## INCLASS



# ESITT FINISHES BOOK

Fabrics / Leathers / Materials



# BASES ALUMINUM BASES





## G1 - ASIS NEW

### TECHNICAL DATA

Composition:

100% polyester.

Light fastness:

5 - 6, ISO 105 B02, Method 2.

Abrasion:

100.000 Martindale EN ISO 12947-2.

Resistance to pilling:

4 - 5, ISO 12945-2:002.

Rubbing fastness in humid state:

4, ISO 105-X12.

Rubbing solvents:

4, ISO 105-X12.

Tear strength:

Warp 140N.

Weft 110N, EN ISO 13937-3.

Flammability:

EN 1021 - 1/2.

BS 5852 O.

BS 7176 Low Hazard.

CAL TB 117 Section 1.

NFPA 260 Class 1.

Regulation n° 118 UNECE Annexed 6.

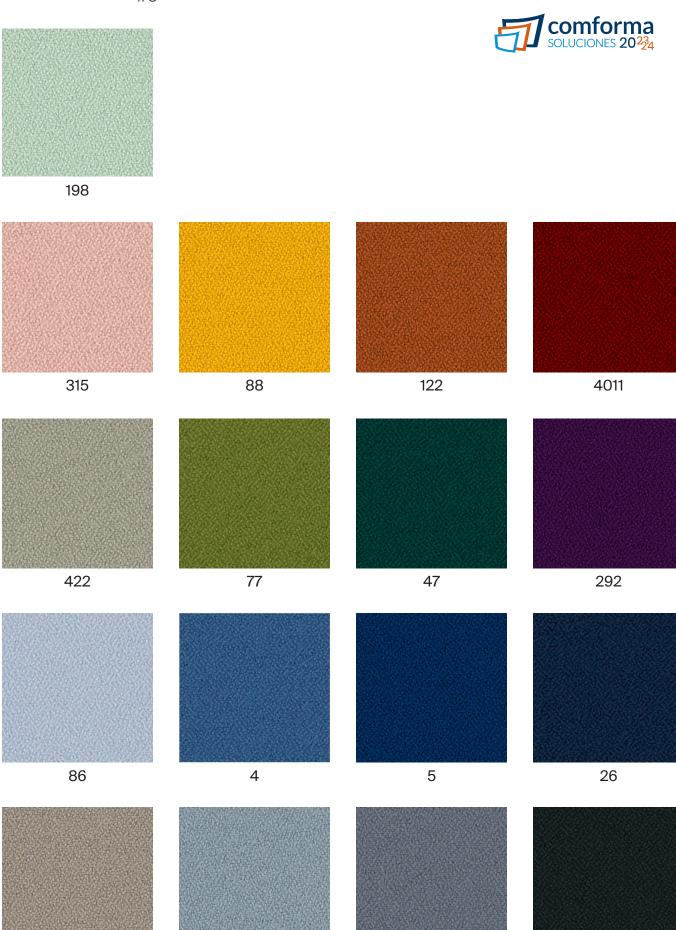
IMO MSC.307 (88) Annexed I Part 8.

Width: 140cm Weight: 335gr/m<sup>2</sup>



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## G2 - ARS NEW



### **TECHNICAL DATA**

Composition:

100% polyester.

Light fastness:

5, ISO 105 B02, Method 2.

Abrasion:

90.000 Martindale EN ISO 12947-2.

Resistance to pilling:

4 - 5, ISO 12945-2:002.

Rubbing fastness in humid state:

5, ISO 105-X12:2001.

Rubbing solvents:

4 - 5, ISO 105-X12:2001.

Seam strength:

Warp 3,7mm.

Weft 0,2mm, EN ISO 13936-2.

Seam strength:

Warp 75,6N.

Weft 65,1N, EN ISO 13937-3.

Flammability:

EN 1021 - 1 (cigarette).

**Environment:** 

OEKO-TEX® Standard 100.

