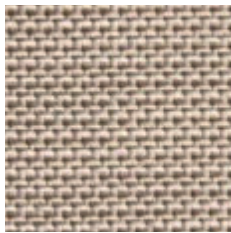
- D**
- Oberfläche: 100% PU,  
Gewebe: 65% Polyester,  
35 % Baumwolle
  - Gewicht 435 g/m<sup>2</sup> +/-5%
  - Scheurefestigkeit >100 000  
Zyklen Martindale  
(EN ISO 12947-1+2)
  - Lichtechtheit >5  
(EN ISO 105 B 02)
  - Fusselbildung 5  
(EN ISO 105-X12)
  - Attest über schwere  
Entflammbarkeit  
(1021-1: BS 5852)

- GB**
- surface: 100% PU,  
basic material:  
65% polyester, 35 % cotton
  - weight 435 g/m<sup>2</sup> +/-5%
  - abrasion >100 000  
cycles Martindale  
(EN ISO 12947-1+2)
  - light fastness >5  
(EN ISO 105 B 02)
  - resistance to pilling 5  
(EN ISO 105-X12)
  - non-flammability certificat  
(1021-1: BS 5852)

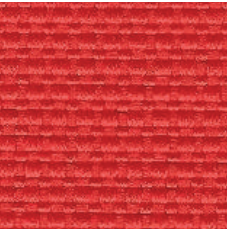
- PL**
- powłoka: 100% PU,  
nośnik: 65% poliester,  
35 % bawełna
  - waga 435 g/m<sup>2</sup> +/-5%
  - odporność na ścieranie >100 000  
cykli Martindale  
(EN ISO 12947-1+2)
  - odporność na światło >5  
(EN ISO 105 B 02)
  - odporność na pilling 5  
(EN ISO 105-X12)
  - atest trudnozapalności  
(1021-1: BS 5852)



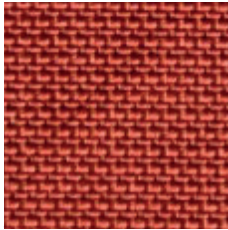
NC 069



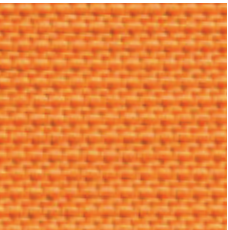
NC 049



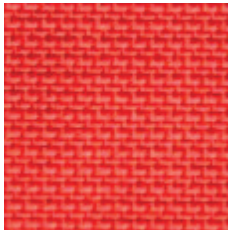
NC 075



NC 072



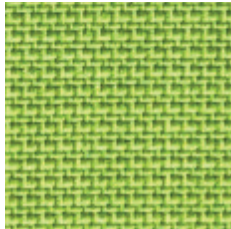
NC 074



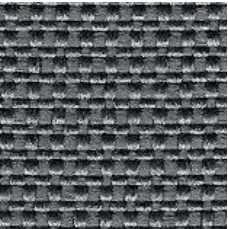
NC 029



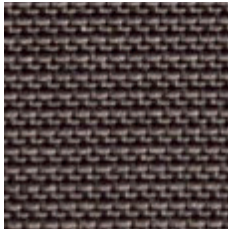
NC 067



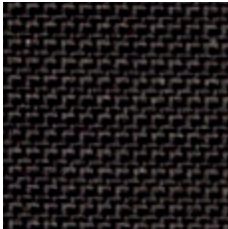
NC 078



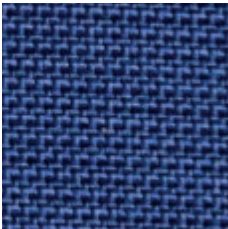
NC 046



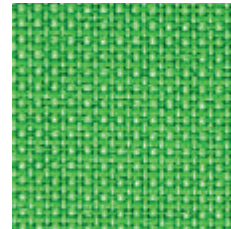
NC 050



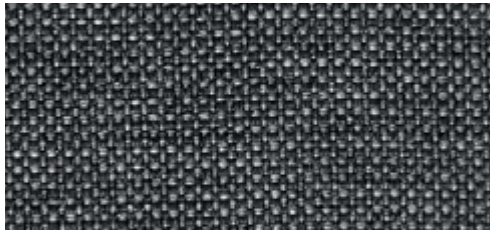
NC 012



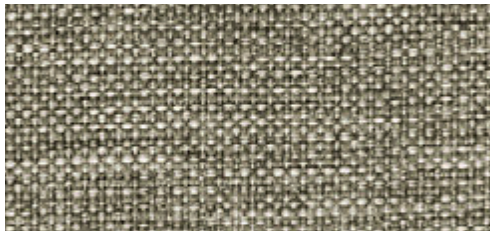
NC 077



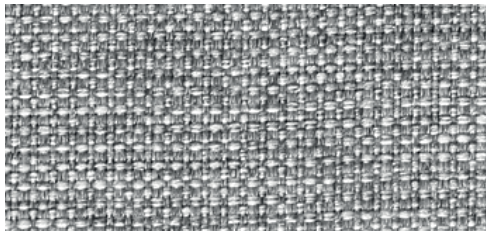
NC 076



NC 550



NC 549



NC 546

**D**

- 100% Polyester
- Rollenbreite: 140 cm
- Gewicht 366 g/m<sup>2</sup> +/- 15 g
- Scheuerfestigkeit 160 000 +/- 5% Zyklen Martindale (PN-EN ISO 12947-2: 2000)
- Fusselbildung 4-5 (PN-EN ISO 12945-2: 2002)
- Lichtbeständigkeit 3-4 (PN - EN ISO 105 - B02: 2013)
- Attest über schwere Entflammbarkeit  
PN - EN 1021-1: 2007  
PN - EN 1021-2: 2007

**GB**

- Polyester 100%
- roll width: 140 cm
- weight 366 g/m<sup>2</sup> +/- 15 g
- abrasion 160 000 +/- 5% cycles Martindale (PN-EN ISO 12947-2: 2000)
- resistance to pilling 4-5 (PN-EN ISO 12945-2: 2002)
- light fastness 3-4 (PN - EN ISO 105 - B02: 2013)
- non-flammability certificate  
PN - EN 1021-1: 2007  
PN - EN 1021-2: 2007

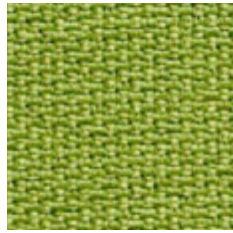
**PL**

- Poliester 100%
- szer. rolki: 140 cm
- waga 366 g/m<sup>2</sup> +/- 15 g
- odporność na ścieranie 160 000 +/- 5% cykli Martindale (PN-EN ISO 12947-2: 2000)
- odporność na pilling 4-5 (PN-EN ISO 12945-2: 2002)
- odporność na światło 3-4 (PN - EN ISO 105 - B02: 2013)
- atest trudnozapałności  
PN - EN 1021-1: 2007  
PN - EN 1021-2: 2007

