

LEADER
CONTRACT

FABRICS & FINISHES

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ALKIMIA

SERIE 1

TECHNICAL DETAILS

Composition:
91,2% PES (Polyester) - 8,8% CO (Cotton)

Weight: ±552gr/m²

Abrasion resistance:
>100.000 Martindale cycles (EN 14465: 2003+A1:2006 Annex A based on EN ISO 12947-2:1998/AC:2006)

Light stability:
8 (ISO 105-B02:2014 Method 2)

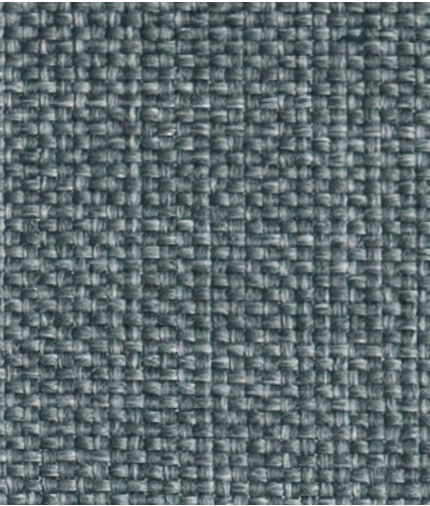
Resistencia al Pilling:
2000 Cycles: 5
5000 Cycles: 5
Class A (EN 14465: 2003+A1:2006. ISO 12945:2000)

Resistance to seam displacement:
Weft: 3,00 mm / Warp: 2,23 mm
Class A (EN 14465: 2003+A1:2006. ISO 13936-2: 2004)

Determination of POCHAGE:
Maximum Deformation: 11,83 mm / Non-Recoverable Deformation: 9,35 mm (EN 14704-2:2007)



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* Indicative printed samples.



Cerúleo



Beige



Taupe



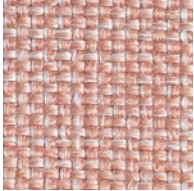
Avellana



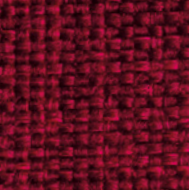
Mostaza



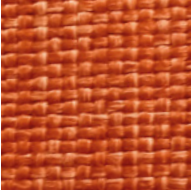
Azul



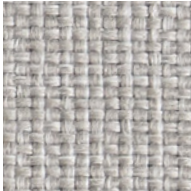
Cuarzo



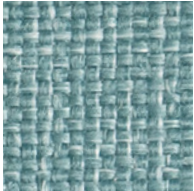
Granate



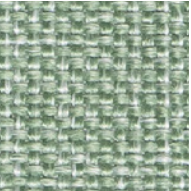
Óxido



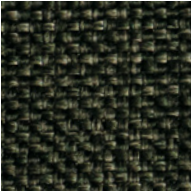
Perla



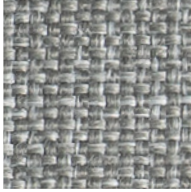
Celeste



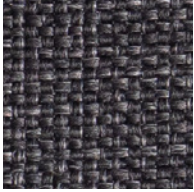
Aqua



Verde



Gris



Ónix



Azabache

BAROJA

SERIE 1

TECHNICAL DETAILS

Composition:
100% PES (Polyester)

Width: 140cm
Weight: 410gr/m²

Abrasion resistance:
>50.000 Martindale cycles (UNE-EN ISO 12947 - BS 2543)

Rubbing fastness:
Dry: 4-5 / Wet: 4-5

Light stability:
8 (EN ISO 105-B02:2014 Method 2)

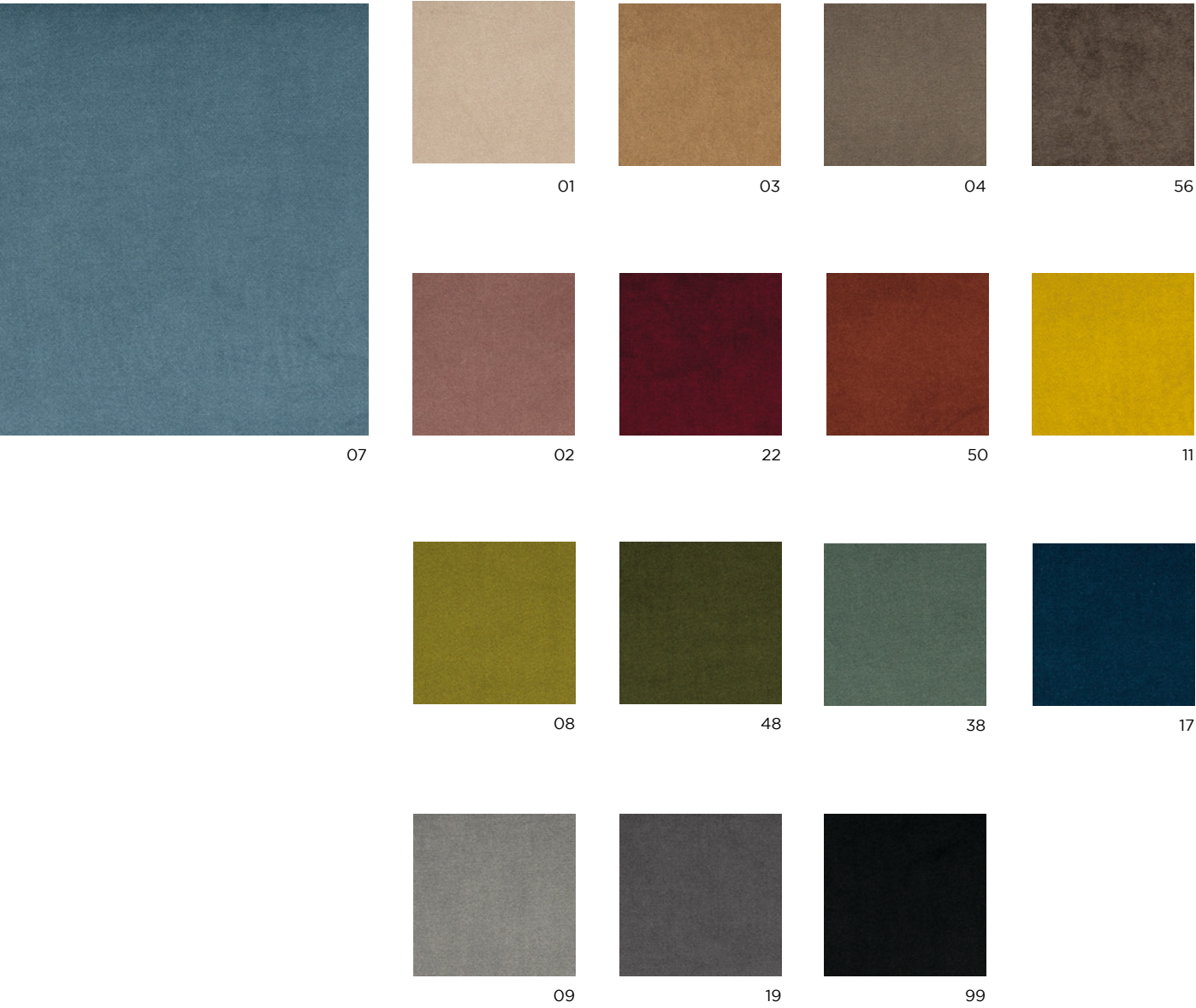
Pilling Resistance:
4-5 (UNE-EN ISO 12945-2)

Resistance to seam displacement:
Weft: <3 mm / Warp: <3 mm

Shrinkage after washing (30°C):
Weft: ≤ 1,5 % / Warp: ≤ 1,5 %



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CARIBE

SERIE 1

TECHNICAL DETAILS

Composition:
100% PES (Polyester)

Weight: ±504gr/m²

Abrasion resistance:
100.000 Martindale cycles (EN 14465: 2003+A1:2006 Annex A based on EN ISO 12947-2:1998/AC:2006)

Light stability:
6-7 (ISO 105-B02:2014 Method 2)

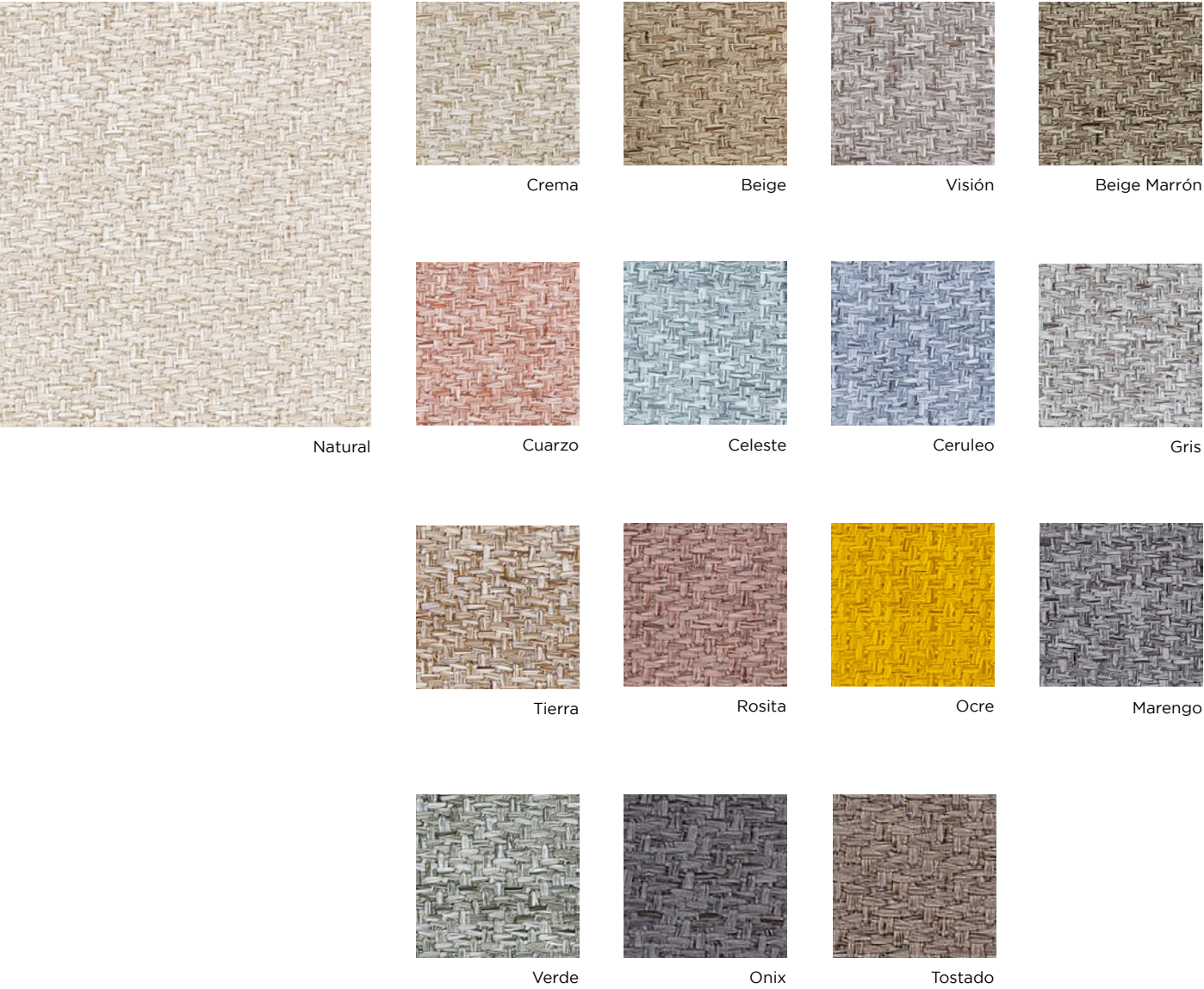
Pilling Resistance:
2000 Cycles: 5
5000 Cycles: 5
Class A /Class A (EN 14465: 2003+A1:2006. ISO 12945:2000)

Resistance to seam displacement:
Weft: 2,5 mm / Warp: 1 mm
Class A (EN 14465: 2003+A1:2006. ISO 13936-2: 2004)

Determination of POCHAGE:
Maximum Deformation: 13,23 mm / Non-Recoverable Deformation: 1,70 mm
(EN 14704-2:2007)



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CHROME

SERIE 1

TECHNICAL DETAILS

- Composition:**
100% PES (Polyester)
- Width: 140 cm
Weight: 650 ± 5% gr/m²
- Abrasion resistance:**
≥50.000 Martindale cycles (EN ISO 12947-2)
- Light stability:**
4 (ISO 105 - B02)
- Pilling Resistance:**
4 (ISO 12945-2: 2021)
- Colour fastness to rubbing:**
Dry: 4 / Wet: 3 (ISO 105 X 12)
- Colour fastness to artificial light:**
4 (Xenotest ISO 105 - B02)
- Flammability:**
PASS (CAL TB 117:2013)



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FICTION

SERIE 1

TECHNICAL DETAILS

Composition:
100% PES (Polyester)

Width: ±140cm
Weight: ±750gr/lfm

Abrasion resistance:
>100.000 Martindale cycles

Tear resistance:
Weft: 859N / 14,0% - Warp: 1900N / 27,7%

Light stability:
>5 (ISO 105 B02)

Pilling Resistance:
4 - ANTI-PILLING TREATMENT (EN ISO 12945-2)

Tear propagation resistance:
Weft: 137,2 N / Warp: 311,1 N (EN ISO 13937-3)

Resistance to seam displacement:
Weft: 2,0 mm / Warp: 1,7 mm (EN ISO 13936-2)

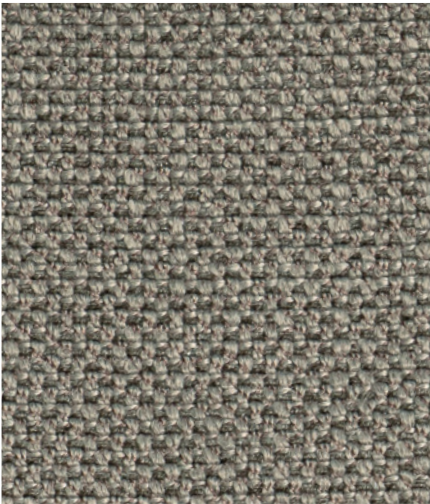
Rubbing fastness:
Dry: 5 / Wet: 4 - 5 (EN ISO 105-X12)

