

# Twin technical specification



.mdd

**MDD has a leading position among manufacturers of office furniture with many awards that prove quality and continuously increase demand for its products.**

The realities of today's market require constant quality improvement at all levels of modern organization. This applies in particular to customer service, marketing, quality of products and also to quality of processes within the company.

Partnership relations among employees and with business partners form a base of economic growth and success of the company.

Constant investments in innovative machinery park, optimization of management systems and an expansion of production halls allow to minimize the lead times for the product of the highest quality.

**More than twenty years of experience in office furniture industry come with reference from a long list of companies and institutions to show their appreciation for an efficient and comprehensive service.**

**MDD is highly aware of the environment.**

Being located in the forest region with lake by its side, MDD takes the nature seriously and invests constantly in a modern and energy-efficient solutions to preserve the local life. Company puts emphasis on waste segregation and recycling. MDD has been awarded for the exceptional care and involvement in waste disposal. All materials used are environmentally friendly and enjoy a high 95 % rate of being recycled.



**General informations:**

**Warranty:**

MDD products - **5 years.**

Electrical components and fabric - **2 years.**

**Boards density:**

12 mm - 690 - 750 kg/m<sup>3</sup>

18 mm - 650 - 690 kg/m<sup>3</sup>

28 mm - 610 - 630 kg/m<sup>3</sup>

36 mm - 610 - 630 kg/m<sup>3</sup>

**Certificate - MFC:**



**Certificate - fabric:**



**Assembly:**

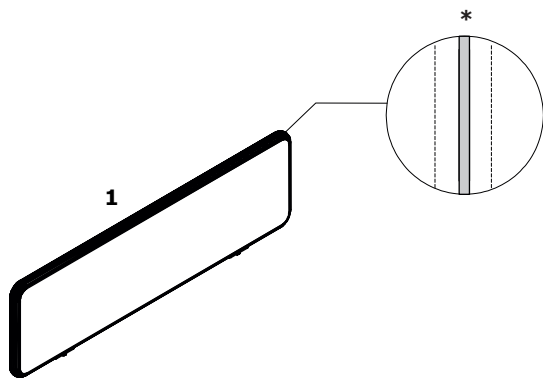
product delivered in separate elements

**Packing:**

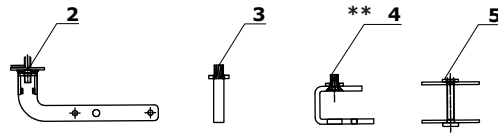
cardboard, packing film

Twin	Dato of preparation 28.11.2019	The data contained in this document is valid in the day of its preparation. Change of the product, as long as it does not affect the basic features of it, does not require consistent updates of the document.	page 2/13 <b>general informations</b>
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Screens



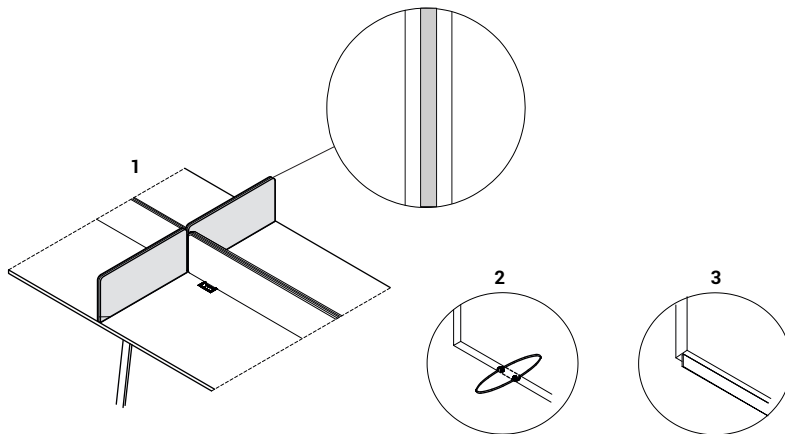
- 1. Twin screens - pinable
- 2. Yan - panel fixing for single desks (OPTION WITH EXTRA CHARGE)
- 3. Yan - brackets for benches included
- 4. Ogi, Ergonomic Master - panel fixing for single desks (OPTION WITH EXTRA CHARGE)
- 5. Ogi - brackets for benches included



\* Ornament - plastic strip in gray colour; \*\* Fixing for 16 - 30 mm thick tops