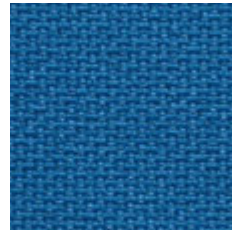




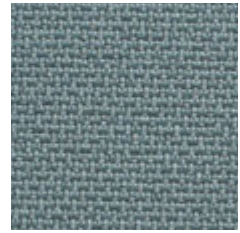
G 0095



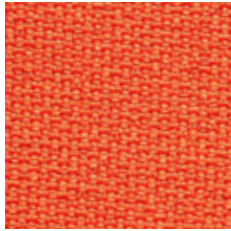
G 0069



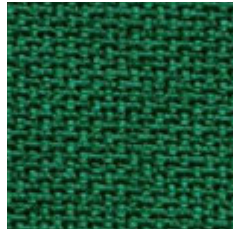
G 0081



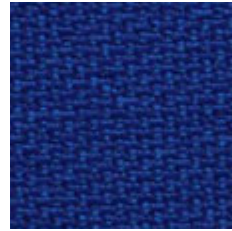
G 0082



G 0044



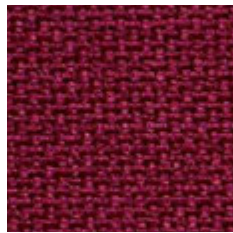
G 0070



G 0682



G 0083



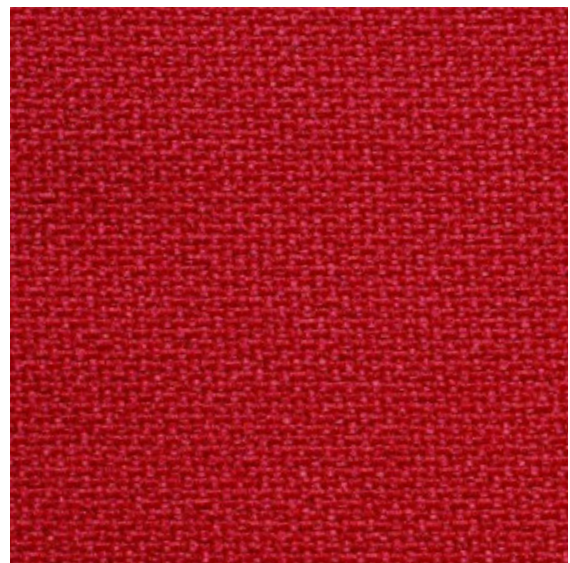
G 0102



G 0683



G 0099



G 0003

- D**
- 100% Polyester
  - Gewicht 365 g/m<sup>2</sup>
  - Scheuerfestigkeit 130 000  
Zyklen Martindale
  - Fusselbildung 4-5  
(EN ISO 12947-2)
  - Lichtechtheit >5  
(EN ISO 105-B02)
  - Attest über schwere  
Entflammbarkeit  
BS EN 1021-1  
BS EN 1021-2  
BS 5852 part 1 (0,1)  
Q1 UK  
UNI 9175 Class 1 JEMME

- GB**
- polyester 100%
  - weight 365 g/m<sup>2</sup>
  - abrasion 130 000  
cycles Martindale
  - resistance to pilling 4-5  
(EN ISO 12947-2)
  - light fastness >5  
(EN ISO 105-B02)
  - non-flammability certificate  
BS EN 1021-1  
BS EN 1021-2  
BS 5852 part 1 (0,1)  
Q1 UK  
UNI 9175 Class 1 JEMME

- PL**
- poliester 100%
  - waga 365 g/m<sup>2</sup>
  - odporność na ścieranie 130 000  
cykli Martindale
  - odporność na pilling 4-5  
(EN ISO 12947-2)
  - odporność na światło >5  
(EN ISO 105-B02)
  - atest trudnozapalności  
BS EN 1021-1  
BS EN 1021-2  
BS 5852 part 1 (0,1)  
Q1 UK  
UNI 9175 Class 1 JEMME





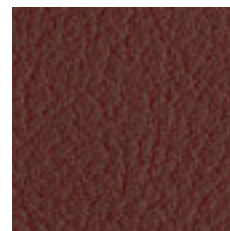
VL 440



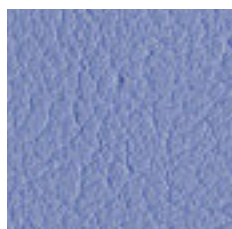
VL 445



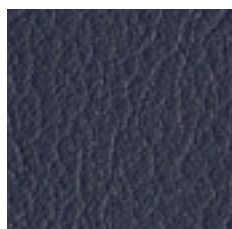
VL 275



VL 262



VL 301



VL 368



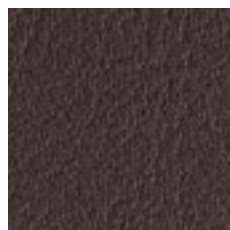
VL 612



VL 619



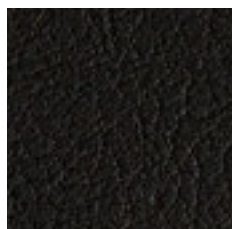
VL 149



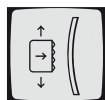
VL 020



VL 501



VL 935



exzellente Abriebfestigkeit  
abrasion resistant  
**odporna na ścieranie**



wasserabweisend  
impermeability  
**wodoodporna**



lichtecht  
UV resistant  
**odporna na promienie UV**



kältebruchresistent  
low temp. resistant  
**odporna na niskie temperatury**



antimikrobiell ausgerüstet  
mildew resistant  
**ochrona przed mikroorganizmami**



flammhemmend ausgerüstet  
flame retardant  
**trudnozapalna**



chemikalienbeständig  
chemical resistant  
**odporna na produkty chemiczne**

**D** Charakteristik:

- antimikrobielle Ausrüstung
- antibakterielle Ausrüstung
- antimykotische Ausrüstung
- hohe Abriebfestigkeit
- schmutzabweisend (Urin, Blut)

**GB** Characteristic:

- antimicrobial protection
- antibacterial protection
- antimycotic protection
- abrasion resistance
- resistance to dirt (Urine, Blood)

**PL** Charakterystyka:

- bariera przed drobnoustrojami
- bariera przeciwbakteryjna
- bariera przeciwgrzybiczna
- odporna na ścieranie
- odporna na zabrudzenia (krwiq, uryng)

**PERMANENT FLAMMHEMMEDE AUSTRÜSUNG / FLAME RETARDANCY / TRUDNOZAPALNOŚĆ**

<p><b>E</b></p> <ul style="list-style-type: none"> <li>• UNE 23.727-90 JR = M2NFP 92503</li> <li>• UNE EN 1021-1/2</li> </ul>	<p><b>GB</b></p> <ul style="list-style-type: none"> <li>• BS EN 1021-1/2</li> </ul>	<p><b>A</b></p> <ul style="list-style-type: none"> <li>• ÖNORM B 3825</li> <li>• ÖNORM B 3800 Teil 1</li> </ul>
<p><b>F</b></p> <ul style="list-style-type: none"> <li>• NF EN 1021-1/2</li> <li>• NF P 92-503/M2</li> </ul>	<p><b>I</b></p> <ul style="list-style-type: none"> <li>• UNI EN 1021-1/2</li> <li>• UNI 9175 (1987) - UNI 9175/FA1 (1994)</li> </ul>	<p><b>INTERNATIONAL</b></p> <ul style="list-style-type: none"> <li>• IMO A 652 (16) 8.2-8.3</li> </ul>
<p><b>D</b></p> <ul style="list-style-type: none"> <li>• DIN EN 1021-1/2</li> <li>• DIN 4102 B2</li> </ul>	<p><b>EU</b></p> <ul style="list-style-type: none"> <li>• EN 1021/2</li> <li>• EN 71-3</li> </ul>	<p><b>USA</b></p> <ul style="list-style-type: none"> <li>• FAR 25.853 b(4) Ap. F Part. 1 (a)(1) (ii)</li> </ul>

PERMABLOCK ist geprüfte Schutzschicht, die eine starke und effektive Barriere gegen die wichtigsten Probleme in der Hotelbranche und Krankenhauswesen ausmacht.

PERMABLOCK garantiert, dass das bezogene Produkt über einen längeren Zeitraum genutzt werden kann.

Man sollte Öle und starke Reinigungsmittel vermeiden. Sie können die Oberfläche des Stoffes beschädigen. Diese Beschädigung kann Entfernen von Weichmachern verursachen und zu Verhärtung des Stoffes führen.

Farbstoffe und Pigmente können Vinyl verfärben, insbesondere Textilien, die starke Pigmente beinhalten (wie Jeanshosen, Westen, Gürtel), welche völlig nicht entfernt werden können.

- Oberfläche - 100% Vinyl, Gewebe - 100% Polyester Hi-Loft 2TM
- Gewicht 650 g/m
- Scheuerfestigkeit<sup>2</sup> > 300 000
- Zyklen Martindale UNE EN 14465:2004
- Lichtechtheit > 5 EN ISO 105-B02
- Zigaretten- und Streichholztest (Normen in der Tabelle)

PERMABLOCK is a proven vinyl protective coating, engineered to create a tough, effective barrier against the biggest problems encountered in contract, healthcare and hospitality environments.