Explosion Properties:
199-10 (EN ISO 13938-1)

Cigarette Test:
PASS / Flame retardant fabric (BS 5852 Part 1)



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4004 Taupe Gray



5516 Almond Milk



5503 Falcon



5502 Grey Pinstripe



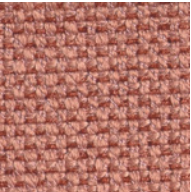
5518 Cathay Spice



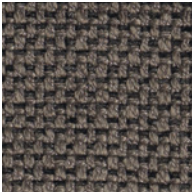
5519 Picante



5513 Spice Route



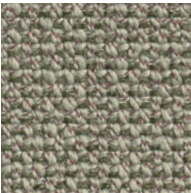
5517 Mineral Red



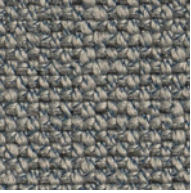
5507 Walnut



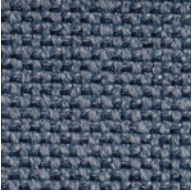
5514 Mayfly



5525 Desert Sage



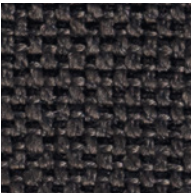
5523 Dark Gull Grey



5512 Blue Horizon



5511 Moonlight Ocean



5522 Jet Black

JUCAR

SERIE 1

TECHNICAL DETAILS

Composición:
100% PES (Polyester)

Width: ±160 cm
Weight: ±355gr/m²

Abrasion resistance:
>90.000 Martindale cycles (UNE-EN 144465:2004+A1:2007 Annex A based on UNE-EN ISO 12947-2:1999/AC:2006)

Light stability:
5 (UNE-EN ISO 105-B02:2014. Method 2)

Colour fastness to artificial light:
Antes = UPF: 30-35 / Después = UPF 45-50

Colour fastness to domestic use and commercial laundering:
5 (UNE-EN ISO 105-C06:2010)

Pilling Resistance
B - C (UNE-EN 14465:2004+A1:2007, UNE-EN ISO 12945-2:2001)

Dimensional stability to domestic washing and drying:
Weft: 1,0% / Warp: -1,8% (UNE-EN ISO 5077:2008 + ERRATUM:2008))



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LOLA

SERIE 1

TECHNICAL DETAILS

Composition:
480% PES (Polyester) - 15% CO (Cotton) - 25% VI (Viscose) - 12% LI (Linen)

Width: ±150 cm
Weight: 880ml ± 5%

Abrasion resistance:
75.000 Martindale cycles (ISO 12947-2 (9 Kpa))

Rubbing fastness:
Dry: ≥ 3-4 / Wet: ≥ 3

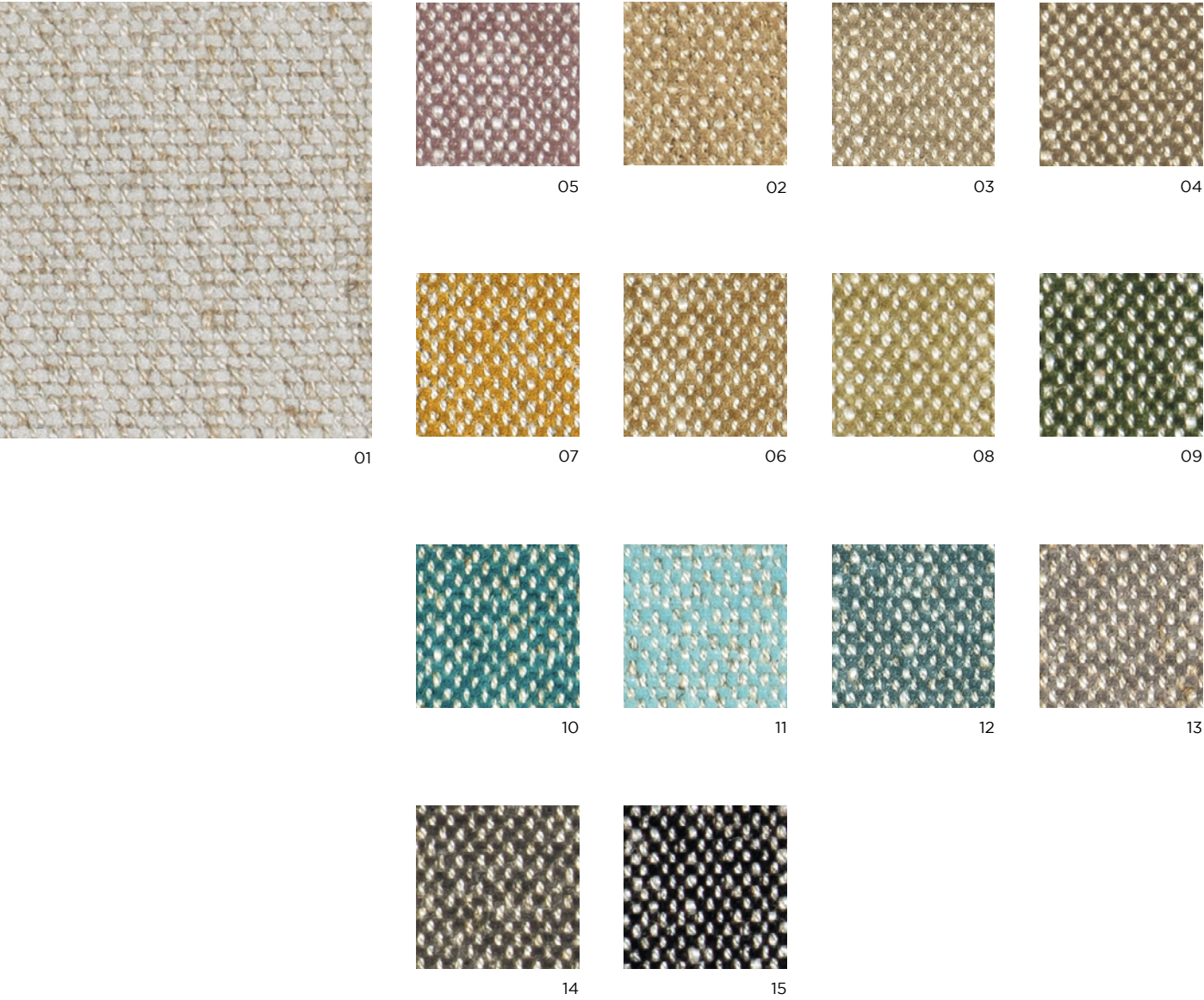
Light stability:
≥ 5

Pilling Resistance:
≥ 4 (ISO 12945-2)

Resistance to seam displacement:
Weft: 5 mm / Warp: 5 mm (ISO 13936-2)



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MIRANDA

SERIE 1

TECHNICAL DETAILS

Composition:
100% PES (Polyester)

Width: >140 cm
Weight: 420gr/m² ± 5%

Abrasion resistance:
110.000 Martindale cycles (UNI EN ISO 12947-1 / UNI EN ISO 12947-2)

Rubbing fastness:
Dry: 4-5 / Wet: 4-5 (UNI EN ISO 105-X12)

Light stability:
5 (UNI EN ISO 105-B02)

Pilling Resistance:
4-5 (UNI EN ISO 12945-2)

Dimensional stability to domestic washing:
Weft: -1,0% / Warp: -1,2% (UNI EN ISO 6330)

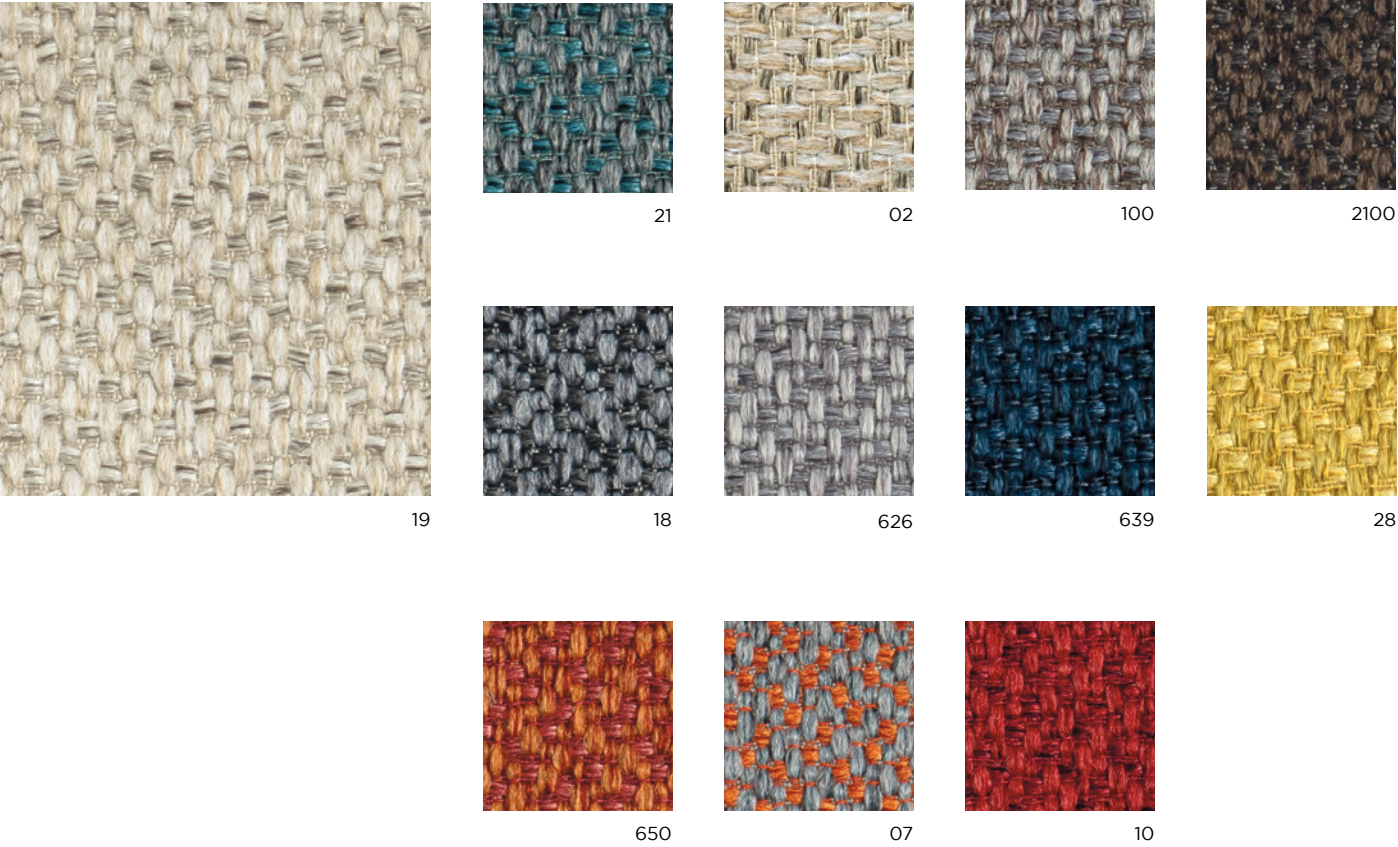
Dimensional stability in dry conditions:
Weft: -1,0% / Warp: -0,8% (UNI EN ISO 3175-2)

Resistance to seam displacement:
Weft: 3,5 mm / Warp: 3,7 mm (UNI EN ISO 13936-2)

Cigarette Test:
BS 5852 schedule 4 source 0 PART 1



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* Indicative printed samples.



SECRETO

SERIE 1

TECHNICAL DETAILS

Composition:
75% PES (Polyester) - 25% CO (Cotton)

Weight: ±536gr/m²

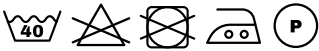
Abrasion resistance:
100.000 Martindale cycles (EN 14465: 2003+A1:2006 Annex A based on EN ISO 12947-2:1998/AC:2006)

Light stability:
6 (ISO 105-B02:2014 Method 2)

Pilling Resistance:
2000 Cycles: 5
5000 Cycles: 5
Class A (EN 14465: 2003+A1:2006. ISO 12945:2000)

Resistance to seam displacement:
Weft: 3,40 mm / Warp: 4,00 mm
Class A (EN 14465: 2003+A1:2006. ISO 13936-2: 2004)

Determinación del POCHAGE:
Maximum Deformation: 10,25 mm / Non-Recoverable Deformation: 6,08 mm (EN 14704-2:2007)



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* Indicative printed samples.