Width: 140cm Weight: 250gr/m<sup>2</sup>



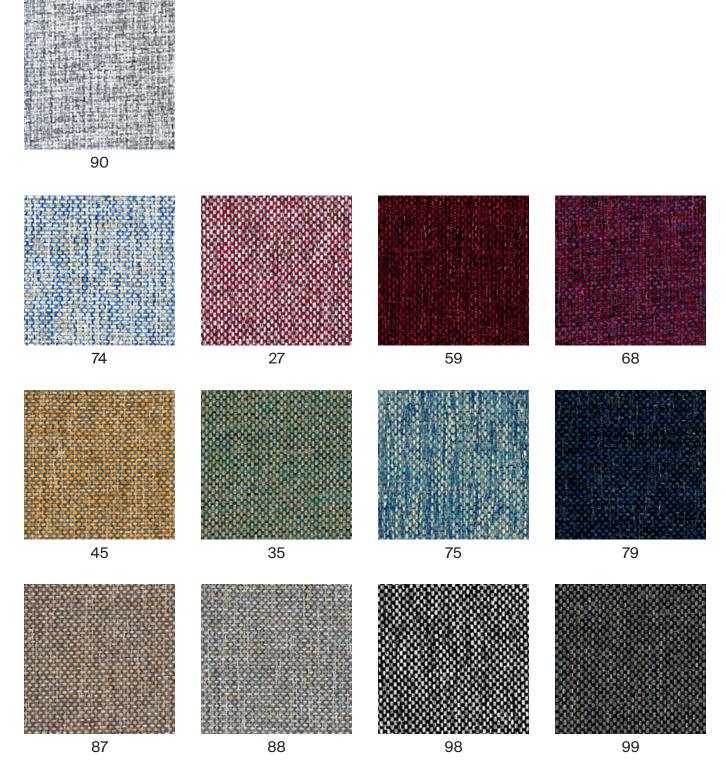
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## G2 - PIXEL

### TECHNICAL DATA

### Composition:

100% polyolefin.

### Light fastness:

5 - 6. UNE-EN ISO 105-B02:2001 +A1:2002. Method 2.

### Abrasion:

40.000 Martindale EN ISO 14465:2004.

### Resistance to pilling:

4 - 5, UNE-EN 14465:2004.

### Dye fastness to rubbing:

Wet 4 - 5.

Dry 4 - 5, UNE-EN ISO 105-X12:2003.

### Tear Resistance:

Warp 120N.

Weft 130N UNE-EN ISO 13937-3:2001.

### Flammability:

EN 1021-1:2015 (cigarette) BS 5852:2006 (cigarette)

DIN 66084:2003-7 classification P-c

CAL TB 117:2013 Section 1: COVER FABRIC TEST NFPA 260:2013 CLASS 1.

Width: 140cm Weight: 255gr/m<sup>2</sup>









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G2 - PIXEL



## G2 - CORA

### TECHNICAL DATA

Composition:

100% polyester.

Light fastness:

5 EN ISO 105-B02, Method 2.

Abrasion:

83.000 Martindale EN ISO 12947-1, 2.

Resistance to pilling:

4, EN ISO 12945-2:2002.

Rubbing fastness in humid state:

5, ISO 105-X12:2001.

Rubbing solvents:

5, ISO 105-X12:2001.

Seam strength:

Warp 2,5mm.

Weft 3,7mm, ISO 13936-2.

Tear strength:

Warp exceed 154,2N.

Weft exceed 112,3N, EN ISO 13937-3.

Flammability:

EN 1021 - 1 (cigarette).

Width: 140cm Weight: 330gr/m<sup>2</sup>











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## G2 - HILTON

### TECHNICAL DATA

### Composition:

100% polyester.

### Light fastness:

4, ISO 105 B02:1994.

### Abrasion:

>25.000 Martindale ISO 12947-2:1998.

### Resistance to pilling:

4 - 5, ISO 12945-2.

### Tear strength:

Warp 63N.

Weft 63N, ISO13937-3:2000.

### Dye fastness to rubbing:

Wet 4 - 5. Dry 4 - 5, ISO 105X12:2001.

Width: 140cm Weight: 380gr/m<sup>2</sup>



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- Consult our Fabric and Leather Matrix to know about the availability of this material by product line.







## G2 - ADDO

### **TECHNICAL DATA**

Composition:

80% polyester, 20% cotton.

Light fastness:

5, ISO 105 B02, Method 2.

Abrasion:

40.000 Martindale ISO 12947-1, 2.

Resistance to pilling:

4, ISO 12945-2:002.

Rubbing fastness in humid state:

3, ISO 105-X12:2001.

Rubbing solvents:

4 - 5, ISO 105-X12:2001.

Seam strength:

Warp 3mm.

Weft 2mm, ISO 13936-2.

Tear strength:

Warp exceed 175,1N.

Weft exceed 120,7N, EN ISO 13937-3.

Flammability:

EN 1021 - 1 (cigarette).

Width: 140cm Weight: 365gr/m<sup>2</sup>



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G2 - ADDO

## G2 - NETEX NEW

### 3D MESH

### **TECHNICAL DATA**

Composition:

PES 100%.

Lightfastness:

4 - 5, ISO 105-B02.

Abrasion:

45.000 Martindale, EN ISO 12947-2.

Breaking strength:

Wrap N 620.