PERMABLOCK guarantees a long life for the upholstered article, long term use of the material and a consequent high retained value of your purchase.

Avoid contact with oils, fats or aggressive substances (e.g. strong household cleaners). These may damage the surface and consequently the extraction of plasticizers and consequently a rigidification of the material.

Dyestuffs and colorants may discolor vinyl. Especially textiles can contain strong colorants (e.g. Jeans, Jackets or Belts) which possibly cannot be removed completely.

- surface - 100% vinyl, basic material - 100% polyester Hi-Loft 2TM
- weight 650 g/m
- abrasion > 300 @00 cycles Martindale UNE EN 14465:2004
- light fastness > 5 EN ISO 105-B02
- non-flammability certificate (Norms in the table)

PERMABLOCK to sprawdzona powłoka chroniąca winyl, która tworzy mocną i skuteczną barierę przed największymi problemami występującymi w branży hotelarskiej i służbie zdrowia.

PERMABLOCK gwarantuje, że tapicerowany produkt i materiał będą mogły być używane przez długi czas, dzięki czemu zakupiony produkt zachowa wysoką wartość.

Należy unikać olejów, tłuszczu i substancji agresywnych (np. silne domowe środki czyszczące). Mogą one zniszczyć powierzchnię materiału. Zniszczenie materiału może doprowadzić do usunięcia plastyfikatorów i w rezultacie do stwardnienia materiału.

Barwniki i pigmenty mogą odbarwiać winyl. W szczególności materiały tekstylne mogą zawierać silne pigmenty (np. jeansy, kamizelki czy paski), których nie można całkowicie usunąć.

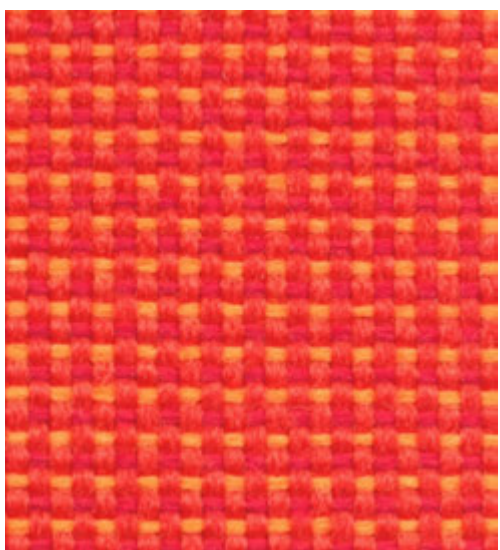
- powłoka - 100% winyl, nośnik - 100% poliester Hi-Loft 2TM
- waga 650 g/m
- odporność na ścieranie > 300 000 cykli Martindale UNE EN 14465:2004
- odporność na światło > 5 EN ISO 105-B02
- atest trudnozapałności (normy w ramce powyżej)

Vorgestellte Farbgebung ist kein Angebot im Sinne der Rechtsvorschriften  
The colours presented do not constitute an offer within the meaning of the law  
Przedstawiona kolorystyka nie stanowi oferty w rozumieniu prawa

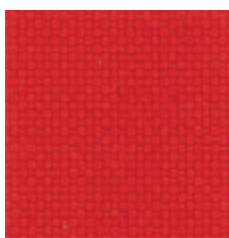
VALENCIA 

trevira CS

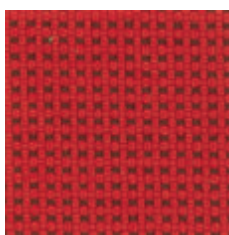
PASTEL 



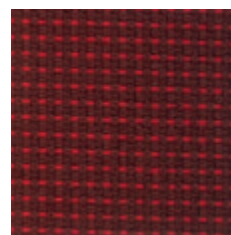
PA 515



PA 010



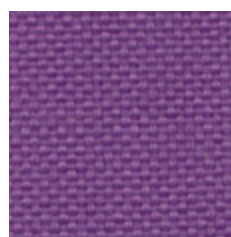
PA 510



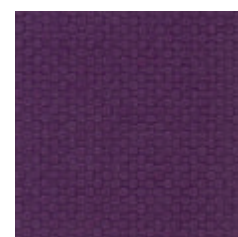
PA 511



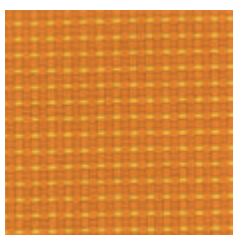
PA 015



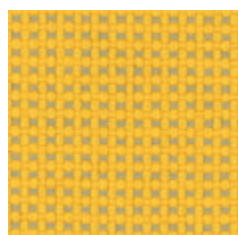
PA 025



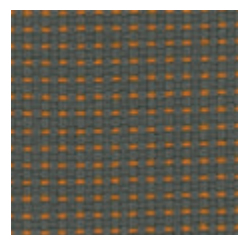
PA 020



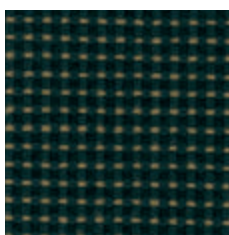
PA 516



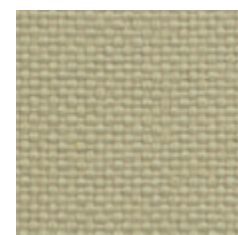
PA 517



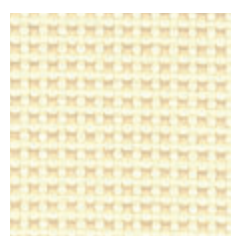
PA 531



PA 533



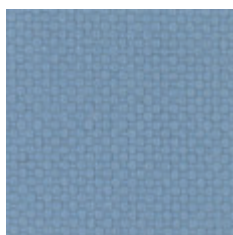
PA 030



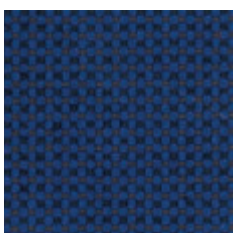
PA 534



PA 532



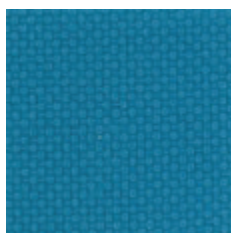
PA 045



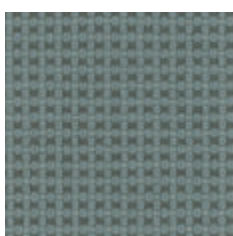
PA 541



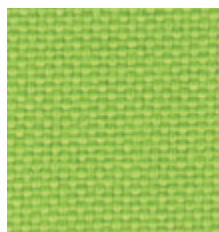
PA 040



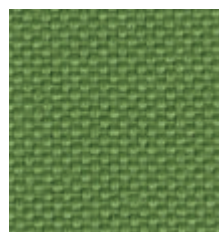
PA 050



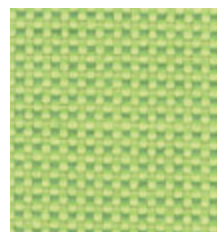
PA 555



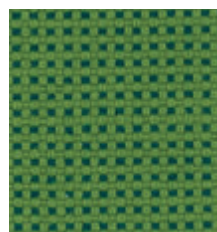
PA 060



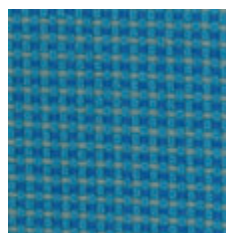
PA 065



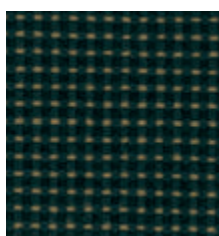
PA 560



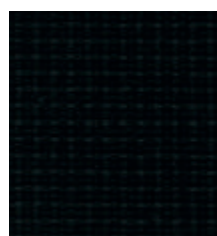
PA 565



PA 550



PA 571



PA 570

- D** – 100% Polyestere
- Trevira CS
- Gewicht 260 ± 5% g/m<sup>2</sup>
- Scheuerfestigkeit 80 000 ± 5%  
Zyklen Martindale  
(EN ISO 12947)
- Fusselbildung 5  
(EN ISO 12945)
- Lichtechtheit 6  
(EN ISO 105-B02)
- Attest über schwere  
Entflammbarkeit  
EN 1021-1  
EN 1021-2  
Crib 5  
BS 7176 Medium Hazard  
C1  
M1  
B1  
IMO A 652(16)  
IMO A 471 (XII)