VEGAN

SERIE 1

TECHNICAL DETAILS

Composition:
30% PU (Polyurethane) - 70% PES (Polyester)

Width: 138 ± 2cm
Weight: ±650gr/m²

Abrasion resistance:
>100.000 Martindale cycles (ISO 12947-2)

Tensile strength:
Weft: 220 / Warp: 220 (ISO 13934-1)

Tear resistance:
Weft: 30 / Warp: 30 (ISO 13937-2)

Resistance to dry rubbing:
Dry: 4 / Wet: 4 (ISO 105-X12)

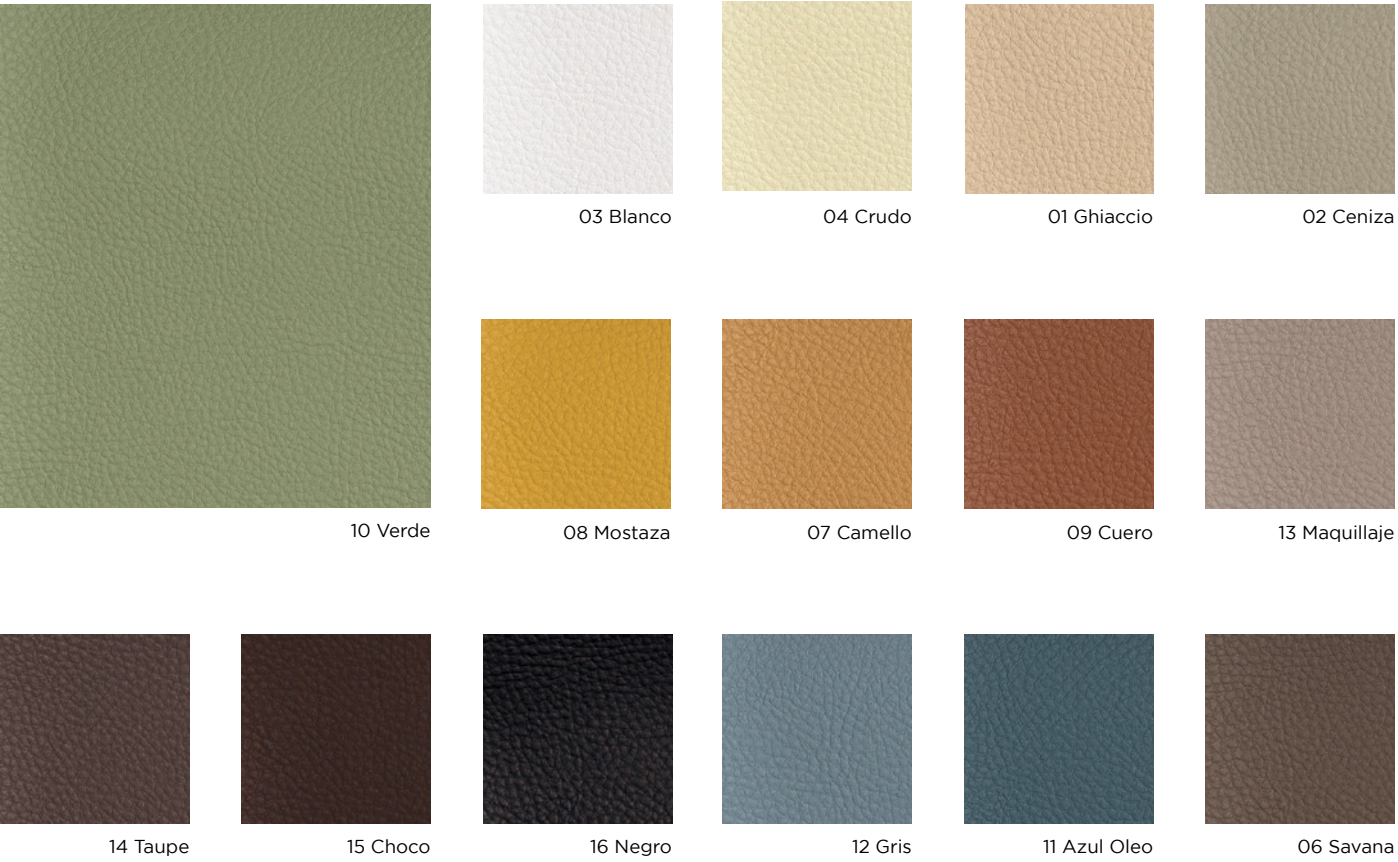
Light stability:
4 (TS EN ISO 105-B2)

Flexibility:
>100.000

Hydrolysis:
70°C 95% RH: 5 years



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* Indicative printed samples.



APOLLO

SERIE 2

TECHNICAL DETAILS

Composition:
97% PES (Polyester) - 3% LI (Linen)

Width: ±140cm
Weight: 700 gr/m² ± 5%

Abrasion resistance:
40.000 Martindale cycles (EN ISO 12947-2)

Colour fastness:
Dry: 4 / Wet: 4 (EN ISO 105-X12)

Pilling Resistance:
3-4 (EN ISO 12945-2)

Resistance to seam displacement:
Weft: 3 mm / Warp: 3 mm (EN ISO 13936-2)

Shrinkage after washing:
Weft: ±0 % / Warp: ±0 % (EN ISO 6330)



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* Indicative printed samples.



BOUTIQUE - CUNEO

SERIE 2

TECHNICAL DETAILS

Composition:
53% CO (Cotton) - 45% PES (Polyester) - 1% PA (Polyamide) - 1% O.F. (Other Fibres)

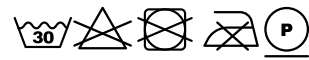
Width: ±140cm
Weight: ±570gr/m²

Abrasion resistance:
60.000 Martindale cycles (UNE-EN ISO 12947-2)

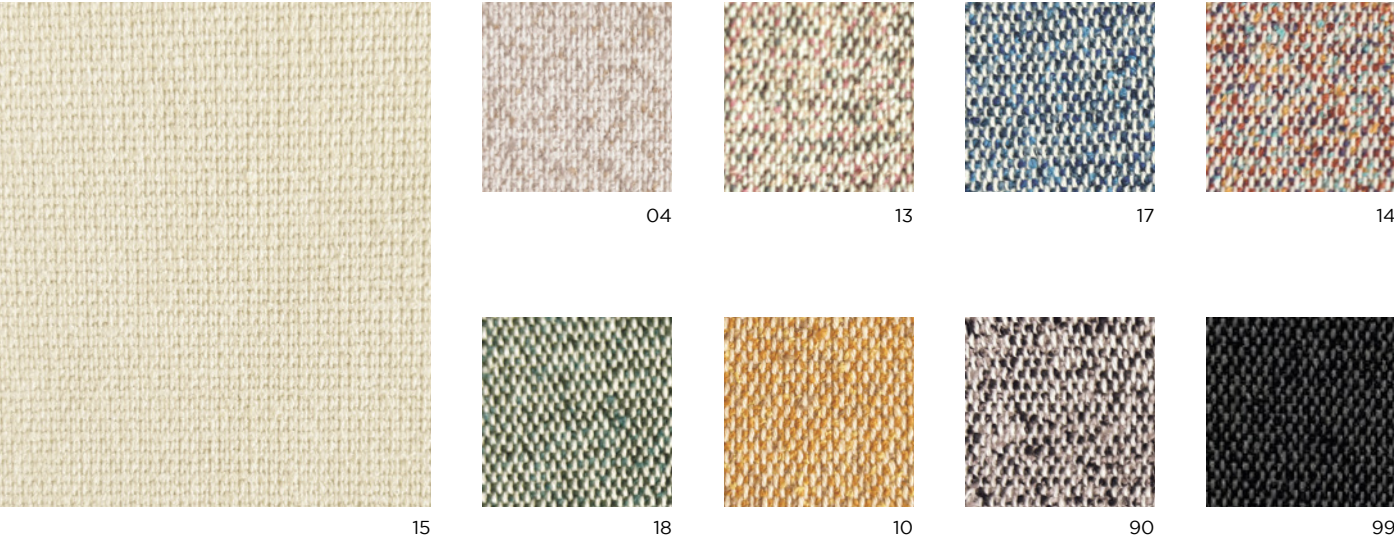
Pilling Resistance:
4 (UNE-EN ISO 12945-2)

Resistance to seam displacement:
Weft: <3,5 mm / Warp: <4 mm (UNE-EN ISO 13936-2)

Shrinkage after washing (30°C):
Weft: ≤3 % / Warp: ≤3,5 %



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* Indicative printed samples.



LYRA

SERIE 2

TECHNICAL DETAILS

Composition:
100% PES (Polyester)

Peso: ±462gr/m²

Abrasion resistance:
60.000 Martindale cycles (EN 14465: 2003+A1:2006 Annex A based on EN ISO 12947-2:1998/AC:2006)

Light stability:
4-5 (ISO 105-B02:2014 Method 2)

Pilling Resistance:
2000 Cycles: 5
5000 Cycles: 5
Class A (EN 14465: 2003+A1:2006. ISO 12945:2000)

Resistance to seam displacement:
Weft: 3,00 mm / Warp: 2,50 mm
Class A (EN 14465: 2003+A1:2006. ISO 13936-2: 2004)

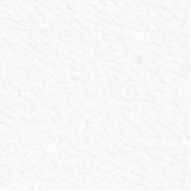
Determination of POCHAGE:
Maximum Deformation: 12,76 mm / Non-Recoverable Deformation: 1,22 mm
(EN 14704-2:2007)



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* Indicative printed samples.



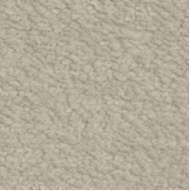
Crema



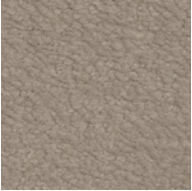
Blanco



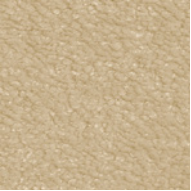
Arena



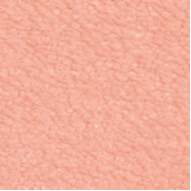
Tostado



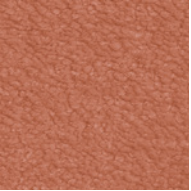
Taupe



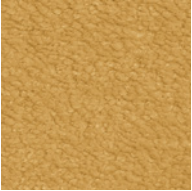
Beige



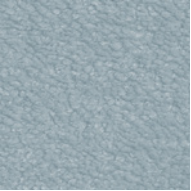
Cuarzo



Coral



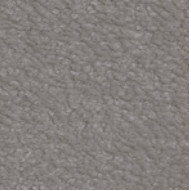
Mostaza



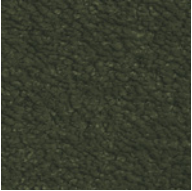
Celeste



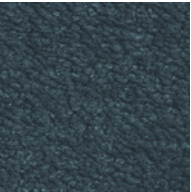
Hielo



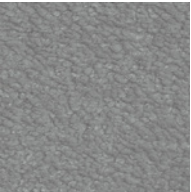
Ceruleo



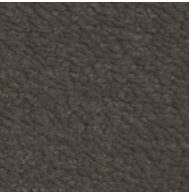
Verde



Océano



Cemento



Ónix

OCEAN

SERIE 2

TECHNICAL DETAILS

Composition:
100% Polyester

Width: 160cm ± 2%
Weight: 309gr/m² ± 5%

Abrasion resistance:
100.000 Martindale cycles EN ISO 12947-2

Light stability:
EN ISO 105-B02 Method 2: 4-5
(scale 1-8; 8 best value)

Rubbing fastness:
Dry: 4-5 / Wet: 4-5 (ISO 105-X12)

Tear resistance:
Weft: 73 N / Warp: 68 N (ISO 13937-3)

Sound absorption:
0,9 (ISO 10534-2)

Flammability:
UE: EN 1021 1/2
UE: EN 13501-1 B-s1, d0
UK: BS 5852 O/1
UK: BS 5852 CRIB 5
UK: BS 7176 Medium Hazard
F: NF P92-507 Class M.1
F: NF D 60-013 AM 18
ES: UNE 23 727-90 1R Class M.1
I: UNI 9175 Class 1.IM
USA: CAL TB 117 Section 1
USA: NFPA 260 Class 1
Regulation nº 118 UNECE Annex 6
IMO MSC.307 (88) Annex I Part 8
FAR 25.853 a) Annex F, Part I, (a) (1) (ii)



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* Indicative printed samples.



ROBUST

SERIE 2

TECHNICAL DETAILS

Composition:
51% Rolefín (Eco-friendly yarns) - 27% PES (Polyester) - 22% PAN (organic cotton with wool fibres)

Width: 141 ± 2 cm
Weight: 550 gr/m² ± 3%

Abrasion resistance:
+35.000 Martindale cycles (ISO 12947-2)

Light stability:
4 (ISO 105-B02)

Pilling Resistance:
4 (ISO 12945-2)



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* Indicative printed samples.



01 Crudo



02 Lino



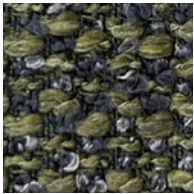
03 Piedra



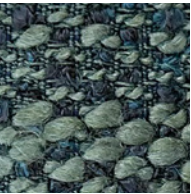
04 Mostaza



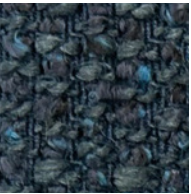
11 Rojo



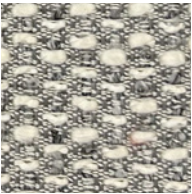
05 Verde Botella



06 Turquesa



12 Marino



07 Aluminio



08 Plata



09 Gris



10 Antracita

FILTEC

SERIE 2

TECHNICAL DETAILS

Composition:
Topcoat: 100% VY (Vinyl)
Support: 100% PES (Polyester)

Width: 140cm ± 2%
Weight: 830gr/m²

Flammability:
Flame retardant treatmen: UNE 1021 part 1 and 2
BS 5852 part 1 (Cigarette & Match)
CAL TB 117-2013 Section E
IMO MSC (88) part 8 (MED)
NFP 92 503 M2
OPTIONAL:
BS 5852 CRIB 5
UNI 9175 CLASSE 1M
R 118:2015 Annex 8



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* Indicative printed samples.