Weft N 1.200, EN ISO 13934-1.

Resistance to pilling:

5, EN ISO 12945-2.

Colour fastness to perspiration:

Acid 5

Alkaline 5, UNE-EN ISO 105-E04.

Flammability:

**CA TB 117** 

EN ISO 10211 Cigarette.

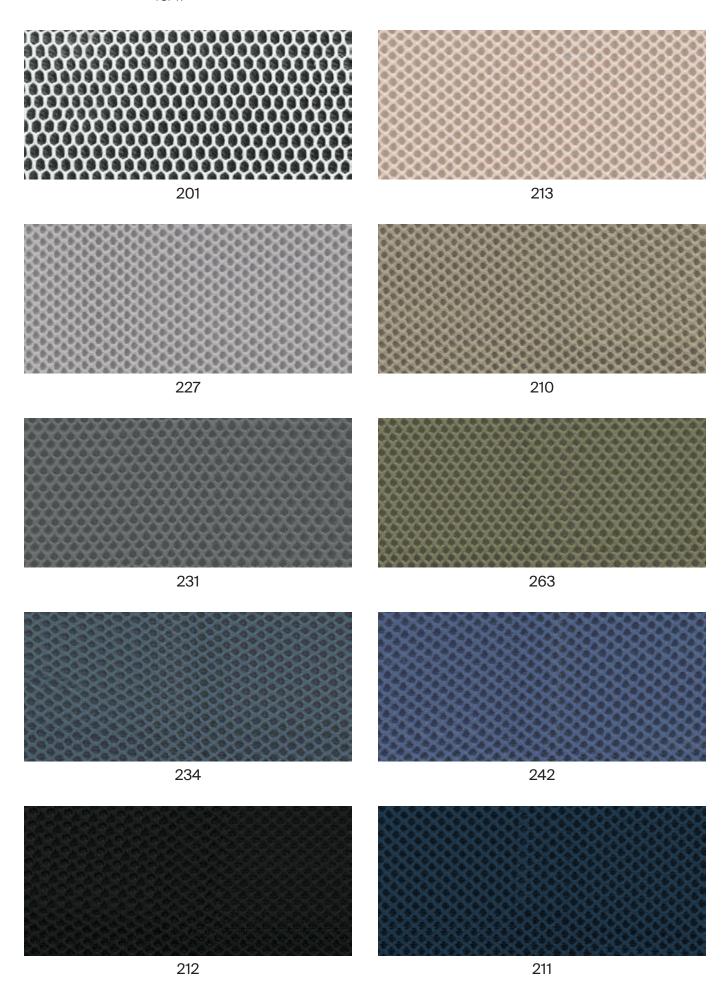
Width: ±160cm Weight: ±300gr/m<sup>2</sup>



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## G3 - CALMA NEW

### **TECHNICAL DATA**

### Composition:

Topcoat: 70% Vinyl, 30% P.U. Backing: 100% Microfiber Polyester.

### Light fastness:

>4.

### Abrasion:

>100.000 Martindale.

### Breaking strength:

Warp >180N.

Weft >330N, ISO 1421.

### Tear strength:

Warp >25N/cm.

Weft >28N/cm, ISO 4674-1.

### Flex Bally:

>100.000 cycles.

Width: 140cm. Weight: 853gr/m<sup>2</sup>.











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G3 - CALMA

## G3 - RIVET NEW

### By Camira

### **TECHNICAL DATA**

Composition:

100% REPREVE® recycled polyester.

Light fastness:

6, EN ISO 105-B02: 2014, Method 3.

Abrasion:

≥80.000 Martindale EN ISO 12947-2: 2016

Fastness to rubbing:

Wet 4.

Dry 4, ISO 105 X12.

Flammability:

EN 1021 - 1 (cigarette).

EN 1021 - 2 (match).

BS 7176 Low Hazard.

UNI 9175 Class 1 IM.

**Environment:** 

Complies with EU Ecolabel.

Certificate Indoor Advantage™ Gold.

Width: 140cm Weight: 280gr/m<sup>2</sup>









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100% recycled material Recycled

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## G3 - ERA NEW

### By Camira

### **TECHNICAL DATA**

### Composition:

100% polyester.

### Light fastness:

5, EN ISO 105 B02.

### Abrasion:

≥100.000 Martindale EN ISO 12947.

### Fastness to rubbing:

Wet 4.

Dry 4, ISO 105 X12.

### Flammability:

EN 1021 - 1 (cigarette).

EN 1021 - 2 (match).

BS 7176 Low Hazard.

EN 13501-1 Adhered Class B, s1, d0.

EN 13501-1 Un-adhered Class C, s1, d0.