Side screens for bench desks

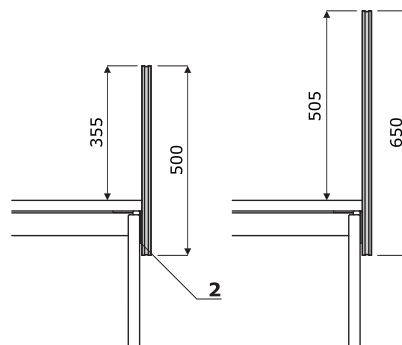
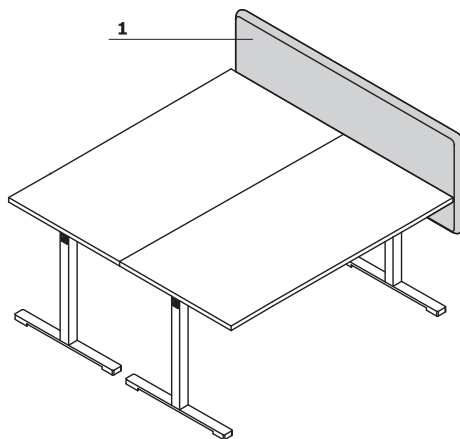
- 1. Twin screens - pinnable, strip colour: aluminum
- 2. Side screen fixings for Ogi desks - foot 2 pcs
- 3. Side screen fixings for Yan desks - slate placed between worktops



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Side screens (mm)

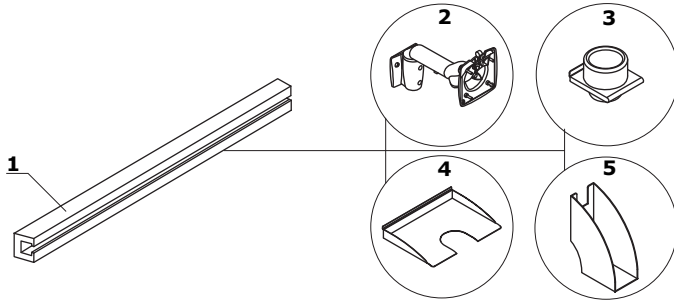
- 1. Side screens - pinnable
- 2. Fixing for side panels Twin, Sonic - powder coated metal, colour: M009 - aluminium semi-matt



Twin	Dato of preparation 28.11.2019	The data contained in this document is valid in the day of its preparation. Change of the product, as long as it does not affect the basic features of it, does not require consistent updates of the document.	page 3/13 technical specification
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Accessories for function rail

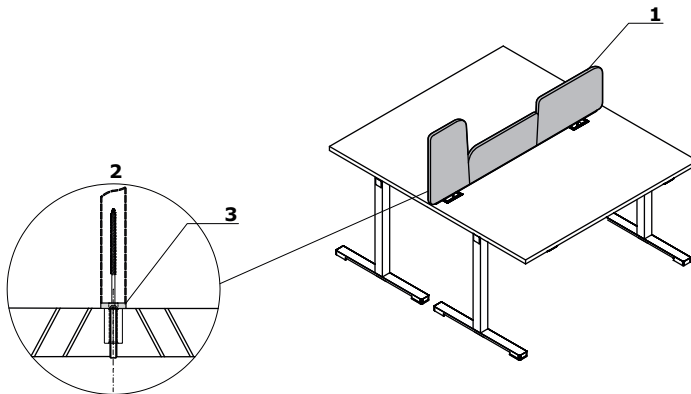
- 1. **Function rail**
- 2. **Monitor holder** - powder coated steel, colour: M009 - aluminium semi-matt
- 3. **Pencil case** - powder coated steel
- 4. **Shelf** - A4 size, powder coated steel
- 5. **Organizer** - powder coated metal



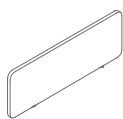
ATTENTION: Only accessories from MDD offer can be mounted

Fabric screens for bench desks

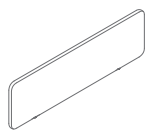
- 1. **Fabric** - pinable
- 2. **Fixing element** - powder coated metal, colour: M009 - aluminium semi-matt
- 3. **Fixing strip** - metal powder coated, colour: M009 - aluminium semi-matt