LINETEX

SERIE 2

TECHNICAL DETAILS

Composition:
Topcoat: 100% VY (Vinyl)
Support: 100% PES (Polyester Hi-Loft^{2TM})

Width: ±137cm
Weight: 665 ± 65gr/m²

Abrasion resistance:
>100.000 Martindale cycles (UNE - EN ISO 12947)

Tear resistance:
Weft: 25 N / Warp: 38 N (ISO 4674-1 MB)

Rubbing fastness:
Dry: 4 / Wet: 4 (CFFA - 7))

Elongation at break:
Weft: 62 % / Warp: 109 % (SO 1421 M1)

Features:
Anti-Stain finish
Mildew resistant backing and face
Sulphide Stain Resistant
Antistatic finish

Flammability:
EU EN 1021 PART 1 and 2
EU ECE R 118.02 Anx. 6, 7 & 8
EU (MED) Marine Equipment Directive
EU IMO 2010 FTP Part 8
DE DIN 4102 B2
US FMVSS 302

US CAL TB 117-2013, Sec.E
US UFAC Fabric - Class 1
US NFPA 260 Class 1

Tensile strength:
Weft: 244 N / Warp: 455 N (ISO 1421 M1)

Light stability:
1.000 hours, XENOTEST ISO 105B02

Resistance to low temperatures:
-29°C (CFFA-6a)

Adhesion:
Weft: 20 cm / Warp: 9,1 cm (ISO 2411)



Bamboo



Chalk



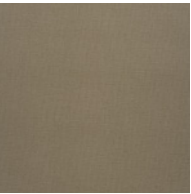
Butter



Dust



Rock



Chestnut



Cacao



Toast



Truffle



Shallow



Sphere



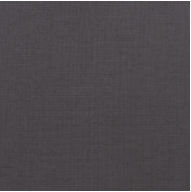
Wave



Glacier



Iron



Cliff



Shale



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SILVERTEX

SERIE 2

TECHNICAL DETAILS

Composition:
Topcoat: 100% VY (Vinyl)
Support: 100% PES (Polyester Hi-Loft^{2TM})

Width: ±137cm
Weight: 683 ± 65gr/m²

Abrasion resistance:
>300.000 Martindale cycles (EN ISO 12947 Part 2)

Tear resistance:
Weft: 25 N / Warp: 25 N (ISO 4674-1 MB)

Rubbing fastness:
Dry: 4-5 / Wet: 4-5 (AATCC 8 y CFFA - 7)

Elongation at break:
Weft: 152 % / Warp: 59 % (ISO 1421 M1)

- Features:**
Antimycotic protection
Antifungal Protection
Anti-stain finish
Mildew resistant backing and face
Sulphide Stain Resistant
Stain Resistant Finish
Antibacterial Protection

Flammability:	
EU	EN 1021 PART 1 and 2
EU	ECE R 118.02 Anx. 6, 7 & 8
EU	(MED) Marine Equipment Directive
EU	IMO 2010 FTP Part 8
EU	EN 71-2:2006+A1:2007 Safety of Toy - part 2.
DE	DIN 4102 B2
IT	UNI 9175 Classe 1.IM
ES	UNE 23.727-90 IR/M.2

FR	NF P 92-503 / M2
AT	ÖNORM B 3825, Gruppe 1
AT	ÖNORM A 3800 Teil 1
US	FMVSS 302
US	CAL TB 117-2013, Sec.E
US	FAR 25/853

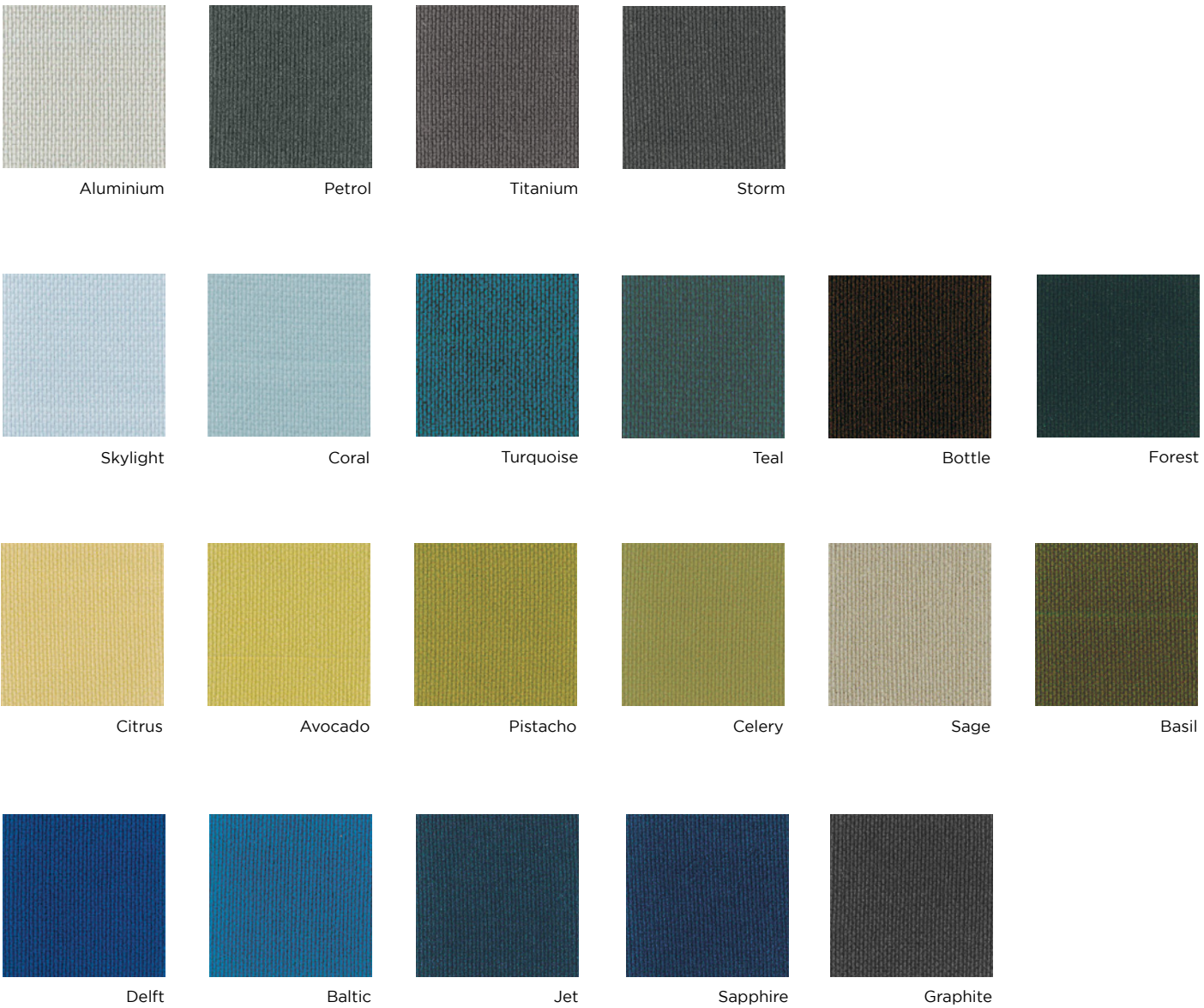
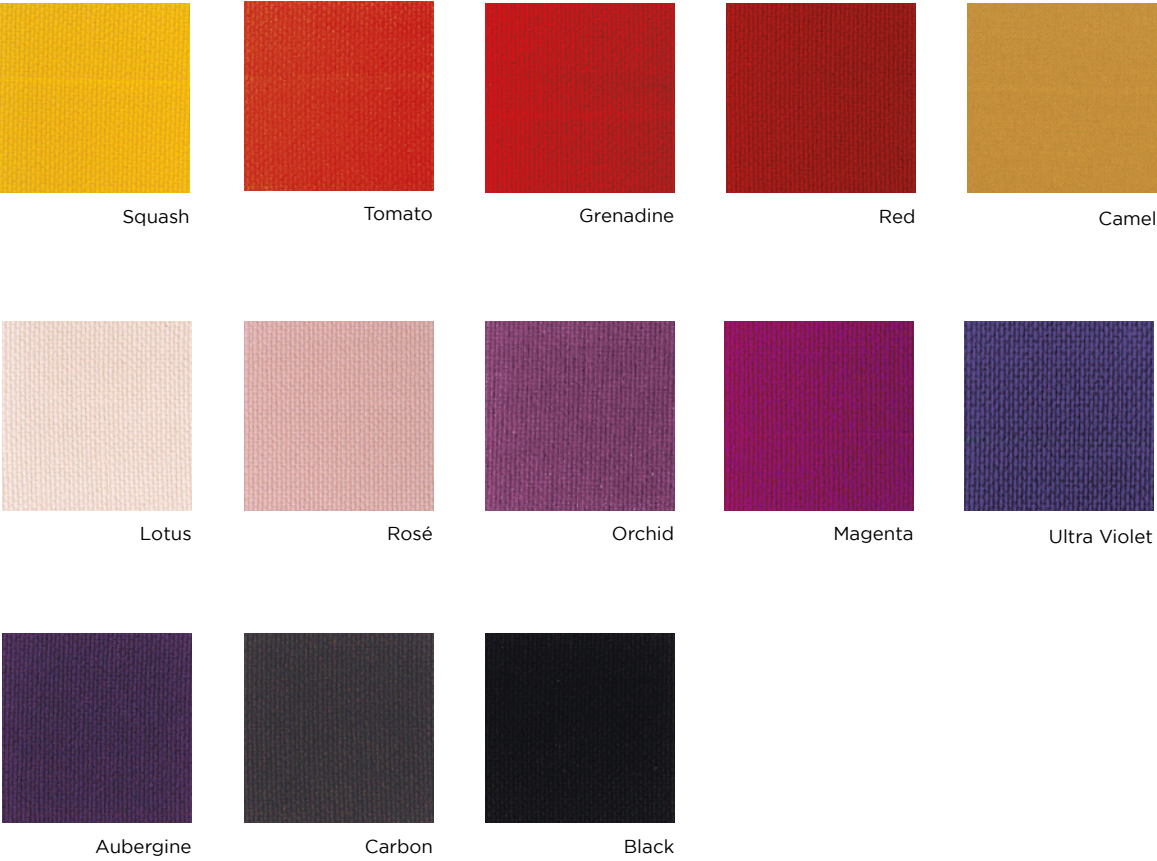


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* Indicative printed samples.



SILVERTEX

SERIE 2



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VALENCIA

SERIE 2

TECHNICAL DETAILS

Composition:
Topcoat: 100% VY (Vinyl)
Support: 100% PES (Polyester Hi-Loft^{2TM})

Width: ±137cm
Weight: 650 ± 65gr/m²

Abrasion resistance:
>300.000 Martindale cycles (UNE - EN ISO 12947)

Tear resistance:
Weft: 25 N / Warp: 29 N (ISO 4674-1 MB)

Rubbing fastness:
Dry: 4-5 / Wet: 4-5 (AATCC 8)

Elongation at break:
Weft: 165 % / Warp: 57 % (ISO 1421 M1)

- Features:**
- Antimycotic protection
 - Antibacterial Protection
 - Antifungal Protection
 - Stain Resistant Finish
 - Mildew resistant backing and face
 - Sulphide Stain Resistant
 - Antistatic Finish

Flammability:	
EU	EN 1021 PART 1 and 2
EU	ECE R 118.02 Anx. 6, 7 & 8
EU	(MED) Marine Equipment Directive
EU	IMO 2010 FTP Part 8
EU	EN 71-2:2006+A1:2007 Safety of Toy - part 2.
DE	DIN 4102 B2
IT	UNI 9175 Classe 1.IM
ES	UNE 23.727-90 IR/M.2

FR	NF P 92-503 / M2
AT	ÖNORM B 3825, Gruppe 1
AT	ÖNORM A 3800 Teil 1
US	FMVSS 302
US	CAL TB 117-2013, Sec.E
US	FAR 25/853

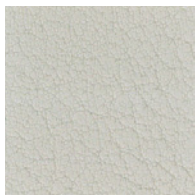
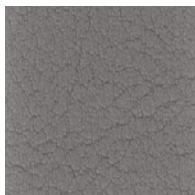
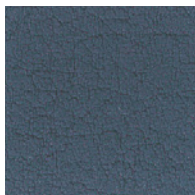
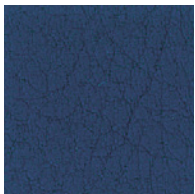
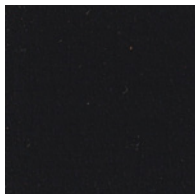
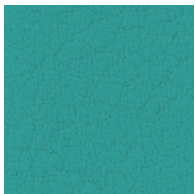
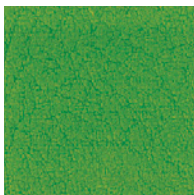


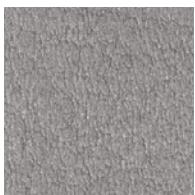
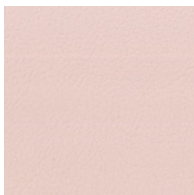
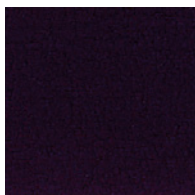
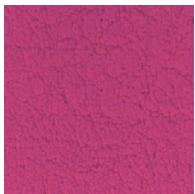
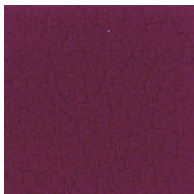
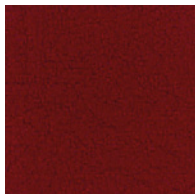
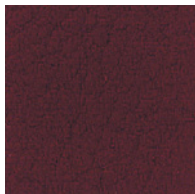
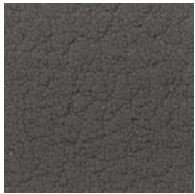
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* Indicative printed samples.



VALENCIA

SERIE 2

					
Auster	Perle	Platin	Lichtgrau	Graphite	Petrol
					
Titan	Baltic	Lavendel	Delft	Marine	Schwarz
					
Coral	Jade	Türkis	Teal	Night	Grün
					
Citrus	Sonne	Avocado	Apfel	Olive	

					
Silver	Lotus	Rosé	Amethyst	Ultra Violet	
					
Pink	Berry	Port	Merlot	Chestnut	
					
Tomato	Rot	Kirsche	Moss	Meteor	Mocca

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* Indicative printed samples.