### **Environment:**

OEKO-TEX® Standard 100.

Certificate Indoor Advantage™ Gold.

Width: 140cm Weight: 320gr/m<sup>2</sup>



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## G3 - MEDLEY

### By Gabriel

### **TECHNICAL DATA**

Composition:

100% polyester.

Light fastness:

5 - 7, EN ISO 105 B02.

Abrasion:

75.000 Martindale EN ISO 12947-2.

Resistance to pilling:

4, EN ISO 12945-2.

Fastness to rubbing:

Wet 4 - 5.

Dry 4 - 5, ISO 105 X12.

Flammability:

BS EN 1021 1&2 Cigarette and Match.

BS EN 1021-1 Cigarette.

BS 5852 Part 1 0,1 Cigarette and Match.

BS 476 Part 7, class 2.

Class Uno UNI 9174 - UNI 8457.

ÖNORM B 3825-B2-3800-Q1 UK.

CA TB 117-2013

ASTM E 84.

**Environment:** 

Oeko-Tex® standard 100

100% free of heavy metals.

Width: 140cm Weight: 510gr/m<sup>2</sup>



\*\*\*Batch to batch variations may occur within commercial tolerances.





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## G4 - MAIN LINE FLAX NEW

### By Camira

### **TECHNICAL DATA**

Composition:

75% virgin wool, 25% flax.

Light fastness:

5, ISO 105 B02.

Abrasion:

≥50.000 Martindale EN ISO 12947-2:1999.

Resistance to pilling:

4 - 5, ISO 12945-2.

Fastness to rubbing:

Wet 3.

Dry 4, ISO 105 X12.

Flammability:

EN 1021 - 1 (cigarette).

EN 1021 - 2 (match).

BS 7176 Low Hazard.

BS 5852 Ignition source 5.

BS 7176 Medium Hazard.

NF D 60-013.

ÖNORM B 3825 & A 3800-1.

UNI 9175 Class 1 IM.

BS 5867-2: Type B Curtains & Drapes.

IMO FTP Code (Part 8).

### **Environment:**

Complies with EU Ecolabel.

Certificate Indoor Advantage™ Gold.

Width: 140cm Weight: 437gr/m<sup>2</sup>



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- Consult our Fabric and Leather Matrix to know about the availability of this material by product line.



G3 - MAIN LINE FAX

## G4 - CONNECT NEW

### By Gabriel

### **TECHNICAL DATA**

### Composition:

48% wool, 41% recycled polyester, 9% polyamide, 2% polyester.

### Light fastness:

5 - 7, ISO 105 B02.

### Abrasion:

90,000 Martindale EN ISO 12947-2.

### Resistance to pilling:

4 - 5, ISO 12945-2.

### Fastness to rubbing:

Wet 4 - 5.

Dry 4 - 5, ISO 105 X12.

### Flammability:

EN 1021 - 1 (cigarette).

EN 1021 - 2 (match).

BS 5852 Crib 5.

CA TB 117-2013.

Class Uno UNI 9175 Class 1 I EMME.

### **Environment:**

Oeko-Tex® standard 100. Complies with EU Ecolabel.

Width: 140cm Weight: 370gr/m<sup>2</sup>



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41% recycled material Post Consumer Recycled Polyester

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G4 - CONNECT



## G4 - VALENCIA

### By Spradling

### **TECHNICAL DATA**

Composition:

Topcoat: 100% Vinyl.

Backing: 100% Polyester Hi-Loft<sup>2TM</sup>.

Light fastness:

1000 hours, XENOTEST DIN 54004/NTC 1479.

Abrasion:

300.000 cycles de Martindale EN ISO 12947:1999 Part 2.

Cold crack resistance:

-23°C.

Characteristics:

Antimicrobial protection.

Anibacterial protection.

Antimycotic protection.

Flammability:

EU: EN 1021 Part 1 y 2.

ES: UNE 23.727-90 1R/M.2.

FR: NF P 92-503/M2.

DE: DIN 4102 B2.

IT: UNI 9175 (1987) / UNI 9175/FA1 (1994) Classe 1.IM (UNO I EMME).

AT: ÖNORM B 3825, Gruppe 1 - Schwerbrennbares Verhalten.

AT: ÖNORM A 3800 Teil 1, Qualmbildungsklasse Q1 - schwachqualmend.

IMO FTP 2010 Code MSC.307 (88) Part 8 3.1 & 3.2.

US: FMVSS 302.

US: FAR 25/853.

(MED) Marine Equipment Directive.

ECE R118.02 (replaces Directive 95/28/CE) Annexes 6, 7 & 8.