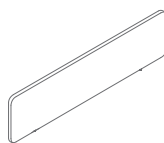
Twin - fabric screens \*



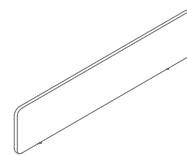
**ZUT12**  
1190 / 30 / 350  
7.1 kg



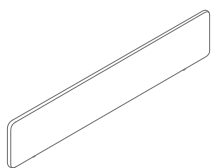
**ZUT14**  
1390 / 30 / 350  
10 kg



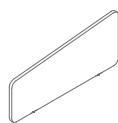
**ZUT16**  
1590 / 30 / 350  
9.5 kg



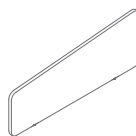
**ZUT18**  
1790 / 30 / 350  
12 kg



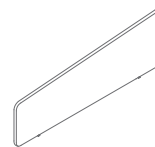
**ZUT20**  
1990 / 30 / 350  
12.5 kg



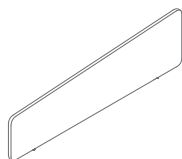
**ZUT22**  
1190 / 30 / 350-450  
10 kg



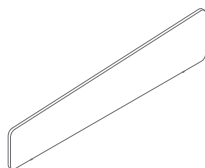
**ZUT24**  
1390 / 30 / 350-450  
11 kg



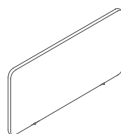
**ZUT26**  
1590 / 30 / 350-450  
12 kg



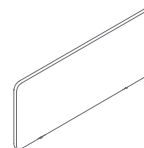
**ZUT28**  
1790 / 30 / 350-450  
13 kg



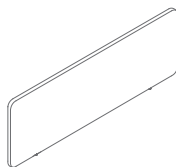
**ZUT29**  
1990 / 30 / 350-450  
14 kg



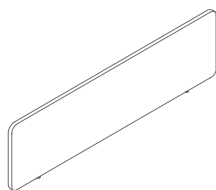
**ZUT52**  
1190 / 30 / 500  
9.5 kg



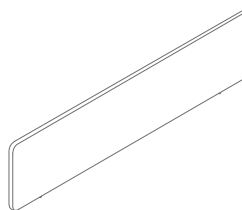
**ZUT54**  
1390 / 30 / 500  
11.5 kg



**ZUT56**  
1590 / 30 / 500  
12.5 kg



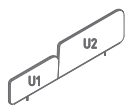
**ZUT58**  
1790 / 30 / 500  
14 kg



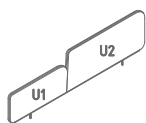
**ZUT59**  
1990 / 30 / 500  
15.5 kg

\* wymiary wyrażone w milimetrach: szerokość x głębokość x wysokość

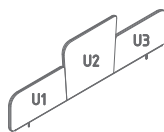
**Twin - fabric screens for bench desks \***