BOIRA

SERIE 3

TECHNICAL DETAILS

Composition:
85% PES (Polyester) - 15% PES REC (Recycled Polyester)

Width: 142 + 4cm
Weight: 708gr/m² ± 5%

Abrasion resistance:
35.000 Martindale cycles (EN ISO 12947-2:1998)
(change of appearance: 3000 cycles)

Rubbing fastness:
Dry: 4-5 / Wet: 4-5 (ISO 105-X12:2002)

Light artificial stability:
5-6 (ISO 105-B02:1998, ISO 105 B02/A01:2002)

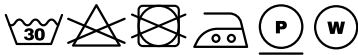
Pilling Resistance:
Pilling 3-4 / Fuzz 4-5 (ISO 12945/2:2000)

Resistance to seam displacement:
Weft: 2 mm / Warp: 1 mm (ISO 13936/2:2004)

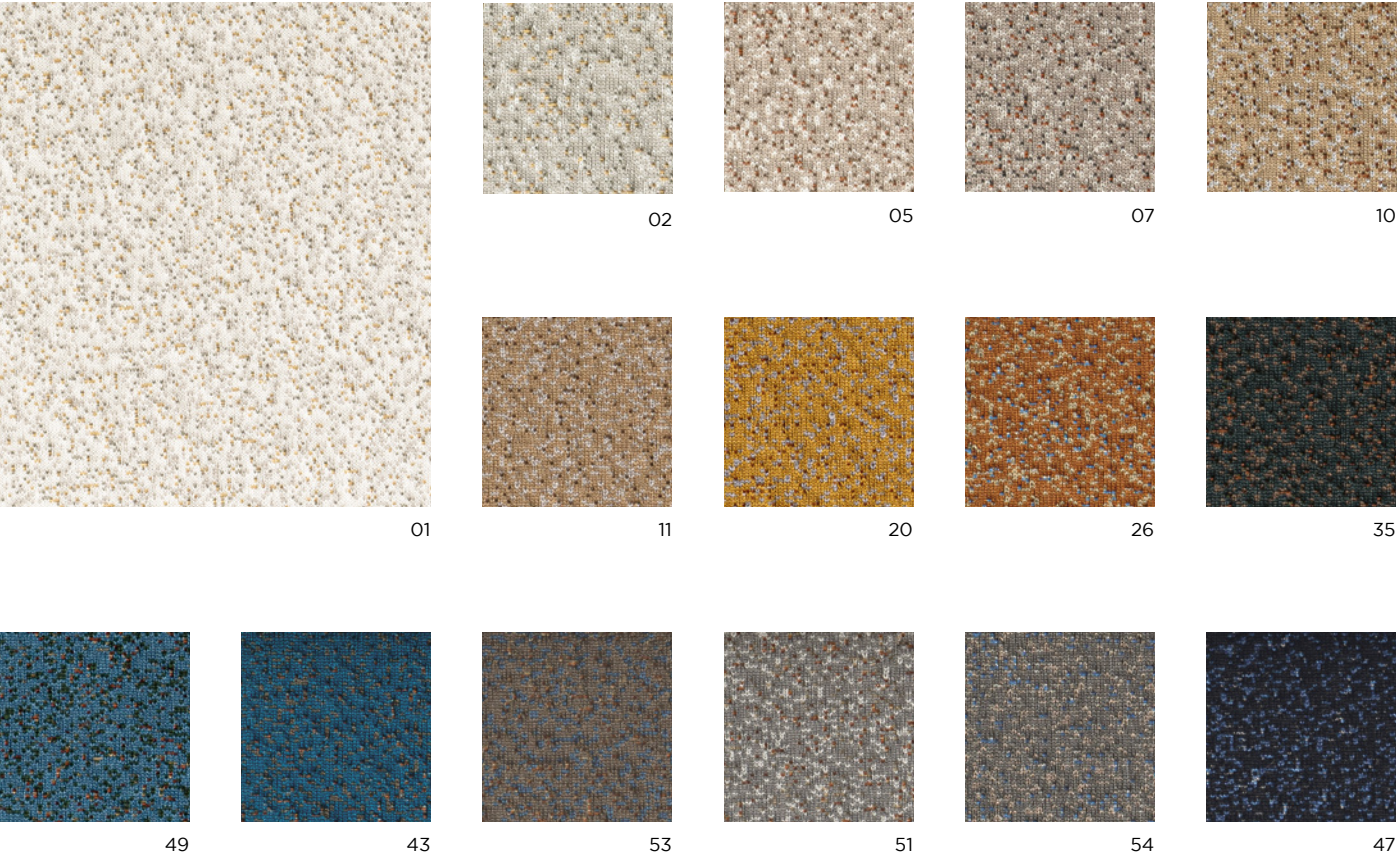
Dimensional stability to domestic washing and drying:
Weft: -1% / Warp: -2% (ISO 3759:2008, ISO 6330:2000, ISO 5077:2008)

Maintenance and Cleaning:
4 FORD FLTM BN 112-08:2005

Flammability:
BS5852 Source O
EN1021-Part 1
CAL TB 117
NFPA 260



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CASSINO

SERIE 3

TECHNICAL DETAILS

Composition:
35% VIS (Viscose) - 30% PES (Polyester) - 28% CO (Cotton) - 7% PA (Polyamide)

Width: ±140cm
Weight: ±485gr/m²

Abrasion resistance:
>35.000 Martindale cycles (UNE-EN ISO 12947 - BS 2543)

Rubbing fastness:
Dry: 4 / Wet: 4-5

Light stability:
5 (ISO 105-B02)

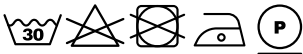
Pilling Resistance:
4 (UNE-EN ISO 12945-2)

Rapport:
Width: Plain / Long: Plain

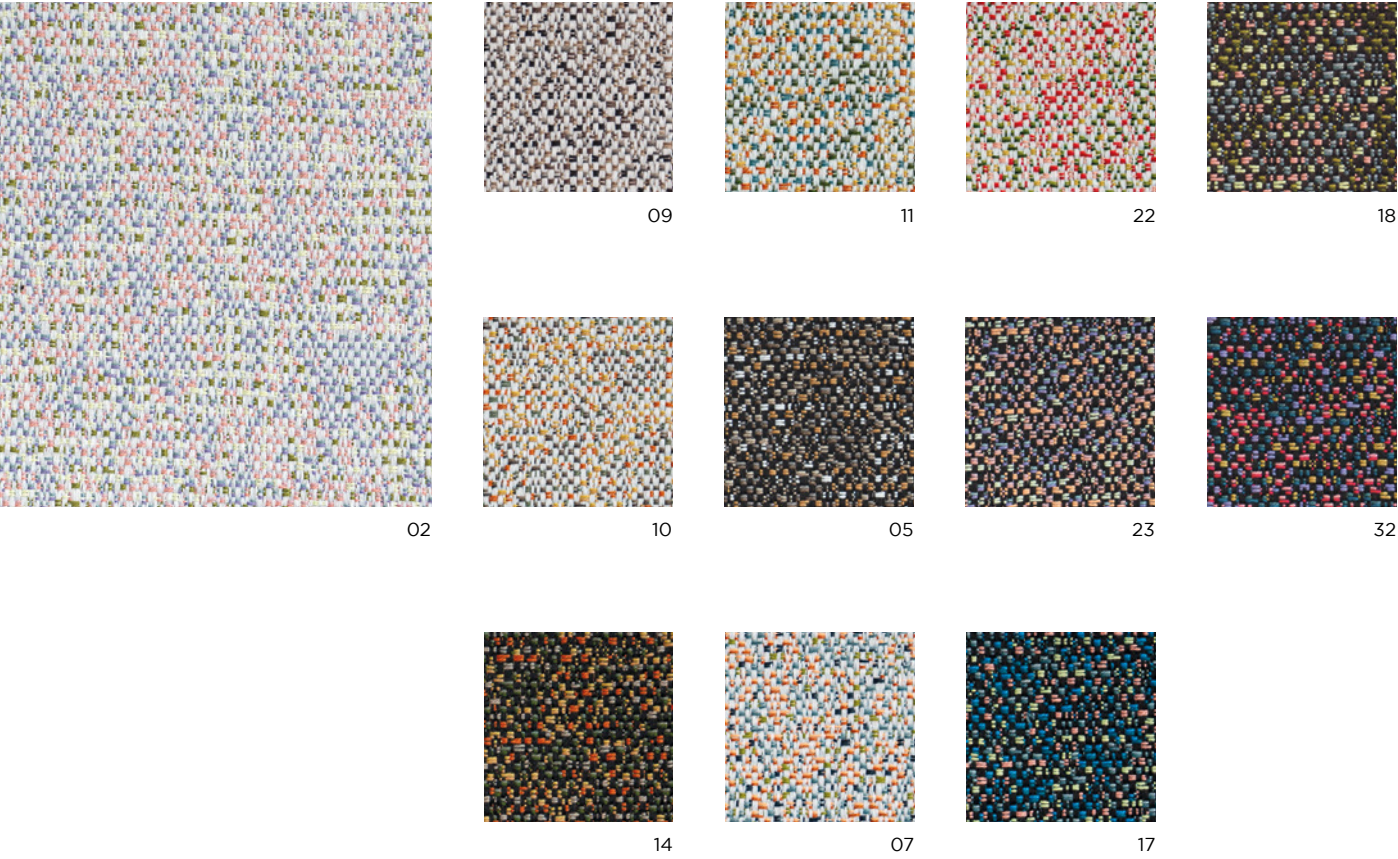
Resistance to seam displacement:
Weft: <3 mm / Warp: <4.5 mm

Shrinkage after washing (30°C):
Weft: ≤ 3 % / Warp: ≤ 3 %

Features:
Anti-stain treatment.



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FORMA

SERIE 3

TECHNICAL DETAILS

Composition:
78% PES (Polyester) - 22% PES REC (Recycled Polyester)

Width: 140 + 4cm
Weight: 432gr/m² ± 5%

Abrasion resistance:
50.000 Martindale cycles (EN ISO 12947-2:1998)
(change of appearance: 3000 cycles)

Rubbing fastness:
Dry: 4-5 / Wet: 4-5 (ISO 105-X12:2002)

Light artificial stability:
5-6 (ISO 105-B02:1998, ISO 105 B02/A01:2002)

Pilling Resistance:
3-4 (ISO 12945/2:2000)

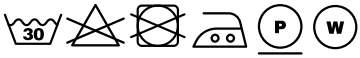
Resistance to seam displacement:
Weft: 3 mm / Warp: 2 mm (ISO 13936/2:2004)

Dimensional stability to domestic washing and drying:
Weft: 0% / Warp: -3% (ISO 3759:2008, ISO 6330:2000, ISO 5077:2008)

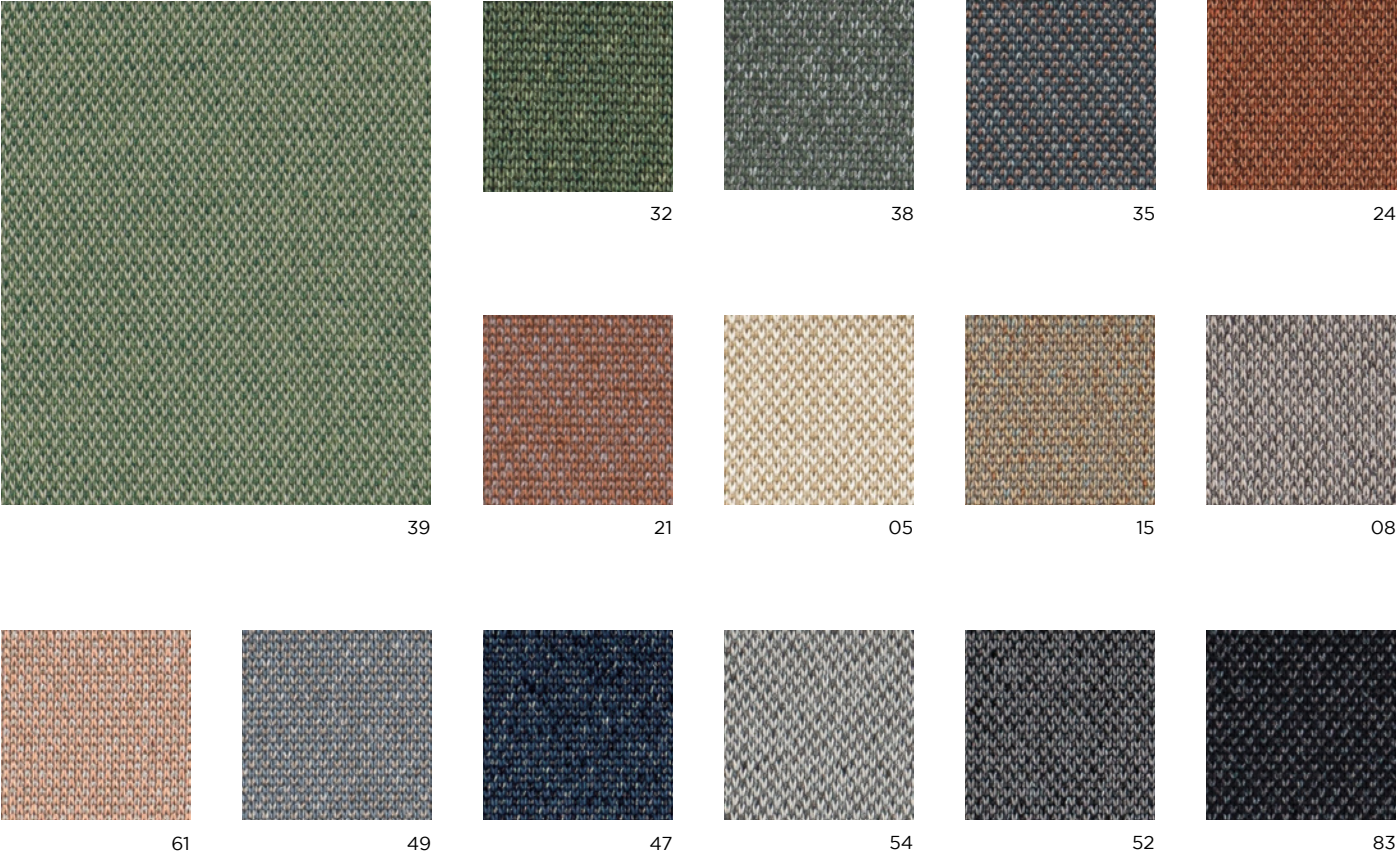
Bursting strength:
783,3 (ISO 13938-2:2019)

Maintenance and Cleaning:
4 FORD FLTM BN 112-08:2005

Flammability:
BS5852 Source 0
EN1021-Part 1
CAL TB 117
NFPA 260



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ITO

SERIE 3

TECHNICAL DETAILS

Composition:
53% PES (Polyester) - 20% PP (Polypropylene) - 18% PES REC (Recycled Polyester) - 5% OF REC (Other fibres) - 4% CO REC (Recycled cotton)

Width: 140 + 4cm
Weight: 580gr/m² ± 5%

Abrasion resistance:
>100.000 Martindale cycles (EN ISO 12947-2:1998)
(change of appearance: 3000 cycles)

Rubbing fastness:
Dry: 4-5 / Wet: 4-5 (ISO 105-X12:2002)

Light artificial stability:
5-6 (ISO 105-B02:1998 y 105 B02/A01:2002)

Pilling Resistance:
4-5 (ISO 12945/2:2000)

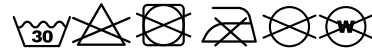
Resistance to seam displacement:
Weft: 2,00 mm / Warp: 1,80 mm (EN ISO 13936/2:2004)