EN 71-2:2006+A1:2007 - Toy safety - Parte 2: Inflamability.

Width: 140cm Weight: 685gr/m<sup>2</sup>





















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- Consult our Fabric and Leather Matrix to know about the availability of this material by product line.





G4 - VALENCIA



## G4 - STEP

### By Gabriel

### **TECHNICAL DATA**

Composition:

100% trevira CS.

Light fastness:

5 - 7, ISO 105 B02.

Abrasion:

100.000 Martindale EN ISO 12947.

Resistance to pilling:

4 - 5, ISO 12945-2.

Fastness to rubbing:

Wet 4 - 5. - Dry 4 - 5, ISO 105 X12.

Flammability:

IMO MSC 307(88) Annex 1 part 8.

MED.

Certificate IMO.

DIN 4102 B1.

NFP 92-503/504/505 M1.

BS EN 1021 1&2 Cigarette and Match.

BS EN 1021-1 Cigarette.

BS 5852 Part 1 0,1 Cigarette and Match.

BS 5852 Crib 5.

ÖNORM B 3825-B1-3800-Q1 UK.

FAR/JAR 25.853 (a) (i) (ii).

BS 7176 Medium hazard.

AM 18 - NF D 60-013-(only for fabric).

CA TB 117-2013.

Class Uno UNI 9175 Class 1 I EMME.

DIN EN 13501-1 B-s1,d0.

### **Environment:**

Oeko-Tex - EU Ecolabel - 100% free of heavy metals.

Width: 140cm Weight: 470gr/m<sup>2</sup>









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G4 - STEP



## G4 - VELVET MESH

NEW

### **TECHNICAL DATA**

Composition:

60% PA - 40% PL

Light fastness:

6 - Tolerance 5 to 8. (Blue scale) - Xenotest UNI EN ISO 105-B02.

Abrasion:

120.000 Martindale, EN ISO 12947-2.

Resistance to pilling:

5 - Tolerance 4 to 5. EN ISO 12945-2.

Dye fastness to rubbing:

4/5 - Tolerance 4 to 5. UNE-EN ISO 105-X12.

Inflamability:

UNE EN 1021-1.

CAL TB 117.

\*Flammability performance is dependent on foam and glue used.

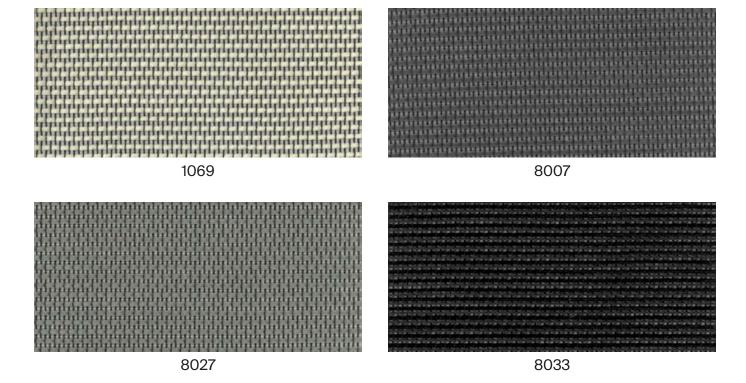
Widht: ±140cm Weight: ±260gr/m<sup>2</sup>



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# G4 - MAXI NEW 3D MESH

### TECHNICAL DATA

Composition:

100% recyclable polyamide.

Lightfastness:

≥5, ISO 105-B02.

Abrasion:

50.000 Martindale, EN ISO 12947-2.

Breaking strength:

Warp N 990 ±5%.

Weft N 439 ±5%, EN ISO 13934-1.

Resistance to pilling:

≥4/5, EN ISO 12945-2.

Dye fastness to rubbing:

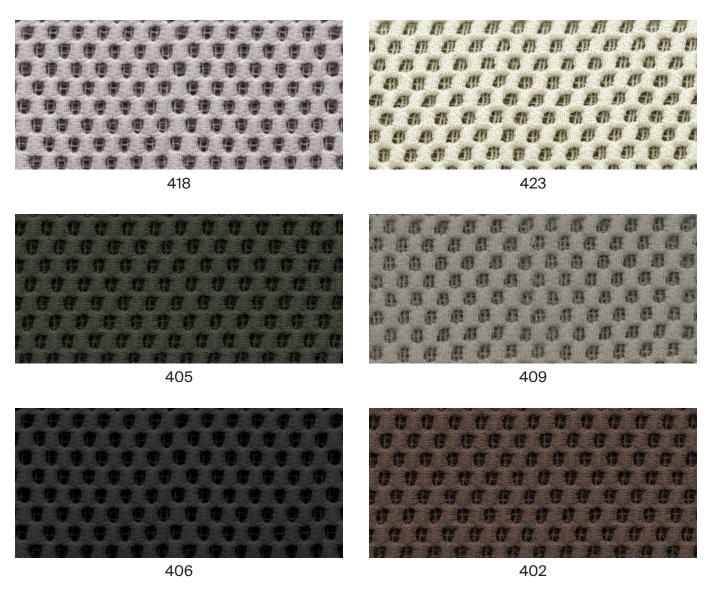
≥4/5, UNE-EN ISO 105-X12.