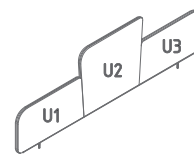
**ZUT32**  
1190 / 30 / 360  
7 kg



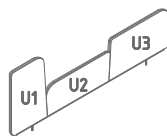
**ZUT34**  
1390 / 30 / 360  
7.5 kg



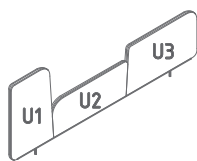
**ZUT36**  
1590 / 30 / 560  
12 kg



**ZUT38**  
1790 / 30 / 560  
13 kg

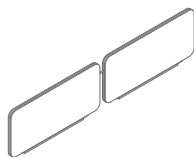


**ZUT46**  
1590 / 30 / 560  
10 kg

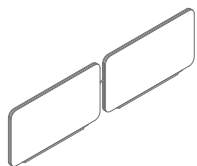


**ZUT48**  
1790 / 30 / 560  
12 kg

**Twin - fabric side screens for bench desks \***



**ZYT78**  
1600 / 30 / 350  
12 kg



**ZYT79**  
1600 / 30 / 500  
12 kg



**ZOT58**  
577 / 30 / 350  
3.8 kg



**ZOT68**  
677 / 30 / 350  
4 kg



**ZOT78**  
777 / 30 / 350  
4.2 kg



**ZOT10**  
577 / 30 / 500  
4.1 kg



**ZOT40**  
677 / 30 / 500  
5.5 kg



**ZOT79**  
777 / 30 / 500  
6 kg

\* wymiary wyrażone w milimetrach: szerokość x głębokość x wysokość

Twin - screens for single desk \*



**ZUT80**  
600 / 30 / 500  
6 kg



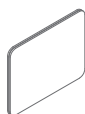
**ZUT90**  
700 / 30 / 500  
6,5 kg



**ZUT30**  
800 / 30 / 500  
7 kg



**ZUT60**  
600 / 30 / 650  
7,5 kg

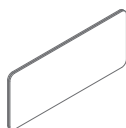


**ZUT70**  
700 / 30 / 650  
8 kg



**ZUT50**  
800 / 30 / 650  
8,5 kg

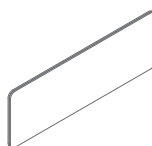
Twin - screens for bench \*



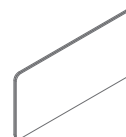
**ZUT11**  
1200 / 30 / 500  
10 kg



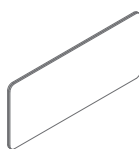
**ZUT41**  
1400 / 30 / 500  
11,5 kg



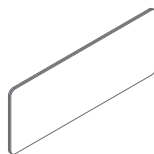
**ZUT31**  
1600 / 30 / 500  
12 kg



**ZUT61**  
1200 / 30 / 650  
12,5 kg



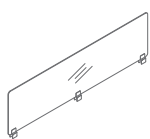
**ZUT71**  
1400 / 30 / 650  
14,5 kg



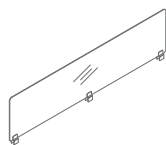
**ZUT51**  
1600 / 30 / 650  
15 kg

\* wymiary wyrażone w milimetrach: szerokość x głębokość x wysokość

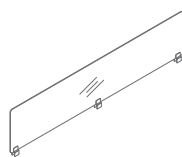
Protective panel \*



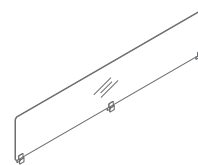
**PUX12**  
1190 / 4 / 350  
3.4 kg



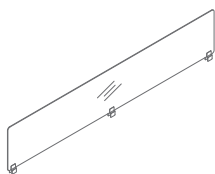
**PUX14**  
1390 / 4 / 350  
3.9 kg



**PUX16**  
1590 / 34 / 350  
4.2 kg



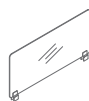
**PUX18**  
1790 / 4 / 350  
4.6 kg



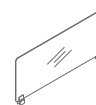
**PUX20**  
1990 / 4 / 350  
4.9 kg



**PUX80**  
577 / 4 / 350  
2.2 kg



**PUX90**  
677 / 4 / 350  
2.3 kg



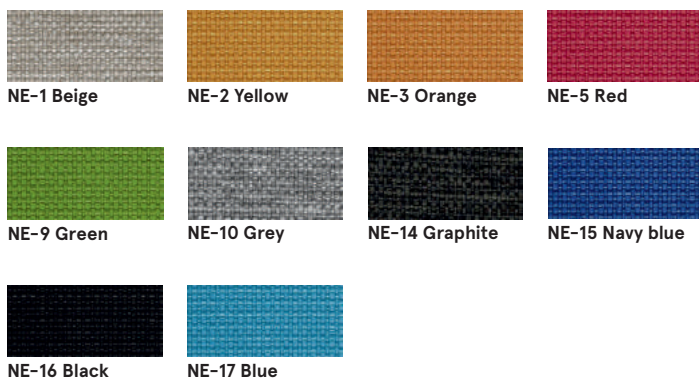
**PUX30**  
777 / 4 / 350  
2.4 kg

\* wymiary wyrażone w milimetrach: szerokość x głębokość x wysokość

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			<b>products</b>



### Fabric Nemo



**Technical data:**

**Material** polyester 100%

**Fabric weight** 366g/m2

**Abrasion resistance rubs** PN\_EN ISO 12947 - 2:2 100,000

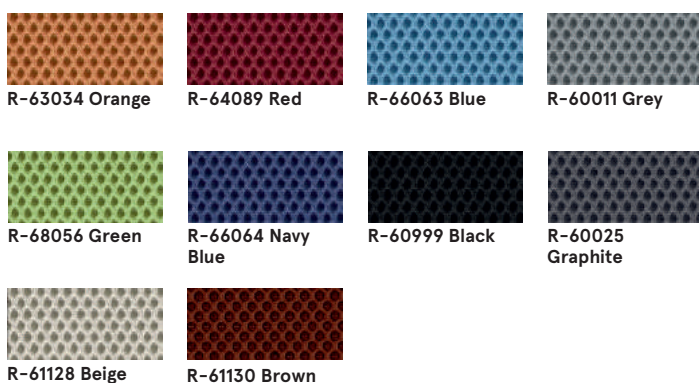
**Pilling resistance** scale 1-8, max. 8, PN-EN ISO 105 - B02 (3-4)