- GB** – 100% Polyester
- Trevira CS
- weight 260 ± 5% g/m<sup>2</sup>
- abrasion 80 000 ± 5%  
cycles Martindale  
(EN ISO 12947)
- resistance 5  
(EN ISO 12945)
- light fastness 6  
(EN ISO 105-B02)
- non-flammability  
certificate  
EN 1021-1  
EN 1021-2  
Crib 5  
BS 7176 Medium Hazard  
C1  
M1  
B1  
IMO A 652(16)  
IMO A 471 (XII)

- PL** – poliester 100% – Trevira CS
- waga 260 ± 5% g/m<sup>2</sup>
- odporność na ścieranie  
80 000 ± 5%  
cykli Martindale  
(EN ISO 12947)
- odporność na pilling 5  
(EN ISO 12945)
- odporność na światło 6  
(EN ISO 105-B02)
- atest trudnozapałności  
EN 1021-1  
EN 1021-2  
Crib 5  
BS 7176 Medium Hazard  
C1  
M1  
B1  
IMO A 652(16)  
IMO A 471 (XII)



DO WYCZERPANIA ZAPASÓW !



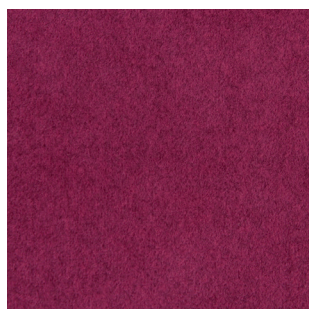
LN 010



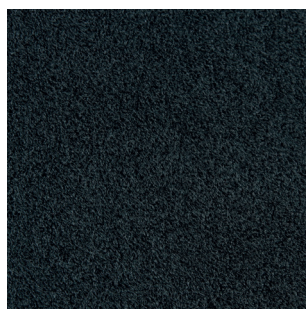
LN 004



LN 009



LN 008



LN 002



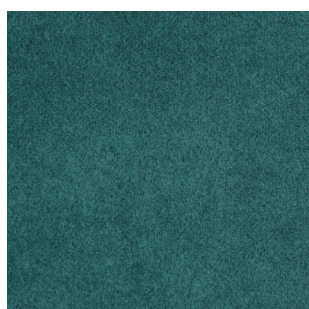
LN 003



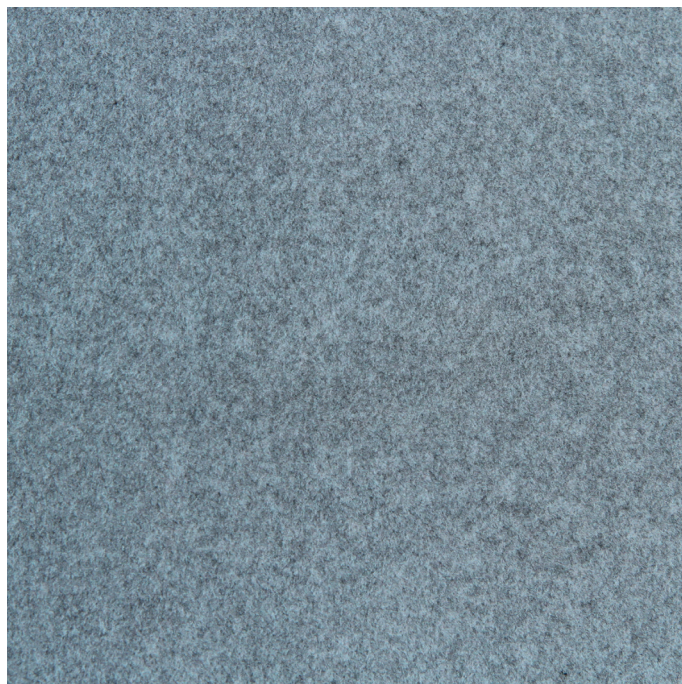
LN 001



LN 006



LN 007



LN 005

**EASY**  
care\***100%**  
breathable**REACH**  
conform**STAIN**  
resistant\***100%**  
durable**100%**  
soft

- D** - Oberfläche: 100% PA -  
Poliamid  
Gewebe: Polyester 65%,  
Baumwolle 35%  
- Rollenbreite: 140 cm  
- Gewicht 270 g/m<sup>2</sup>  
(min. 265g/m<sup>2</sup>)  
- Scheuerfestigkeit  
500 000 +/- 10%  
Zyklen Martindale  
(EN ISO 12947-2)  
- Fusselbildung 5  
(EN ISO 12945-2)  
- Lichtbeständigkeit 5  
(EN ISO 105 - B02)  
- Attestüber schwere  
EN 1021: 2014 -1

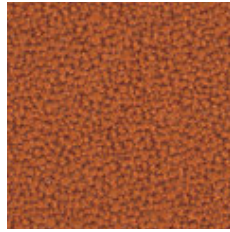
- GB** - surface: 100% PA - poliamide  
basic material: polyester 65%,  
cotton 35%  
- roll width: 140 cm  
- weight 270 g/m<sup>2</sup>  
(min. 265 g/m<sup>2</sup>)  
- abrasion 500 000 cycles  
+/- 10% Martindale  
(EN ISO 12947-2)  
- resistance to pilling 5  
(EN ISO 12945-2)  
- light fastness 5  
(EN ISO 105 - B02)  
- non-flammability certificate  
EN 1021: 2014 -1

- PL** - powłoka: 100% PA - poliamid  
nośnik: poliester 65%,  
bawełna 35%  
- szer. rolki: 140 cm  
- waga 270 g/m<sup>2</sup>  
(min. 265 g/m<sup>2</sup>)  
- odporność na ścieranie  
500 000 +/- 10% cykli  
Martindale (EN ISO 12947-2)  
- odporność na pilling 5  
(EN ISO 12945-2)  
- odporność na światło 5  
(EN ISO 105 - B02)  
- atest trudnozapałności  
EN 1021: 2014 -1

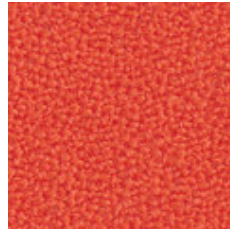
\* according to cleaning specification

Vorgestellte Farbgebung ist kein Angebot im Sinne der Rechtsvorschriften  
The colours presented do not constitute an offer within the meaning of the law  
Przedstawiona kolorystyka nie stanowi oferty w rozumieniu prawa