Dimensional stability to domestic washing and drying:
Weft: -2,6% / Warp: -2,4% (ISO 3759:2008, ISO 6330:2000, ISO 5077:2008)

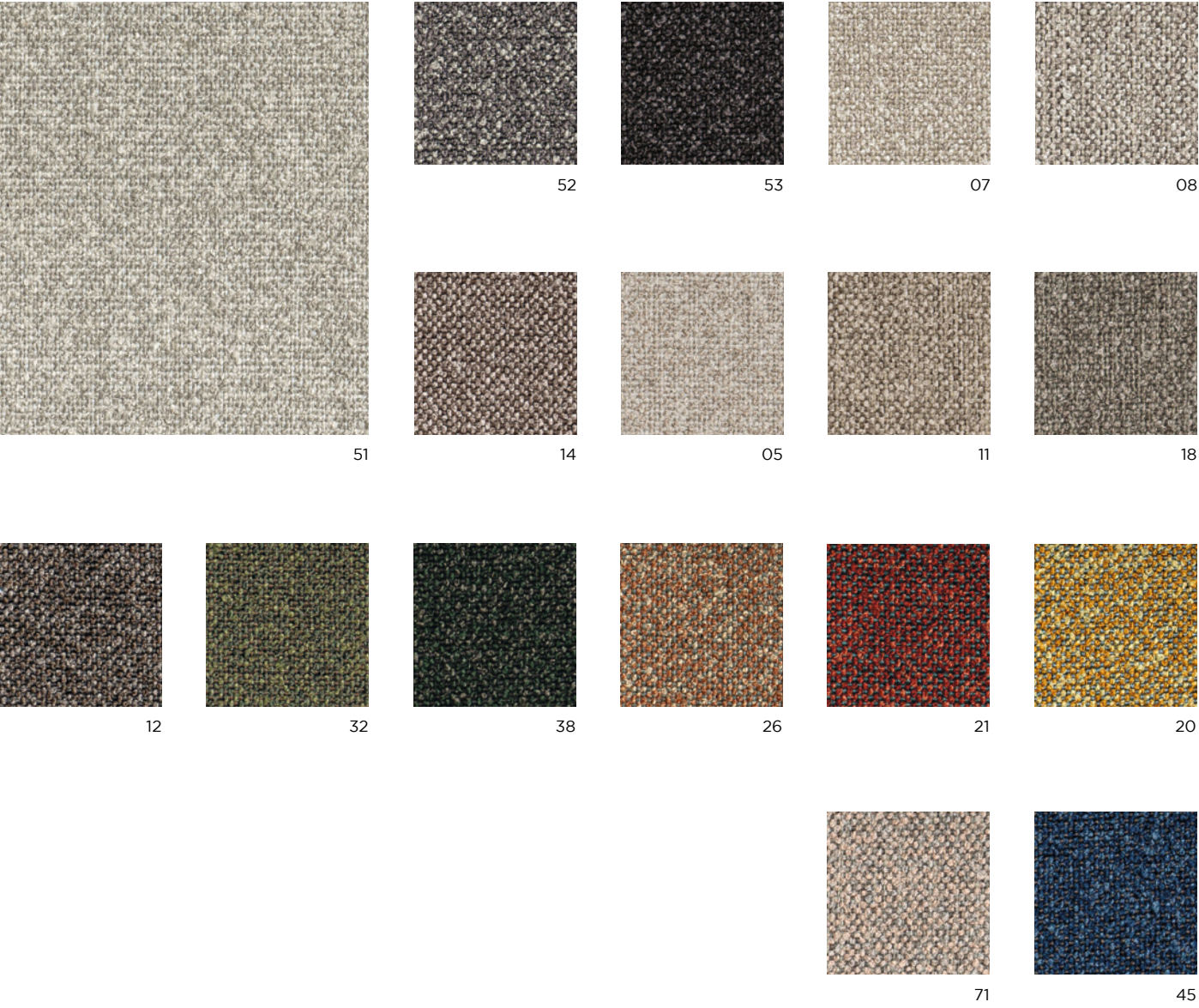
Antibacterial activity:
>3 EN ISO 20743:2013

Maintenance and Cleaning:
3-4 FORD FLTM BN 112-08:2005

Flammability:	
BS5852 Source 0	Upon request
EN1021-Part 1:2006	BS5852 Source 1
CAL TB 117:2013	EN1021-Part 2:2006
NFPA 260:2013	BS 7176 Low Hazard
UNI 9175 Clase 3IM	



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MONPA

SERIE 3

TECHNICAL DETAILS

Composition:
100% PES REC (Recycled Polyester)

Width: ±140cm
Weight: ±840gr/m²

Abrasion resistance:
70.000 Martindale cycles

Colour fastness to rubbing:
4/5

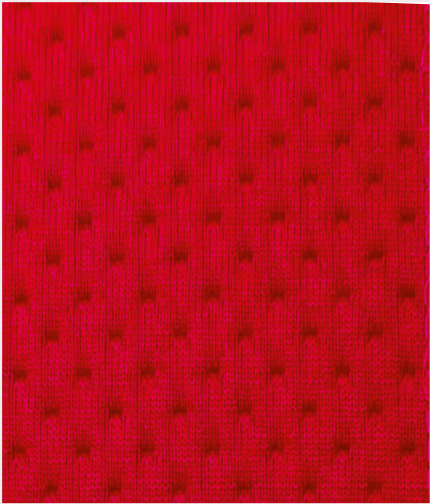
Light stability:
6

Pilling Resistance:
5

Flammability:
UNI 9175 Class 1 IM
EN 1021-1 & 2
BS 7176 Class Low Hazard
California TB 117:2013



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4027 Red Ruby



4023 Red Lollipop



5098 Purple Orchid



7017 Mint Green



7006 Green Eden



3090 Lime Fluor



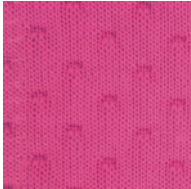
6075 Klein Blue



4001 Orange Tiger



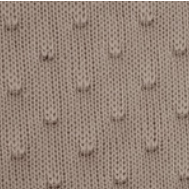
4037 Terracotta



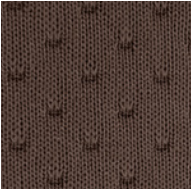
3795 Fucsia



1001 White Cream



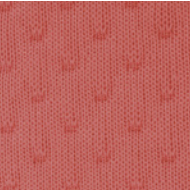
1008 Sand



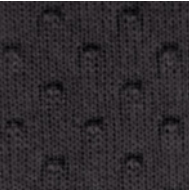
2019 Desert Taupe



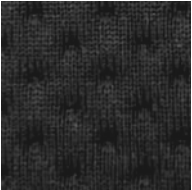
4067 Coral Dalia



4006 Coral Camelia



2021 Anthracite



8033 Black Onyx

PIELA

SERIE 3

TECHNICAL DETAILS

Composition:
99% PES (Polyester) - 1% EA (Elastane)

Width: 165 ± 2cm
Weight: 650gr/m² ± 5%

Abrasion resistance:
50.000 Martindale cycles (EN ISO 12947-2)
(change of appearance: 3000 cycles)

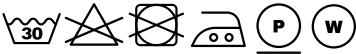
Light artificial stability:
5-6 (ISO 105-B02 y ISO 105 B02/A01)

Pilling Resistance:
5 (ISO 12947-2)

Resistance to seam displacement:
Weft: 2 mm / Warp: 1 mm (ISO 13936/2)

Dimensional stability to domestic washing and drying:
Weft: -1% / Warp: -1,5% (ISO 3759 y ISO 6330)

Flammability:
EN1021-Pa 1
EN1021-Pa 2
BS 7176 Low Hazard



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VELVETY

SERIE 3

TECHNICAL DETAILS

Composition:
80% PES (Polyester) - 11% PES REC (Recycled polyester) - 5% CO REC (Recycled cotton) - 4% CO (Cotton)

Width: 140 + 4cm
Weight: 557gr/m² ± 5%

Abrasion resistance:
200.000 Martindale cycles (EN ISO 12947-2:1998)
(change of appearance: 3000 ciclos)

Rubbing fastness:
Dry: 4-5 / Wet: 4-5 (ISO 105-X12:2002)

Light artificial stability:
5-6 (ISO 105-B02:1998 y 105 B02/A01:2002)

Pilling Resistance:
5 (ISO 12945/2:2000)

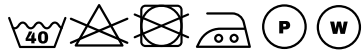
Resistance to seam displacement:
Weft: 1,00 mm / Warp: 1,00 mm (ISO 13936/2:2004)

Dimensional stability to domestic washing and drying:
Weft: -2% / Warp: -1,6% (ISO 3759:2008, ISO 6330:2000, ISO 5077:2008)

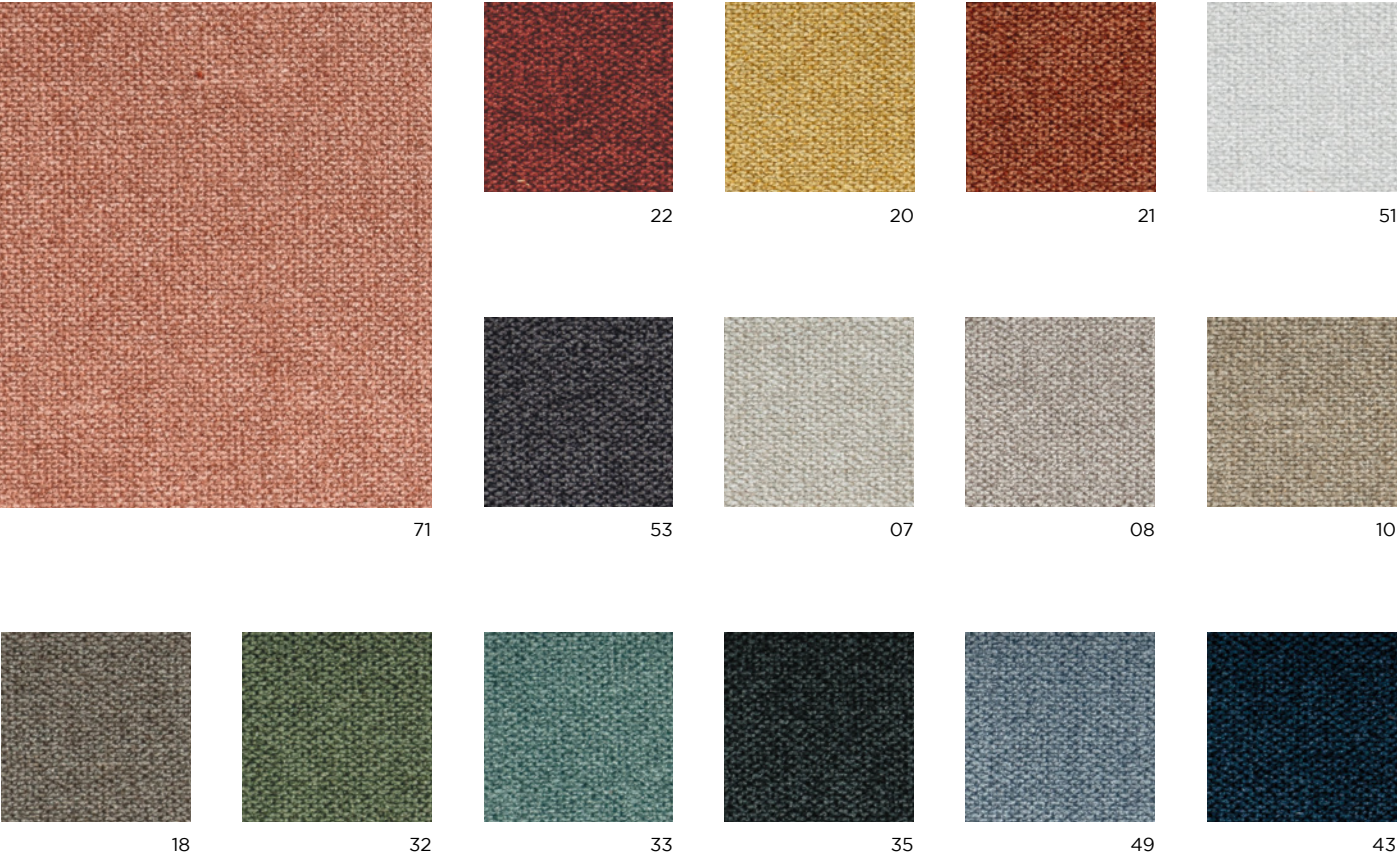
Antibacterial activity:
>3 (ISO 20743:2013)

Maintenance and Cleaning:
4-5 FORD FLTM BN 112-08:2005

Flammability:	
BS5852 Source 0	Upon request
EN1021-Part 1:2006	BS5852 Source 1
CAL TB 117:2013	EN1021-Part 2:2006
NFPA 260:2013	BS 7176 Low Hazard
UNI 9175 Clase 3IM	



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VIENA FR

SERIE 3

TECHNICAL DETAILS

Composition:
100% PES F.R. (Polyester)

Width: 140cm ± 2%
Weight: 525gr/m² ± 5%

Abrasion resistance:
40.000 Martindale cycles (EN ISO 12947-2)

Tear resistance:
Weft: 39N / Warp: 229N (EN ISO 13937-3)

Rubbing fastness:
Dry: 4-5 / Wet: 4-5 (EN ISO 105-X12)

Light stability:
4-5 (EN ISO 105-B02 Method 2)
(Scale 1-8; 8 Best value)