**Colour fastness to light** scale 1-5, max. 5, PN-EN 1021 - 2,

**Colour fastness to rubbing** PN-EN 1021 - 1

skcale 1-5, max. 5, EN ISO 105x12 (wet/dry) 4-5

### Fabric Runner - second price group



**Technical data:**

**Material** 80% polyester, 20% post-consumer recycled polyester

**Fabric weight** 510 g/lm (16.45 oz/lin.yd.)

**Abrasion resistance rubs** BS EN ISO 12947-2 70,000 Martindale cycles

**Pilling resistance** scale 1-5, max 5, EN ISO 12945-2 (4-5)

**Colour fastness to light** scale 1-8, max 8, EN ISO 105-B02 (5-7)

**Colour fastness to rubbing** scale 1-5, max 5, EN ISO 105x12 (wet/dry) 4-5

**Acoustic test sound absorption** ISO 354

**Flammability** BS EN 1021-2 Match, CA TB 117-2013, BS EN 1021-1 (cigarette) Class Uno UNI 9175 Class 2, EMME

### Fabric Medley - second group



**Technical data:**

**Material** polyester 100%

**Fabric weight** 510 g/lm (16.45 oz/lin.yd.)

**Abrasion resistance rubs** BS EN ISO 12947-2, 75,000 cykli Martindale

**Pilling resistance** scale 1-5, max. 5, EN ISO 12945-2 (4)

**Colour fastness to light** scale 1-8, max. 8, EN ISO 105-B02 (5-7)

**Colour fastness to rubbing** scale 1-5, max. 5, EN ISO 105x12 (wet/dry (4-5/4-5))

**Acoustic test sound absorption** ISO 354

**Flammability** BS EN 1021-1 (cigarette) BS 476 Part 7, Class 2 Class Uno UNI 9174 - UNI 8457 CA TB 117-2013 ASTM E 84 Class I

### Fabric Atlantic \* - second price group



**Technical data:**

**Material** polyester 100%

**Fabric weight** 530 g/lm (17.09 oz/lin.yd.)

**Abrasion resistance rubs** BS EN ISO 12947-2, 110,000 Martindale cycles

**Pilling resistance** scale 1-5, max. 5, EN ISO 12945-2 (4-5)

**Colour fastness to light** scale 1-8, max. 8, EN ISO 105-B02 (5-7)

**Colour fastness to rubbing** scale 1-5, max. 5, EN ISO 105x12 (wet/dry)

**Flammability** CA TB 117-2013  
ASTM E 84 Class I  
BS EN 1021-2 (match)  
BS EN 1021-1 (cigarette)

### Fabric River - second group



**Technical data:**

**Material** polyester 100%

**Fabric weight** 300g/m2 (+/- 5%)

**Abrasion resistance rubs** 100,000 Martindale cycles (EN ISO 12947-1,2)

**Pilling resistance** EN ISO 12945-2 (5)

**Colour fastness to light** 4 (EN ISO 105-B02)

**Colour fastness to rubbing** dry: 4-5, wet: 3 (EN ISO 105-x12)

**Flammability** BS 5852: Part 1, Ignition Source 0 (cigarette)  
BS 5852: Part 1, Ignition Source 1 (match)  
En1021 - 2

### Fabric Vita - second price group



**Technical data:**

**Material** Surface: 98,5% PVC, 1,5% PU  
Substrate: 50% poliester, 50% Cotton

**Fabric weight** 850g/m2 ± 10% (1190G/lin. m ± 10%)

**Abrasion resistance rubs** BS EN ISO 5470-2, 100,000 Martindale cycles

**Colour fastness to light** 6 (ISO 105 - B02)

**Colour fastness to rubbing** wet: 4, dry: 4 (ISO 105 - X12)

**Flammability** BS EN 1021 - (cigarette)  
BS EN 1021 - 2 (match)  
BS 5852 - (Ignition Source 5)  
BS 7176 - (Medium Hazard)

**Flexes** BS EN ISO 7854 - Method B, 400.000 Flexing cycles

**Anti-microblal / Anti-fungal** AATCC 147

\* There is a possibility of ordering the product in full colour spectrum of Atlantic range, as per Gabriel's pattern book, within 8 weeks