Widht: ±140cm Weight: ±550gr/m<sup>2</sup>



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- Consult our Fabric and Leather Matrix to know about the availability of this material by product line.





# G5 - DOLCE

## By Spradling

**NEW** 

### TECHNICAL DATA

#### Composition:

Topcoat: 100% polyurethane.

Backing: 100% rayon.

#### Light fastness:

40 hours, XENOTEST DIN 54004/NTC 1479.

#### Abrasion:

≥300.000 Martindale EN ISO 12947:1999 Part 2.

#### Cold crack resistance:

-23°C.

#### Characteristics:

Antibacterial protection.

#### Flammability:

EU: EN 1021 Part 1 y 2 US: FMVSS 302

UK: BS 5852 Part 2 CRIB 5

IMO FTP 2010 Code MSC.307 (88) Part 8 3.1 & 3.2.

Width: 140cm Weight: 685gr/m<sup>2</sup>













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- Consult our Fabric and Leather Matrix to know about the availability of this material by product line.



G5 - DOLCE



# G5 - SYNERGY

### By Camira

### **NEW**

#### **TECHNICAL DATA**

Composition:

95% virgin wool, 5% polyamide.

Light fastness:

5, ISO 105-B02.

Abrasion:

≥100.000 Martindale EN ISO 12947.

Fastness to rubbing:

Wet 4.

Dry 4, ISO 105 X12.

Flammability:

EN 1021 - 1 (cigarette).

EN 1021 - 2 (match).

BS 7176 Low Hazard.

NF D 60-013.

ÖNORM B 3825 & A 3800-1 (sobre 58kg/m<sup>3</sup> Foam CMHR).

UNI 9175 Classe 1 IM.

EN 13501-1 Adhered Class D, s1, d0.

EN 13501-1 Un-adhered Class E, s2, d0.

IMO FTP Code (Part 8).

**Environment:** 

Complies with EU Ecolabel.

Certificate Indoor Advantage™ Gold.

Width: 140cm Weight: 400gr/m<sup>2</sup>











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- Consult our Fabric and Leather Matrix to know about the availability of this material by product line.



G5 - SYNERGY



## G5 - REMIX

## By Kvadrat

#### **TECHNICAL DATA**

Designer:

Giulio Ridolfo.

Composition:

90% new wool, 10% nylon.

Light fastness:

5 - 7, ISO 105-B02.

Abrasion:

100.000 Martindale EN ISO 12947.

Resistance to pilling:

4, EN ISO 12945.

Flammability:

AS/NZS 1530.3.

BS 5852 part 1.

EN 1021-1/2.

IMO FTP Code 2010: Part 8.

NF D 60 013.

NFPA 260.

Önorm B1/Q1.

UNI 9175 1IM.

US Cal. Bull. 117-2013.

#### **Environment:**

Complies with EU ecolabel "The Flower".

100% free of heavy metals.

Width: 140cm Weight: 415gr/m<sup>2</sup>



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- Consult our Fabric and Leather Matrix to know about the availability of this material by product line.



G5 - REMIX





### By Kvadrat

#### TECHNICAL DATA

Designer:

Giulio Ridolfo.

Composition:

90% new wool, 10% nylon.

Light fastness:

5 - 7, ISO 105-B02.

Abrasion:

100.000 Martindale EN ISO 12947.

Resistance to pilling:

4 - 5, EN ISO 12945.

Flammability:

AS/NZS 1530.3.

BS 5852 Crib 5 when flameprotected.

BS 5852, ignition source 3.

BS 5852 part 1.

DIN 4102 B2.

IMO FTP Code 2010: Part 8.

NF D 60 013.

NFPA 260.

Önorm B1/Q1.

UNI 9175 1IM.

US Cal. Bull. 117-2013.

#### **Environment:**

Complies with EU ecolabel "The Flower".

100% free of heavy metals.

Width: 140cm Weight: 480gr/m<sup>2</sup>.



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- Consult our Fabric and Leather Matrix to know about the availability of this material by product line.