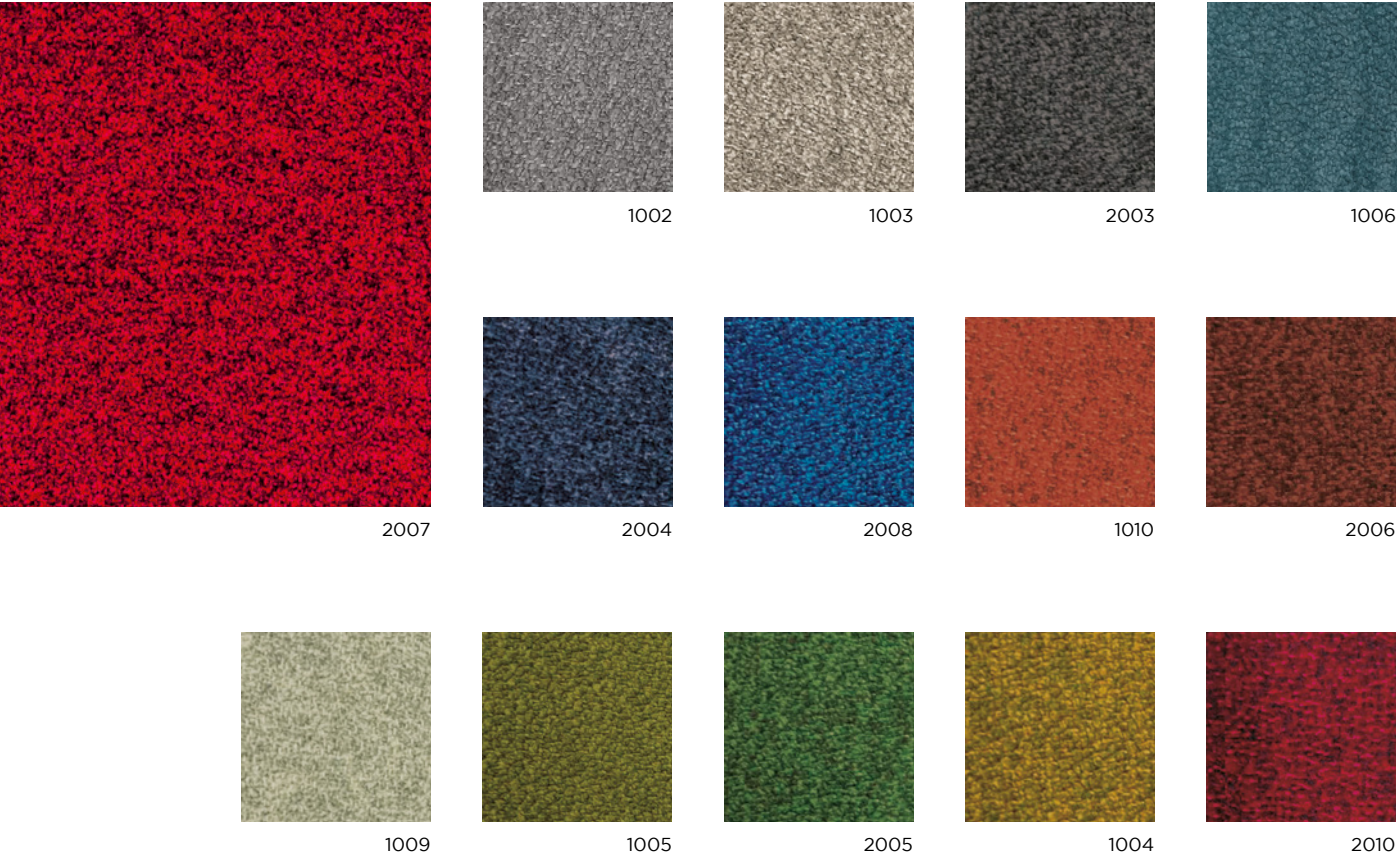
Pilling Resistance:
4-5 (EN ISO 12945-2)
(Scale 1-5; 5 Best value)

Acoustic absorption:
>0,9 (EN ISO 10534-2)

Flammability:
UE EN 1021 1/2
UK BS 5852 0/1
UK BS 7176 Low Hazard
USA CAL TB 117 Section 1
USA NFPA 260 Clase 1
Regulation nº 118 UNECE Annex 6 IMO MSC.307 (88) Annex I Part 8



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MAGLIA

SERIE 3

TECHNICAL DETAILS

Composition:
Topcoat: 100% VY (Vinyl)
Support: 100% PES (Polyester Hi-Loft²™)

Width: ±137cm
Weight: 680 ± 65gr/m²

Abrasion resistance:
>100.000 Martindale cycles (EN ISO 12947)

Tear resistance:
Weft: 25 N / Warp: 25 N (ISO 4674-1 MB)

Rubbing fastness:
Dry: 4-5 / Wet: 4-5 (AATCC 8)

Elongation at break:
Weft: 152 % / Warp: 59 % (ISO 1421 M1)

Features:
Antimycotic Protection
Antifungal Protection
Antistatic Finish
Mildew resistant backing and face
Sulphide Stain Resistant
Stain Resistant Finish
Antibacterial Protection

Inflamabilidad:
EU EN 1021 PART 1 and 2
EU ECE R 118.02 Anx. 6, 7 & 8
EU (MED) Marine Equipment Directive
EU IMO 2010 FTP Part 8
EU EN 71-2:2006+A1:2007 Safety of Toy - part 2.
DE DIN 4102 B2
IT UNI 9175 Classe 1.IM
ES UNE 23.727-90 IR/M.2

FR NF P 92-503 / M2
AT ÖNORM B 3825, Gruppe 1
AT ÖNORM A 3800 Teil 1
US FMVSS 302
US CAL TB 117-2013, Sec.E
US FAR 25/853

Tensile strength:
Weft: 233 N / Warp: 376 N (ISO 1421 M1)

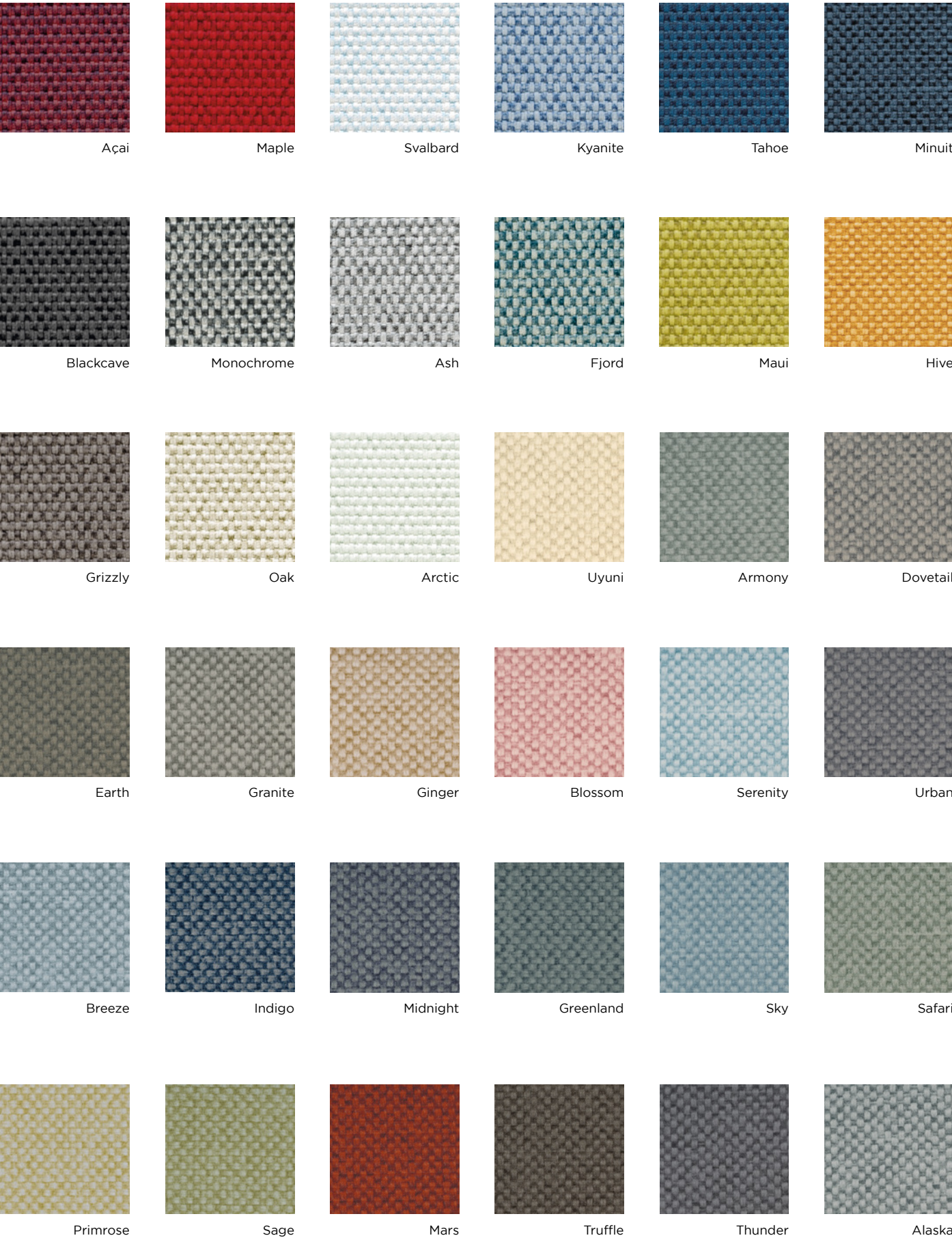
Light stability:
1.000 hours, XENOTEST DIN 54004 / NTC 1479 - Blue Wool

Cold crack:
-29°C (CFFA-6a)

Adhesion:
Weft: 26 cm / Warp: 26 cm (ISO 2411)



* Color variations may occur between different batches.
* Photographic scans of fabric are not accurate in terms of color.
* Indicative printed samples.



MOSS

SERIE 4

TECHNICAL DETAILS

Composition:
100% PES FR (Polyester)

Width: 140 + 4cm
Weight: 488gr/m² ± 5%

Abrasion resistance:
50.000 Martindale cycles (EN ISO 12947-2:1998)
(change of appearance: 3000 cycles)

Rubbing fastness:
Dry: 5 / Wet: 4-5 (EN ISO 105-X12:2002)

Light artificial stability:
6-7 (EN ISO 105-B02:1998 y EN ISO 105 B02/A01:2002)

Pilling Resistance:
4-5 EN ISO 12945/2:2000

Resistance to seam displacement:
Weft: 2,50 mm / Warp: 1,70 mm (ISO 13936/2:2004)

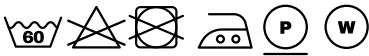
Maintenance and Cleaning:
4-5 (FORD FLTM BN 112-08:2005)

Dimensional stability to domestic washing and drying:
Weft: +1,5% / Warp: -3% (ISO 3759:2008, EN ISO 6330:2000 y EN ISO 5077:2008)

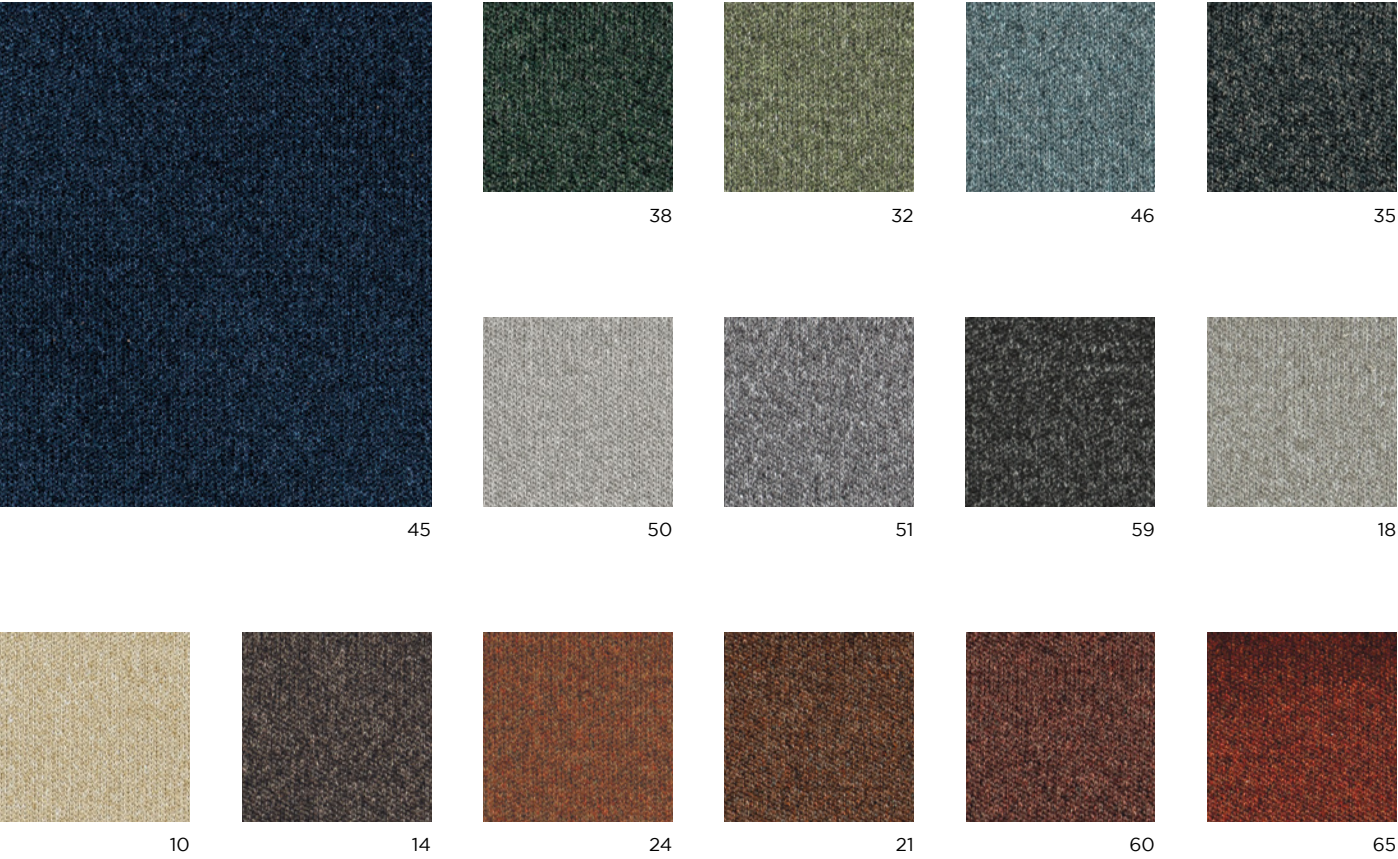
Acoustic Certificate:
EN ISO 354

Flammability:
BS5852 Source 0
BS5852 Source 1
EN1021-Part 1
EN1021-Part 2
CAL TB 117
NFPA 260
BS 7176 Low Hazard