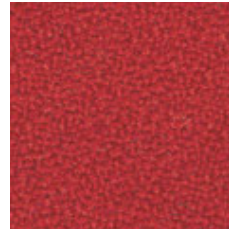
**LANA**



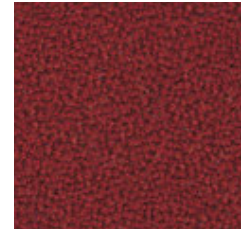
JA 068



JA 428



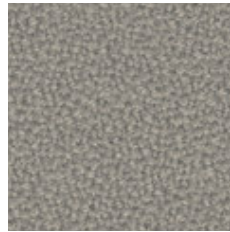
JA 027



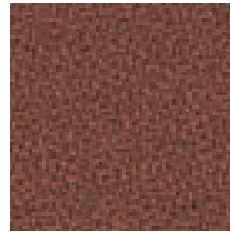
JA 062



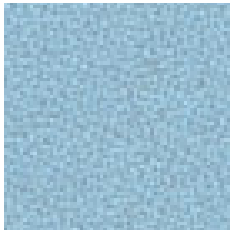
JA 409



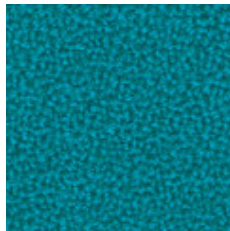
JA 125



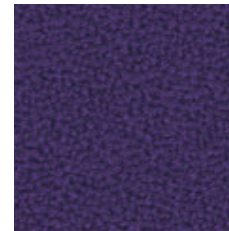
JA 508



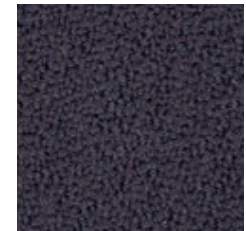
JA 510



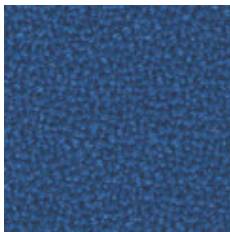
JA 194



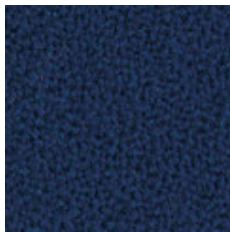
JA 157



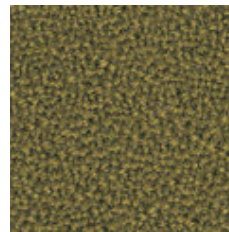
JA 061



JA 015



JA 435



JA 169



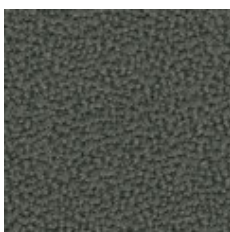
JA 443



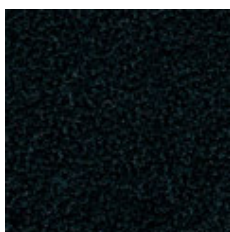
JA 416



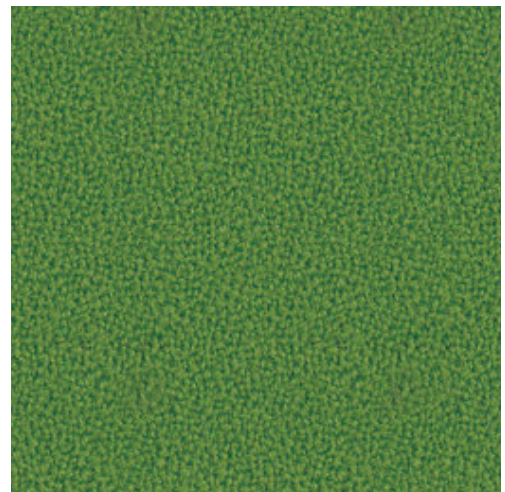
JA 022



JA 001



JA 002



JA 442



- D**
- Wolle 100%
  - Gewicht 370 g/m<sup>2</sup> +/-5%
  - Scheuerfestigkeit 60 000 Zyklen Martindale (B5 5690)
  - Fusselbildung >4 BS:EN ISO 12945-2:2000
  - Attest über schwere Entflammbarkeit (BS EN 1021-1) (BS EN 1021-2) BS7176:2007 Low Hazard UNI 9175 (1987) UNI 9175/FA1 (1994) IM

- GB**
- 100% wool
  - weight 370 g/m<sup>2</sup> +/-5%
  - abrasion 60 000 cycles Martindale (B5 5690)
  - resistance to pilling >4 BS:EN ISO 12945-2:2000
  - non-flammability certificate (BS EN 1021-1) (BS EN 1021-2) BS7176:2007 Low Hazard UNI 9175 (1987) UNI 9175/FA1 (1994) IM

- PL**
- wełna 100%
  - waga 370 g/m<sup>2</sup> +/-5%
  - odporność na ścieranie 60 000 cykli Martindale (B5 5690)
  - odporność na pilling >4 BS:EN ISO 12945-2:2000
  - atest trudnozapalności (BS EN 1021-1) (BS EN 1021-2) BS7176:2007 Low Hazard UNI 9175 (1987) UNI 9175/FA1 (1994) IM

TEXTILES bring **COLOUR**  
100% LANEVE™ wool

BLAZER



CUZ39



CUZ90



CUZ14



CUZ31



CUZ18



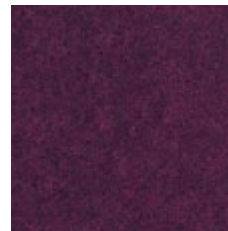
CUZ63



CUZ1L



CUZ1K



CUZ32



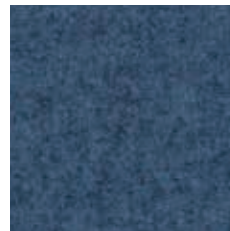
CUZ27



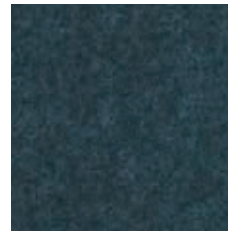
CUZ02



CUZ1R



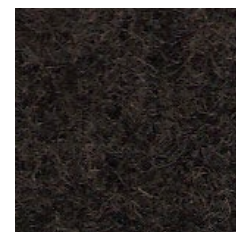
CUZ1W



CUZ62



CUZ09



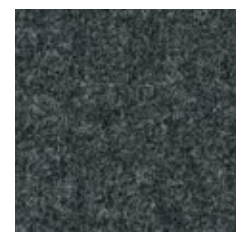
CUZ67



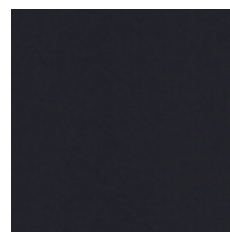
CUZ12



CUZ28



CUZ30



CUZ08



CUZ1E

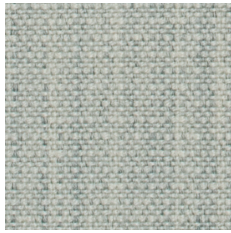
Blazer is made from 100% LANEVE™ wool, sustainably produced and traceable right back to individual farms Banks Peninsula Growers on South Island, New Zealand. Laneve promises wool integrity and complete chain of custody from identifiable farm to finished

- D**
- Schurwolle 100%
  - Gewicht 460 g/m<sup>2</sup> +/-5%
  - Rollenbreite: 140 cm
  - Scheuerfestigkeit 50 000 Zyklen Martindale
  - Fusselbildung >4  
BS: EN ISO 12945-2 (2000)
  - Lichtechtheit 5  
(ISO 105-B02: 2014)
  - Attest über schwere Entflammbarkeit  
BS EN 1021 - 1:2014  
BS EN 1021 - 2:2014  
BS7176:2007 Low Hazard

- GB**
- 100% virgin wool
  - weight 460 g/m<sup>2</sup> +/-5%
  - roll width: 140 cm
  - abrasion 50 000 cycles Martindale
  - resistance to pilling >4  
BS: EN ISO 12945-2 (2000)
  - Light fastness 5  
(ISO 105-B02: 2014)
  - non-flammability certificate  
BS EN 1021 - 1:2014  
BS EN 1021 - 2:2014  
BS7176:2007 Low Hazard

- PL**
- wełna 100%
  - waga 460 g/m<sup>2</sup> +/-5%
  - szer. rolki: 140 cm
  - odporność na ścieranie 50 000 cykli Martindale
  - odporność na pilling >4  
BS: EN ISO 12945-2 (2000)
  - odporność na światło 5  
(ISO 105-B02: 2014)
  - atest trudnozapałności  
BS EN 1021 - 1:2014  
BS EN 1021 - 2:2014  
BS7176:2007 Low Hazard