G5 - CANVAS

## G6 - STEELCUT TRIO

### By Kvadrat

### **TECHNICAL DATA**

Designer:

Frans Dijkmeijer and Giulio Ridolfo.

Composition:

90% new wool, 10% nylon.

Light fastness:

5 - 7 ISO 105-B02.

Abrasion:

100.000 Martindale EN ISO 12947.

Resistance to pilling:

4, EN ISO 12945.

Flammability:

AS/NZS 1530.3

AS/NZS 3837 class 2.

BS 5852 part 1.

DIN 4102 B2.

EN 1021-1/2.

IMO FTP Code 2010: Part 8.

NF D 60 013.

NFPA 260.

Önorm B1/Q1.

UNI 9175 1IM.

US Cal. Bull. 117-2013.

**Environment:** 

Complies with EU ecolabel "The Flower".

100% free of heavy metals.

Width: 140cm Weight: 770gr/m<sup>2</sup>





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- Consult our Fabric and Leather Matrix to know about the availability of this material by product line.



G6 - STEELCUT TRIO

## G6 - FIORD



### By Kvadrat

#### **TECHNICAL DATA**

Designer:

Louise Sigvardt & Tone Barnung.

Composition:

92% new wool, 8% nylon.

Light fastness:

5 - 7, ISO 105-B02.

Abrasion:

60.000 Martindale EN ISO 12947.

Resistance to pilling:

4 - 5, EN ISO 12945.

Flammability:

AS/NZS 3837 class 2.

ASTM E84 Class A Adhered.

ASTM E84 Class A Unadhered.

BS 5852 part 1.

EN 1021-1/2.

IMO FTP Code 2010:Part 8.

NF D 60 013.

NFPA 260.

ÖNORM B1/Q1.

UNI 9175 1IM.

US Cal. Bull. 117-2013.

#### **Environment:**

Complies with EU ecolabel "The Flower" 100% free of heavy metals.

Width: 140cm Weight: 500gr/m<sup>2</sup>

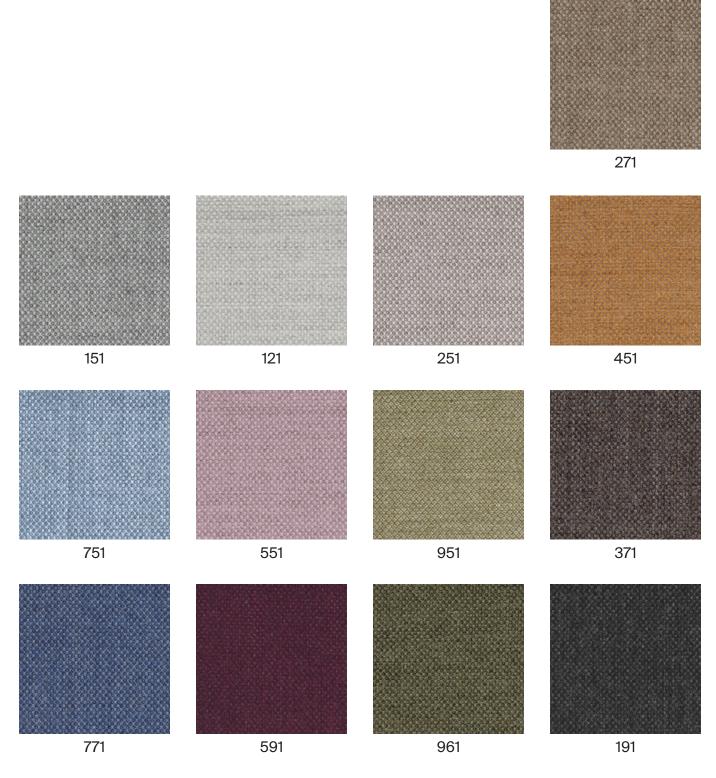


\*\*\*Batch to batch variations may occur within commercial tolerances.





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- Consult our Fabric and Leather Matrix to know about the availability of this material by product line.



G6 - FIORD

## G7 - HALLINGDAL

### By Kvadrat

#### **TECHNICAL DATA**

Designer:

Nanna Ditzel.

Composition:

70% new wool, 30% viscose.

Light fastness:

5 - 7 ISO 105-B02.

Abrasion:

100.000 Martindale EN ISO 12947.

Resistance to pilling:

3, EN ISO 12945.

Flammability:

AS/NZS 1530.3.

AS/NZS 3837.

BS 5852 Crib 5.

BS5852 part 1.

DIN 4102 B2.

EN 1021-1/2.

IMO FTP Code 2010: Part 8.

NF D 60 013.

NFPA 260.

Önorm B1/Q1.

UNI 9175 1IM.