### Fabric Xtreme - third price group



**Technical data:**

**Material** 100% Trevira Clame (CS)  
100% Recykring (YS)  
Flame Retardant polyester.  
Non metallic dyestuffs.

**Fabric weight** 310 g/m2 ±5% (435g/lin.m ±5%)

**Abrasion resistance rubs** 60,000 Martindale cycles (CS)  
100,000 Martindale cycles (YS)

**Colour fastness to light** 6 (ISO 105 - B02)

**Colour fastness to rubbing** wet: 4, dry: 4 (ISO 105 - X12)

**Flammability** EN 1021 - 1 (cigarette),  
EN 1021 - 2 (match)  
BS 7176 Low Hazard,  
NF P92-507 M1, DIN 4102 B1,  
UNI 9175 Class 1 IM, UNI 8456,  
UNI 9174 & UNI 9177 Classe Uno,  
ÖNORM B 3825 & A 3800-1  
NF D 60-013

### Fabric Synergy - third price group



**Technical data:**

**Material** 95% Virgin Wool, 5% Poliamid

**Fabric weight** 400g/m2 ±5% (560 g/lin.m ±5%)

**Abrasion resistance rubs** Independently certified  
≥100,000 Martindale cycles

**Colour fastness to light** 5 (ISO 105 - B02)

**Colour fastness to rubbing** ISO 105 - X12 - wet: 4, dry: 4

**Flammability** EN 1021 - 1 (cigarette),  
EN 1021 - 2 (match),  
BS 7176 Low Hazard,  
UNI 9175 Classe 1 IM,  
ÖNORM B 3825 & A 3800-1

Fabric Silvertex – third price group

There is a possibility of ordering the product in full colour spectrum of Silvertex range, as per Spradling’s pattern book, within 15 working days.

Technical data:

<b>Material</b>	Topcoat: 100% Vinyl Backing: 100% Polyester Hi-Loft™
<b>Fabric weight</b>	685 gr/m2
<b>Abrasion resistance</b>	>300,000 cycles Martindale
<b>UV-resistance</b>	>= 7 (1000 hours, blue wool scale)
<b>Cold Crack resistance</b>	-23°C
<b>Flame retardancy</b>	NF P 92-503 / M2 EN 1021, Part 1&2 DIN 4102 B2 ÖNORM B 3825, Gruppe I – Schwerbrennbares Verhalten ÖNORM A 3800, Teil I, Qualmbildungsklasse QI – schwachqualmend IMO Res. MSC.307 (88) (2010 FTP Code) Annex I Part 8 (MED) Marine Equipment Directive in its current valid version UNI 9175 (1987) / UNI 9175/FAI (1994) Classe I.IM (uno I EMME) UNE 23.727-90 IR /M2 EN 71-2: 2006+AI: 2007 Safety of Toys – Part 2: Flammability ECE R 118 (replaces Directive 95/28/EC) FMVSS 302 FAR 25/853
<b>Antimicrobial</b>	Antifungal Protection, Antibacterial Protection, Antimycotic Protection

Fabric Atlas – fourth price group

www.mdd.eu



Technical data:

<b>Material</b>	90% new wool, 10% nylon
<b>Fabric weight</b>	286g/m2, 400g/lm
<b>Abrasion resistance rubs</b>	100,000 cykli Martindale, EN ISO 12947
<b>Colour fastness to light</b>	ISO 105 B02: 6-7
<b>Colour fastness to rubbing</b>	ISO 105-X12:2001, (wet/dry) 4-5/4-5
<b>Flammability</b>	BS EN 1021-2 Match, BS EN 1021-1 Cigarette, BS 5 5852 Crib 5, BS 5852 ignition source 3, BS 5852 Part 1, NF D 60 013, UNI 9175 1IM, US Cal. Bull. 117-2013

Fabric Field2 – fourth price group



Technical data:

<b>Material</b>	100% Trevira CS
<b>Fabric weight</b>	321g/m2, 450g/lm
<b>Abrasion resistance rubs</b>	100,000 cykli Martindale, EN ISO 12947
<b>Colour fastness to light</b>	ISO 105 B02: 5-7
<b>Flammability</b>	BS EN 1021-2 Match, BS EN 1021-1 Cigarette, BS 5 5852 Crib 5, DIN 4102 B1 FAR 25.853, UNI 9177 classe 1, US Cal. Bull. 117-2013

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### Bracket



M009 Aluminum  
semi-matt RAL9006



M015 White  
semi-matt RAL9010



M154 Anthracite  
semi-matt RAL7043



M115 Black  
semi-matt RAL9005

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### Accessories



M009 Aluminum  
semi-matt RAL9006

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