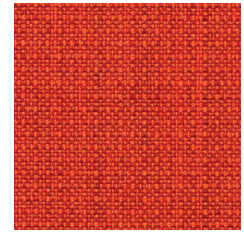




CS 031



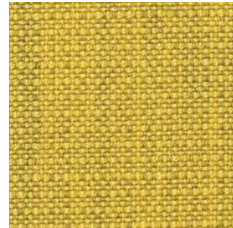
CS 033



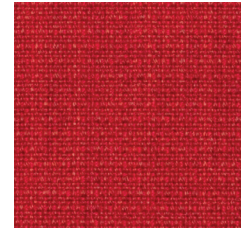
CS 430



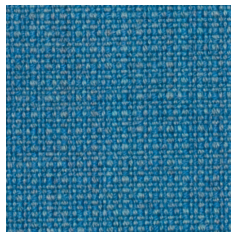
CS 032



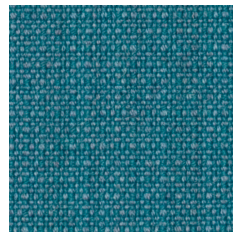
CS 202



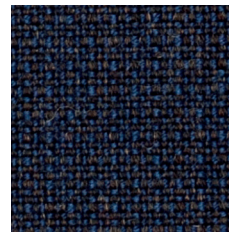
CS 432



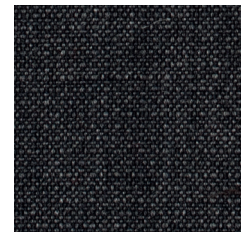
CS 601



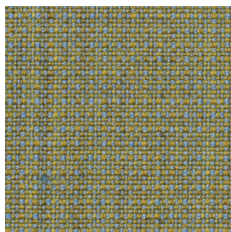
CS 602



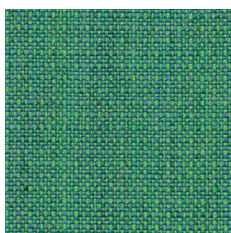
CS 125



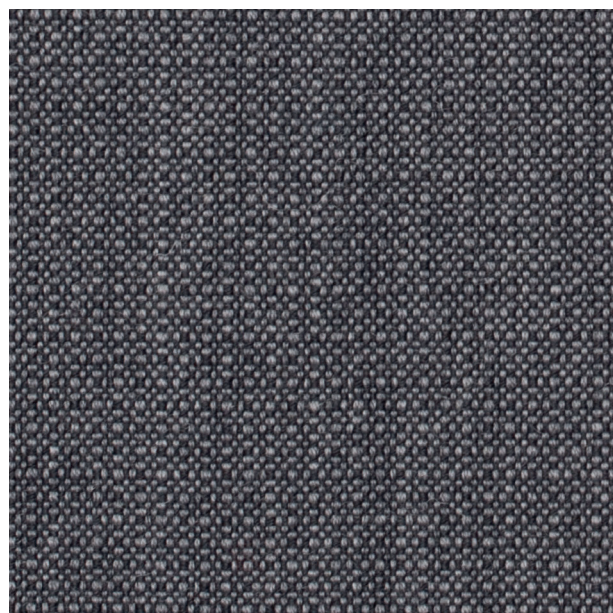
CS 013



CS 201



CS 605



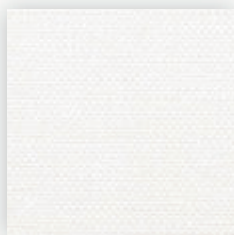
CS 022

- D**
- 93% Schurwolle, 7% poliamid
  - Gewicht 328 g/m<sup>2</sup>
  - Rollenbreite: 140 cm
  - Scheuerfestigkeit 200 000 Zyklen Martindale (EN ISO 12947-2)
  - Fusselbildung 4-5 (EN ISO 12945-2)
  - Lichtbeständigkeit 5-7 (EN ISO 105 - B02)
  - Abrieffestigkeit 4-5 (EN ISO 105 x 12 (nass/trocken))
  - Entzündlichkeit EN 1021 1&2, BS 5852 0&1, Calif. Bull. 117-E Klasse 1, IMO MS c 307(88) Annex 1 Parte 8, Zertifikat MED IMO

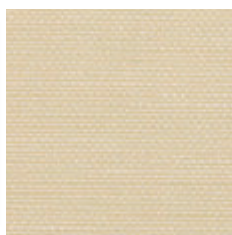
- GB**
- 93% wool, 7% polyamid
  - weight 328 g/m<sup>2</sup>
  - roll width: 140 cm
  - abrasion 200 000 cycles Martindale (EN ISO 12947-2)
  - resistance to pilling 4-5 (EN ISO 12945-2)
  - light fastness 5-7 (EN ISO 105 - B02)
  - rubbing fastness 4-5 (EN ISO 105 x 12 (wet/dry))
  - non-flammability certificate: EN 1021 1&2, BS 5852 0&1, Calif. Bull. 117-E class 1, IMO MS c 307(88) Annex 1 part 8, MED certificate IMO

- PL**
- 93% wełna, 7% poliamid
  - waga 328 g/m<sup>2</sup>
  - szer. rolki: 140 cm
  - odporność na ścieranie 200 000 cykli Martindale (EN ISO 12947-2)
  - odporność na pilling 4-5 (EN ISO 12945-2)
  - odporność na światło 5-7 (EN ISO 105 - B02)
  - odporność na ścieranie 4-5 (EN ISO 105 x 12 (mokry/suchy))
  - atest trudnozapałności EN 1021 1&2, BS 5852 0&1, Calif. Bull. 117-E klasa 1, IMO MS c 307(88) aneks 1 część 8, certyfikat MED IMO

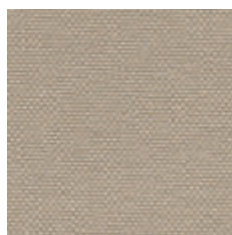




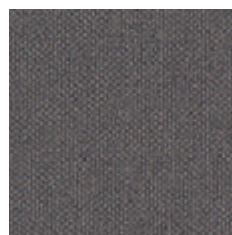
SV 404



SV 151



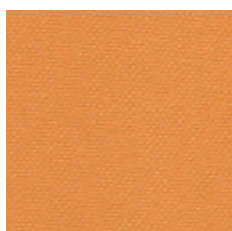
SV 009



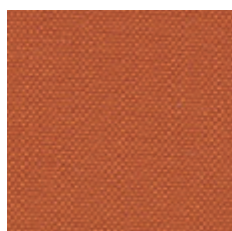
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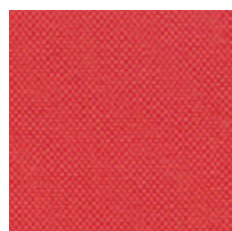
SV 065



SV 622



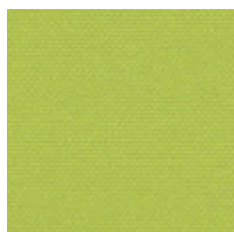
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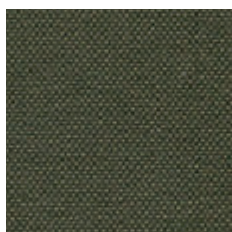
SV 211



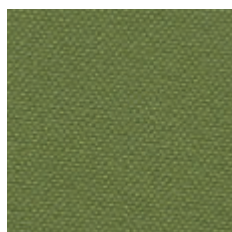
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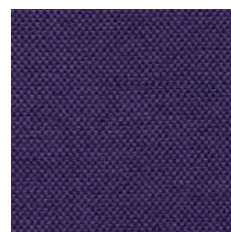
SV 508



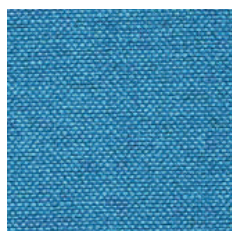
SV 020



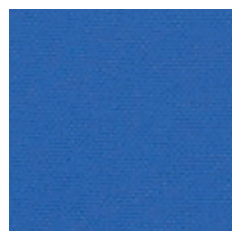
SV 010



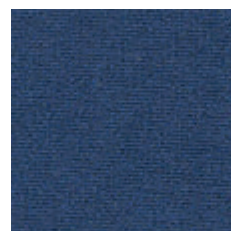
SV 071



SV 031



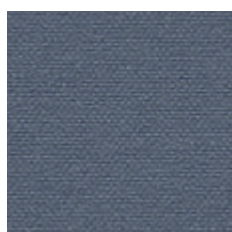
SV 067



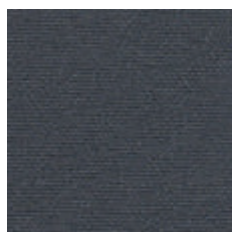
SV 307



SV 401



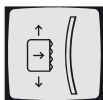
SV 402



SV 902



SV 091



exzellente Abriebfestigkeit  
abrasion resistant  
**odporna na ścieranie**



antimikrobiell ausgerüstet (Mikroorganismen, Bakterien, Pilzen, Blut, Urin)  
mildew resistant (microorganisms, bacteria, mycotic, blood, urine)  
**ochrona przed mikroorganizmami (drobnoustroje, bakterie, grzyby, krew, uryna)**