US Cal. Bull. 117 - 2013.

#### **Environment:**

Complies with EU ecolabel "The Flower".

Width: 140cm Weight: 795gr/m<sup>2</sup>



\*\*\*Batch to batch variations may occur within commercial tolerances.





- The real colours and tones of the fabrics may differ from the digital image due to the scan process and the colour calibration of the different screens. Always request real fabric samples before ordering.
- Consult our Fabric and Leather Matrix to know about the availability of this material by product line.



G7 - HALLINGDAL

## G10 - LEATHER

#### **TECHNICAL DATA**

#### Composition:

Cow leather.

#### Light fastness:

≥4/5, UNI EN ISO 105B02.

#### Fastness to rubbing:

Wet  $\geq$ 4 (150 cycles).

Dry  $\geq$ 4 (500 cycles).

Perspiration ≥4 (80 cycles), UNI EN ISO 11640: 1998 - 11641 (pH8).

#### Tear strength:

>20N, EN ISO 3377-1.

#### **Determination of PH:**

>3,5, EN ISO 4045.

#### Adhesion of the finish:

≥2. UNI EN ISO 11644.

#### Determination of dry ex resistance:

Without damage, UNI EN ISO 5402.

#### Flammability:

Ignition source O (cigarette).

Ignition source 1 (match).

BS 5852-1979.

BS EN 1021-1-2:2006.

#### Thickness:

0,9 - 1,1mm

#### Average surface:

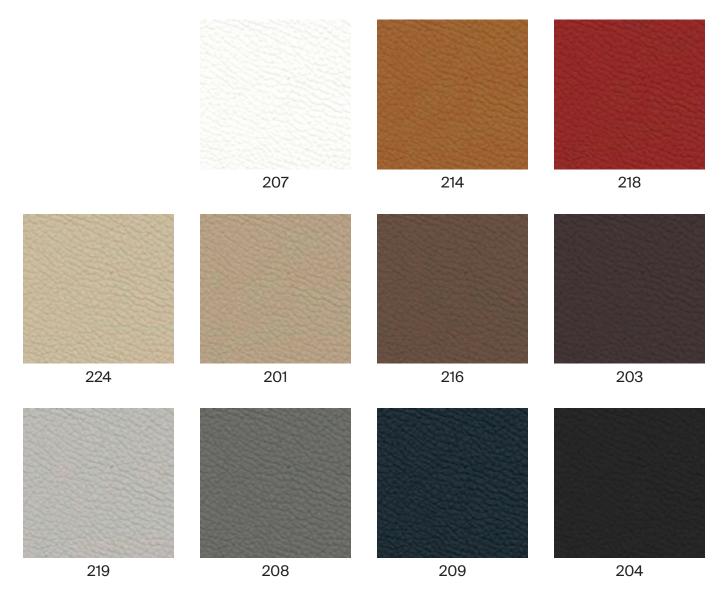
4,8 - 5,0m<sup>2</sup>

#### Maintenance:

Wash with neutral soap and water or with a cleaning product for leather.

\*\*\*Batch to batch variations may occur within commercial tolerances.

- The real colours and tones of the fabrics may differ from the digital image due to the scan process and the colour calibration of the different screens. Always request a real leather sample before ordering.
- Consult our Fabric and Leather Matrix to know about the availability of this material by product line.



G10 - LEATHER

## G11 - LEATHER

#### **TECHNICAL DATA**

Composition:

Cow leather.

Light fastness:

≥5, UNI EN ISO 105B02.

Fastness to rubbing:

Wet  $\geq 4$  (80 cycles).

Dry ≥4 (500 cycles).

Perspiration ≥4 (50 cycles), UNI EN ISO 11640 - 11641.

Tear strength:

≥20N, EN ISO 3377-1.

**Determination of PH:** 

≥3,5 ≤0,7 EN ISO 4045.

Adhesion of the finish:

≥2,5N / 10mm, UNI EN ISO 11644.

Determination of dry flex resistance:

>50.000 cycles, UNI EN ISO 5402-1.

Flammability:

Ignition source O (cigarette)

Ignition source 1 (match), BS 5852-1:79.

Thickness:

0,9 - 1,1mm

Average surface:

4,8 - 5,0m<sup>2</sup>

Maintenance:

Wash with neutral soap and water or with a cleaning product for leather.

\*\*\*Batch to batch variations may occur within commercial tolerances.



- The real colours and tones of the fabrics may differ from the digital image due to the scan process and the colour calibration of the different screens. Always request a real leather sample before ordering.
- Consult our Fabric and Leather Matrix to know about the availability of this material by product line.



G11 - LEATHER