UNI 9175 Class 1IM
IMO Annex 1 Part 8
NF D 60 013
NF P92-507-M1
DIN 4102 B2
EN-13501-1



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SOLAR

SERIE 4

TECHNICAL DETAILS

Composition:
95% PO (Polyolefin) - 5% PC (Acrylic)

Width: 140cm ± 2%
Weight: 560gr/m² ± 5%

Abrasion resistance:
80.000 Martindale cycles (EN ISO 12947-2)

Tear resistance:
Weft: 657 N / Warp: 261 N (UNE EN ISO 13937-3)

Rubbing fastness:
Dry: 4-5 / Wet: 4-5 (UNE EN ISO 105-X12)

Light artificial stability:
6-7 EN ISO 105-B04 (Artificial weathering)

Pilling Resistance:
4-5 UNE EN ISO 12945-2

Resistance to seam displacement:
Weft: 2,50 mm / Warp: 1,40 mm (UNE EN ISO 13936-2)

Tensile strength:
Weft: 990 N / Warp: 1600 N (UNE EN ISO 13934-1)

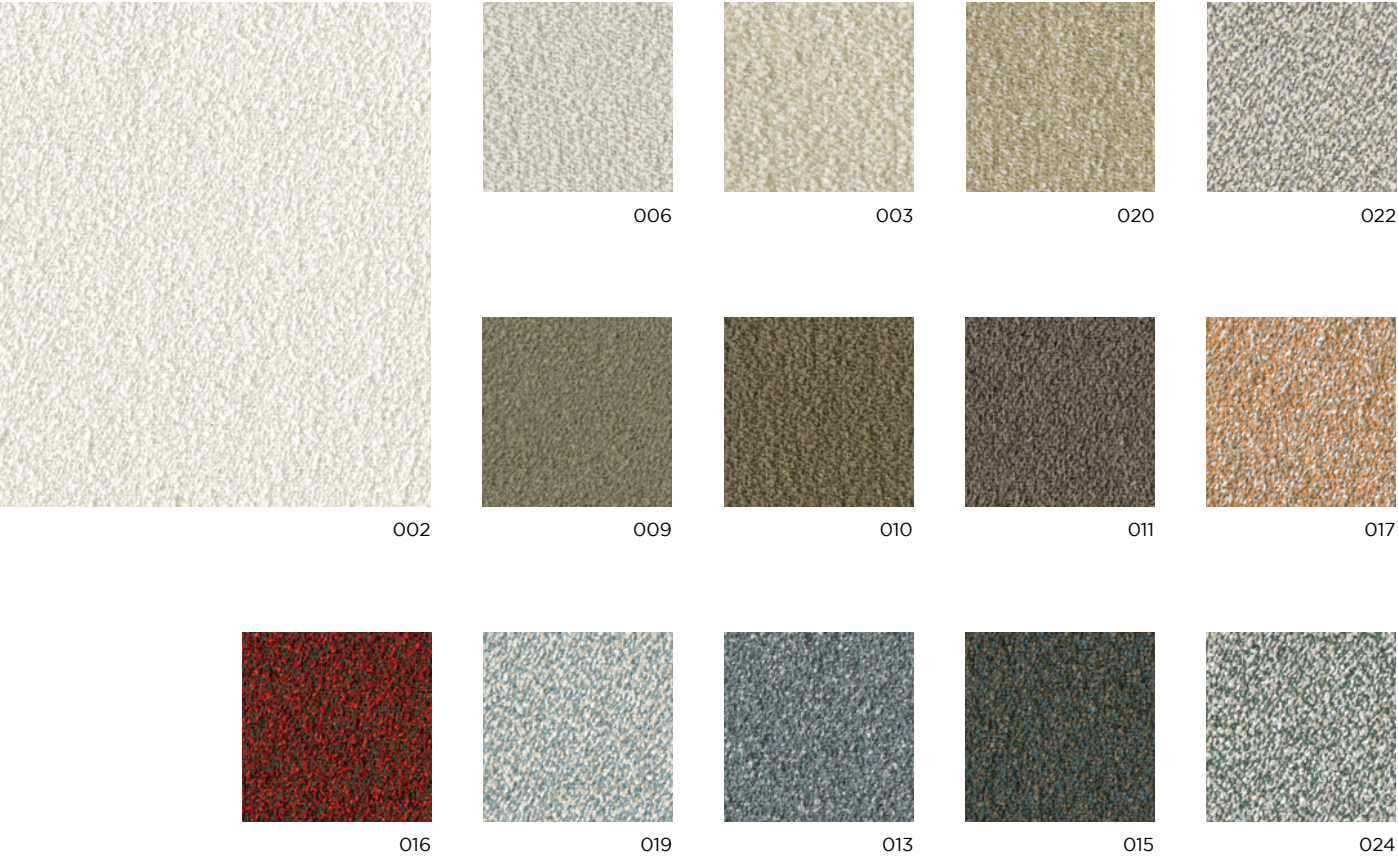
Flammability:
UE: EN 1021 1
UK: BS 5852 0
USA: CAL TB 117 Section 1
USA: NFPA 260 Class 1

Water and urine resistance:
4-5 (UNE EN ISO 105-E01)

Water resistance in seawater and pool water:
4-5 (UNE EN ISO 105-E02 y UNE EN ISO 105-E03)



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COSMIC

SERIE 4

TECHNICAL DETAILS

Composition:
100% PES (Polyester)

Weight: 690gr/m² ± 2%

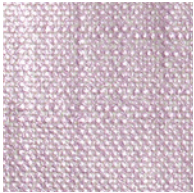
Abrasion resistance:
20.000 Martindale cycles (UNE EN ISO 12947-2:2017)

Rubbing fastness:
4-5 (UNE EN ISO12945-2:2002)

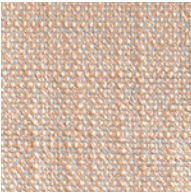
Light artificial stability:
5 (UNE EN ISO 105-B02:2014)



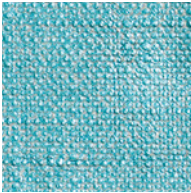
Cosmic Silvery



Cosmic Lilac



Cosmic Peach



Cosmic Blue

* Color variations may occur between different batches.
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* Indicative printed samples.

NEBULA

SERIE 4

TECHNICAL DETAILS

Composition:
100% PES (Polyester)

Width: ±140cm
Weight: ±410gr/m²

Abrasion resistance:
50.000 Martindale cycles (UNE-EN ISO 12947 - BS 2543)

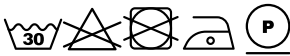
Rubbing fastness:
Dry: 4-5 / Wet: 4-5

Light stability:
6-7 EN ISO 105-B02

Pilling Resistance:
4-5 UNE EN ISO 12945-2

Resistance to seam displacement:
Weft: <3 mm / Warp: <3 mm

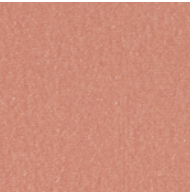
Shrinkage after washing (30°C):
Weft: ≤ 1,5 % / Warp: ≤ 1,5 %



Nebula Lilac



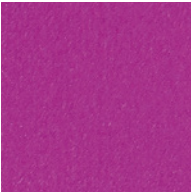
Nebula Green



Nebula Peach



Nebula Aqua



Nebula Magenta

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* Indicative printed samples.

SAMBBO

SERIE 4

TECHNICAL DETAILS

Composition:
70% PES (Polyester) - 30% PU (Polyurethane)

Width: 140 ± 3cm
Weight: 1000gr/m² ± 60

Abrasion resistance:
Dry: 51.200 Martindale cycles / Wet: 25.600 Martindale cycles (EN ISO 20345:2021)

Tear resistance:
≥60 N (EN ISO 4674-1:2016/B)

Water vapor permeability:
≥0.8 Mg(cm²-h) (EN ISO 14268:2012)

Water vapor coefficient:
≥15 Mg/cm² (EN ISO 14268:2012)



Timbe 0009



Bosco 0005



Grigio Chiaro 0008



Antracite 0018



Dark Grey 0023



Dark Blue 0024



Dark Brown 0022



Ottanioo Dollaro
0012



Ottanioo Liscio
0012



Beige 0014



Marrone 0017



Olive 0010



Ruggine 0015

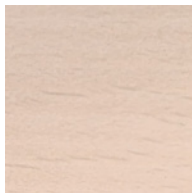
* Color variations may occur between different batches.
* Photographic scans of fabric are not accurate in terms of color.
* Indicative printed samples.

FINISHES

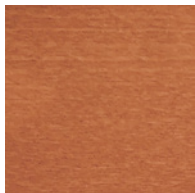
74	VARNISHES
76	LACQUERS
77	METALS
78	PHENOLIC COMPACT
79	MELAMINE

VARNISHES

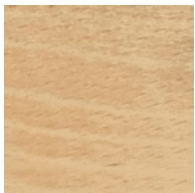
FINISHES



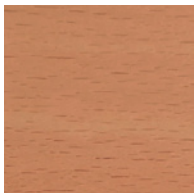
00 Haya Blanqueada



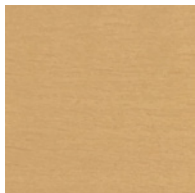
06 Cerezo Rojizo



12 Natural



08 Roble Claro



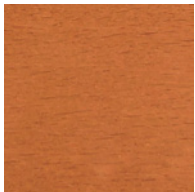
01 Roble



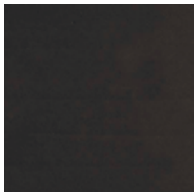
11 Roble Oscuro



18 Cerezo Claro



24 Cerezo



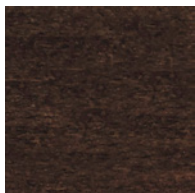
19 Wengué Oscuro



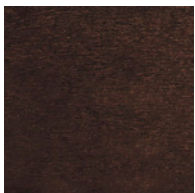
17 Cerezo Oscuro



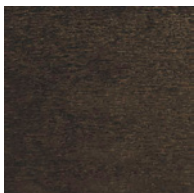
27 Ceniza



07 Nogal



20 Nogal Rojizo



21 Nogal Oscuro



02 Wengué

* Indicative printed samples.



Salvia



Menta



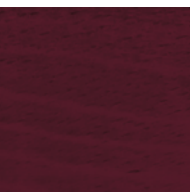
Verde



TM



Terracota claro



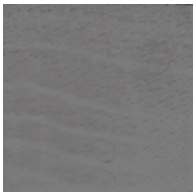
Burdeos



Océano



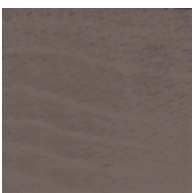
Gris Niebla



Gris



Nuez



Moka



Blanco

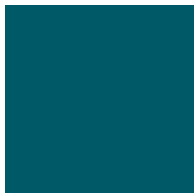


Negro

* Indicative printed samples.

LACQUERS

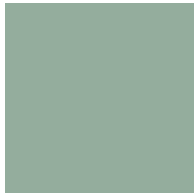
FINISHES



Salvia



Verde



Menta



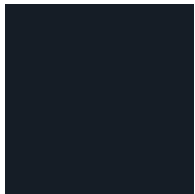
Tm



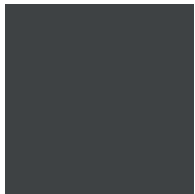
Terracota



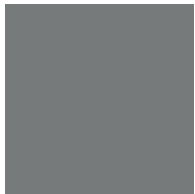
Terracota Claro



Océano



Gris Niebla



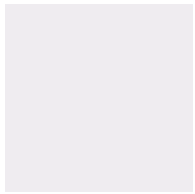
Gris



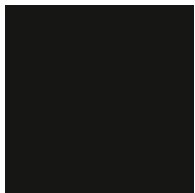
Nuez



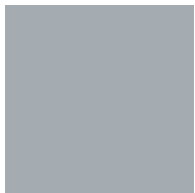
Moka



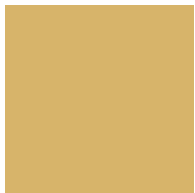
Blanco



Negro



Cromo



Dorado

* Indicative printed samples.

METALS

FINISHES



Salvia



Verde



Menta



Tm



Terracota



Terracota Claro



Océano



Gris Niebla



Gris



Nuez



Moka



Blanco



Negro



Cromo



Dorado

* Indicative printed samples.

PHENOLIC COMPACT

FINISHES



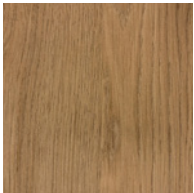
Blanco



Antracita



Roble 24



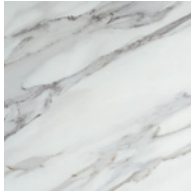
Nogal



Vintage



Mármol Negro



Calacata



Cemento

* Indicative printed samples.

MELAMINE

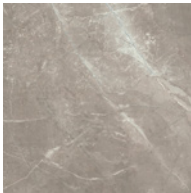
FINISHES



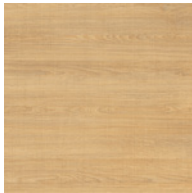
01 Negro Soft



02 Mármol Blanco



03 Mármol Atenea



04 Roble Hera



05 Nogal Siroko



07 Britannia Oak



09 Roble Colorado



10 Pino Chamonix



12 Roble Bardolino



19 Roble Gladstone
Natural



15 Roble Sorano
Claro



17 Roble Vicenza



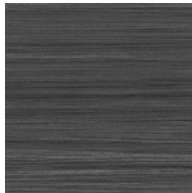
Nogal Lincon



Roble Vicenza Gris



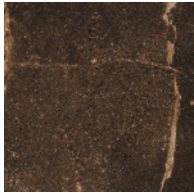
Fresno Trondheim



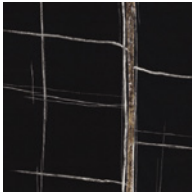
18 Finline Metallic
Antracite



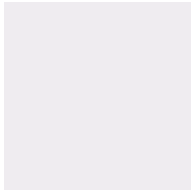
Nogal Carini Natural



Lava Stone



Mármol Sahara



Blanco

* Indicative printed samples.

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