wasserabweisend  
impermeability  
**wodoodporna**



flammhemmend ausgerüstet  
flame retardant  
**trudnozapalna**



lichtecht  
UV resistant  
**odporna na promienie UV**



chemikalienbeständig  
chemical resistant  
**odporna na produkty chemiczne**



kältebruchresistent  
low temp. resistant  
**odporna na niskie temperatury**

### PERMANENT FLAMMHEMMENDE AUSTRÜSUNG / FLAME RETARDANCY / TRUDNOZAPALNOŚĆ

<p><b>E</b> • UNE 23.727-90 IR/M2 • UNE EN 1021-1/2</p> <p><b>F</b> • NF EN 1021-1/2 • NF P 92-503/M2</p> <p><b>D</b> • DIN EN 1021-1/2 • DIN 4102 B2</p>	<p><b>GB</b> • BS EN 1021-1/2</p> <p><b>I</b> • UNI EN 1021-1/2 • UNI 9175 (1987) - UNI 9175/FA1 (1994)</p> <p><b>EU</b> • EN 1021/2 • EN 71-2</p>	<p><b>A</b> • ÖNORM B 3825 • ÖNORM B 3800 Teil 1</p> <p><b>INTERNATIONAL</b> • IMO A 652 (16) 8.2-8.3</p> <p><b>USA</b> • FMVSS 302</p>
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PERMABLOCK und SILVER GUARD ist gepüfte Schutzschicht, die eine starke undefektive Barriere gegen die wichtigsten Probleme in der Hotelbranche und Krankenhauswesen ausmacht.

SILVER GUARD – umweltfreundliches und antibakterielles Material auf Basis von Silberpartikeln, die effektiv durch Bakterien verursachte Gerüche und Flecken verhindern.

Man sollte Öle und starke Reinigungsmittel vermeiden. Sie können die Oberfläche des Stoffes beschädigen. Diese Beschädigung kann Entfernen von Weichmachern verursachen und zu Verhärtung des Stoffes führen.

Farbstoffe und Pigmente können Vinyl verfärben, insbesondere Textilien, die starke Pigmente beinhalten (wie Jeanshosen, Westen, Gürtel), welche völlig nicht entfernt werden können.

PERMABLOCK and SILVER GUARD is a proven vinyl protective coating, engineered to create a tough, effective barrier against the biggest problems encountered in contract, healthcare and hospitality environments.

SILVERGUARD® is a natural environmentally friendly bacteria-fighting defense to inhibit odor and stain causing bacteria.

Avoid contact with oils, fats or aggressive substances (e.g. strong household cleaners). These may damage the surface of the material. Damages in the surface may lead to the extraction of plasticizers and consequently a rigidification of the material.

Dyestuffs and colorants may discolor vinyl. Especially textiles can contain strong colorants (e.g. Jeans, Jackets or Belts) which possibly cannot be removed completely.

PERMABLOCK i SILVER GUARD to sprawdzona powłokochroniąca winyl, która tworzy mocną i skuteczną barierę przed największymi problemami występującymi w branży hotelarskiej i służbie zdrowia.

SILVER GUARD – przyjazny dla środowiska naturalnego środek przeciwbakteryjny na bazie jonów srebra skutecznie niwelujący zapachy i plamy powodowane przez bakterie.

Należy unikać olejów, tłuszczy i substancji agresywnych (np. silne domowe środki czyszczące). Mogą one zniszczyć powierzchnię materiału. Zniszczenie materiału może doprowadzić do usunięcia plastifikatorów i w rezultacie do stwardnienia materiału.

Barwniki i pigmenty mogą odbarwiać winyl. W szczególności materiały tekstylne mogą zawierać silne pigmenty (np. jeansy, kamizelki czy paski), których nie można całkowicie usunąć.

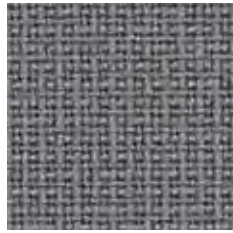
**D** – Oberfläche – 100% Vinyl,  
Gewebe – 100% Polyester  
Hi-Loft<sup>2</sup>  
– Gewicht 685 g/m<sup>2</sup>  
– Scheuerfestigkeit 300 000  
Zyklen Martindale  
EN 12947:1999 Part 2  
– Lichtechtheit ≥ 7  
– Zigaretten- und  
Streichholztest  
(Normen in der Tabelle)

**GB** – surface – 100% vinyl,  
basic material – 100%  
polyester  
Hi-Loft<sup>2</sup>  
– weight 685 g/m<sup>2</sup>  
– abrasion 300 000  
cycles Martindale  
EN 12947:1999 Part 2  
– light fastness ≥ 7  
– non-flammability certificate  
(Norms in the table)

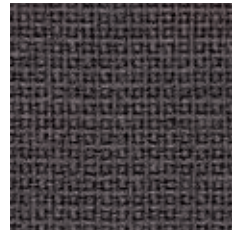
**PL** – powłoka – 100% winyl,  
nośnik – 100% poliester  
Hi-Loft<sup>2</sup>  
– waga 685 g/m<sup>2</sup>  
– odporność na ścieranie  
300 000 cykli Martindale  
EN 12947:1999 Part 2  
– odporność na światło ≥ 7  
– atest trudnozapalności  
(normy w ramce powyżej)

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SILVERTEX



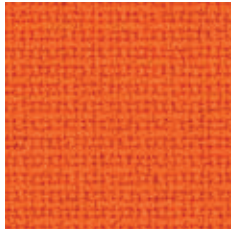
F 0078



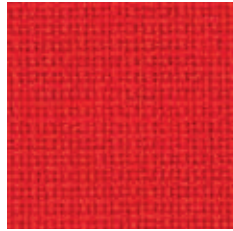
F 0019



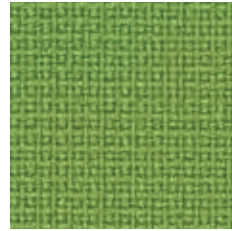
F 0099



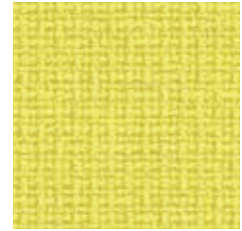
F 3016



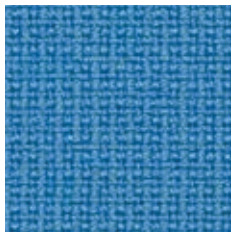
F 4119



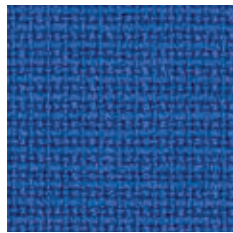
F 8035



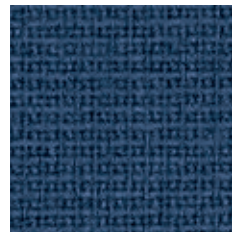
F 2067



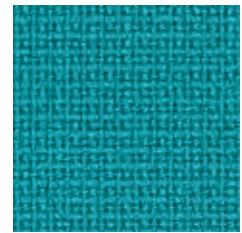
F 6118



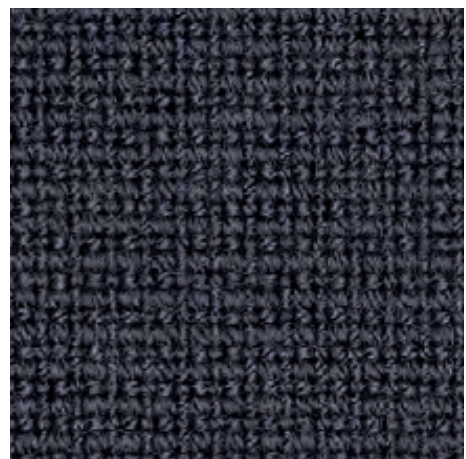
F 6075



F 6071



F 7016



F 0017



- D**
- 95% Schurwolle, 5% Polyamid
  - Gewicht 450 g/m<sup>2</sup>
  - Rollenbreite: 140 cm
  - Scheuerfestigkeit 200 000 Zyklen Martindale
  - Fusselbildung 4 (EN ISO 12945-2)
  - Lichtbeständigkeit 5-7 (EN ISO 105 - B02)
  - Abrieffestigkeit 4-5 (EN ISO 105 x 12 (nass/trocken))
  - Entzündlichkeit EN 1021 P 1&2 (Zigaretten, Streichholztest) BS 5852 (Crib 5) BS 5852 O&1 UNI 9175 Klasse 1 IM Calif. Bull. 117-E Klasse 1
  - Reinigung - Trockenreinigung

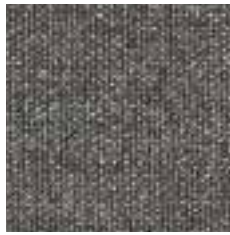
- GB**
- 95% wool, 5% polyamide
  - weight 450 g/m<sup>2</sup>
  - roll width: 140 cm
  - abrasion 200 000 cycles Martindale (EN ISO 12947-2)
  - resistance to pilling 4 (EN ISO 12945-2)
  - light fastness 5-7 (EN ISO 105 - B02)
  - rubbing fastness 4-5 (EN ISO 105 x 12 (wet/dry))
  - non-flammability certificate: EN 1021 P 1&2 (cigarette, match) BS 5852 (Crib 5) BS 5852 O&1 UNI 9175 class 1 IM Calif. Bull. 117-E class 1
  - cleaning - dry cleaning

- PL**
- 95% wełna, 5% poliamid
  - waga 450 g/m<sup>2</sup>
  - szer. rolki: 140 cm
  - odporność na ścieranie 200 000 cykli Martindale (EN ISO 12947-2)
  - odporność na pilling 4 (EN ISO 12945-2)
  - odporność na światło 5-7 (EN ISO 105 - B02)
  - odporność na ścieranie 4-5 (EN ISO 105 x 12 (mokry/suchy))
  - atest trudnozapałności EN 1021 P 1&2 (papieros, zapalnik) BS 5852 (Crib 5) BS 5852 O&1 UNI 9175 class 1 IM Calif. Bull. 117-E class 1
  - czyszczenie - na sucho

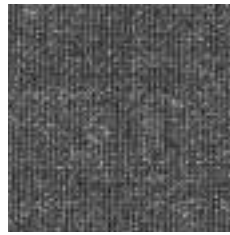




RX 912



RX 163



RX 173



RX 393



RX 733



RX 123



RX 412



RX 753



RX 762



RX 643



RX 543



RX 433



RX 942



- D**
- **Anwendungsbereich:** Büros, Hotels, Objectbereich, privaten Wohnbereich. Hohe Strapazierfähigkeit
  - **Zusammensetzung:** 90% Schurwolle, 10% nylon (Wolle mit erhöhter Widerstandsfähigkeit)
  - **Gewicht:** Ungefähr 415 g/lin.m  
Reinigung: Staubsaugen und Reinigung
  - **Scheuerfähigkeit:** Ungefähr 100.000 Martindale rubs, EN ISO 12947
  - **Fusselbildung:** Note 3-4, EN ISO 12945
  - **Lichtechtheit:** Note 5-7, ISO 105-B02
  - **Flammwidrigkeit:** EN 1021-1/2. BS 5852 Zündquelle 2-3. ÖNORM B1/Q1. NF D 60 013. UNI 9175 11M. US Cal. Tech. Bull. 117. AS/NZS 3837 Klasse 2. Sec. E, IMO A.652(16).(Crib 5 und B2 (bei schwerentflammbare Ausrüstung))

- GB**
- **Application:** Offices, hotels, institutions, domestic use. Great durability.
  - **Composition:** 90% new wool, worsted; 10% nylon
  - **Weight:** Approximately 415 g/lin.m
  - **Cleaning:** Vacuuming and dry cleaning
  - **Abrasion:** Approximately 100.000 Martindale rubs, EN ISO 12947
  - **Pilling:** Note 3-4, EN ISO 12945
  - **Lightfastness:** Note 5-7, ISO 105-B02
  - **Flame resistance:** EN 1021-1/2. BS 5852 ignition source 2-3. ÖNORM B1/Q1. NF D 60 013. UNI 9175 11M. US Cal. Tech. Bull. 117. AS/NZS 3837 class 2. Sec. E, IMO A.652(16).(Crib 5 and B2 (when flame protected))

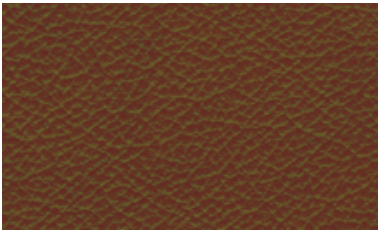
- PL**
- **Zastosowanie:** Biura, hotele, instytucje, domy/mieszkania. Wysoka trwałość.
  - **Skład:** 90% wełna, 10% nylon (Wełna o podwyższonej wytrzymałości)
  - **Waga:** ok. 415 g/m<sup>2</sup>
  - **Czyszczenie:** odkurzanie i czyszczenie chemiczne
  - **Odporność na ścieranie:** 100.000 Martindale rubs, EN ISO 12947
  - **Odporność na pilling:** Note 3-4, EN ISO 12945
  - **Odporność na światło:** Note 5-7, ISO 105-B02
  - **Atest trudnopalności:** EN 1021-1/2. BS 5852 źródło zapłonu 2-3. ÖNORM B1/Q1. NF D 60 013. UNI 9175 11M. US Cal. Tech. Bull. 117. AS/NZS 3837 klasa 2. Sec. E, IMO A.652(16).(Crib 5 i B2 (po uniepalnieniu))



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edycja: 09.2014





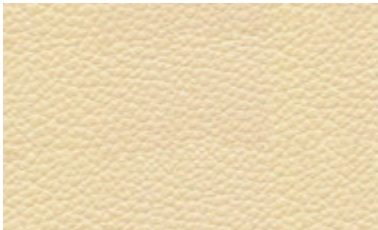
B-478



S-100



S-154



S-336



C-181



B-5458



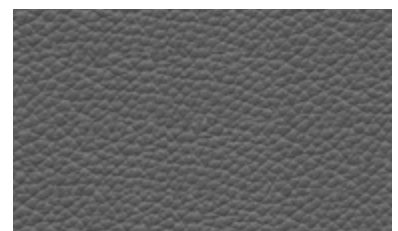
S-233



black



S-white



antracyt

- D**
- Groesse Ca. 4,2 m
  - Dicke >0,9 mm – 1,1 mm
  - Reibungstest nass >250  
BS EN ISO 11640: 1998
  - Reibungstest trocken >500  
(EN ISO 11640:1998)
  - Flexometry > 50 000 Zyklen  
BS EN ISO 5402:2002
  - PCP und CFC bei Gerben wurden nicht verwendet
  - Es koennen kleine Unterschiede in der Faerbung hervortreten
  - Zigaretten- und Streichholztest  
1021-1:2006  
1021-2:2006

- GB**
- size Ca. 4,2 sqm
  - thickness >0,9 mm – 1,1 mm
  - wet rub tests >250  
BS EN ISO 11640: 1998
  - dry rub tests >500  
(EN ISO 11640:1998)
  - flexometry > 50 000 cycles  
BS EN ISO 5402:2002
  - no PCP or CFC used during tanning process
  - natural colour variations may occur
  - non-flammability certificate  
1021-1:2006  
1021-2:2006

- PL**
- wielkość błamu około 4,2 m
  - grubość >0,9 mm – 1,1 mm
  - test tarcia na mokro >250<sub>2</sub>  
BS EN ISO 11640: 1998
  - test tarcia na sucho >500  
(EN ISO 11640:1998)
  - zginanie > 50 000 cykli  
BS EN ISO 5402:2002
  - nie stosowano PCP i CFC podczas procesu garbowania
  - mogą występować niewielkie różnice w odcieniu i strukturze
  - atest trudnozapałności  
1021-1:2006  
1021-2:2006

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LEDER / LEATHER / SKÓRA

