

# Ismo

## technical specification



.mdd

**.mdd has a leading position among manufacturers of office furniture with many awards that prove quality and continuously increase demand for it's 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 managment 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 itis 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**.

### Certificate - MFC:



### Certificate - fabric:



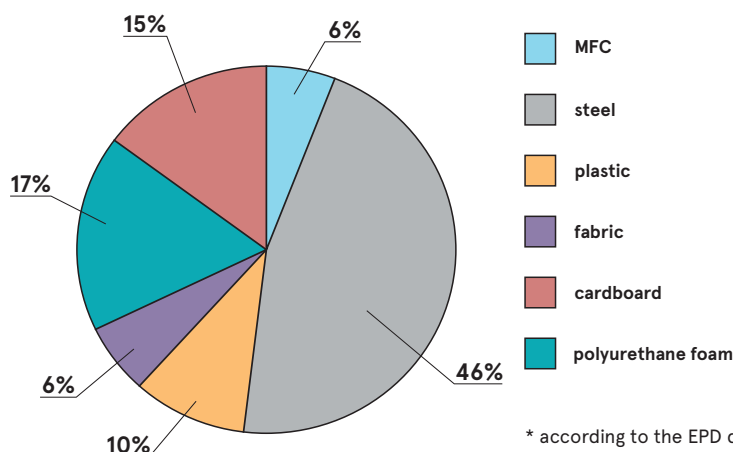
### Assembly:

the product comes  
pre-assembled

### Packing:

cardboard

### Material composition \*:



\* according to the EPD document

### Recyclability \*\*

Recycling: 100% - Downcycling: 0%

### Recycled content

34%

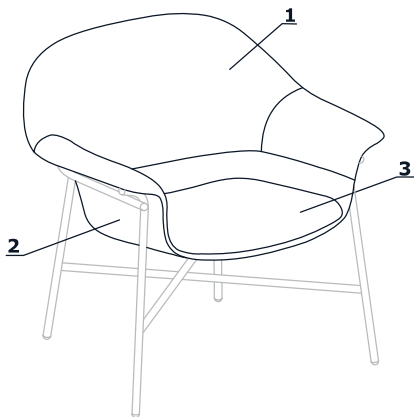
### Co2 carbon footprint

31,1 kg

\*\* average values for a representative of the group;  
values may vary for other products

Technical specification

- 1. **Backrest** – cut foam, density of 35 kg/m<sup>3</sup>, upholstered
- 2. **Body** – polyester-glass laminate, 7 mm, upholstered
- 3. **Cushion** – moulded foam, velcro fastening, upholstered



- max. load 120 kg

Bases



IS01

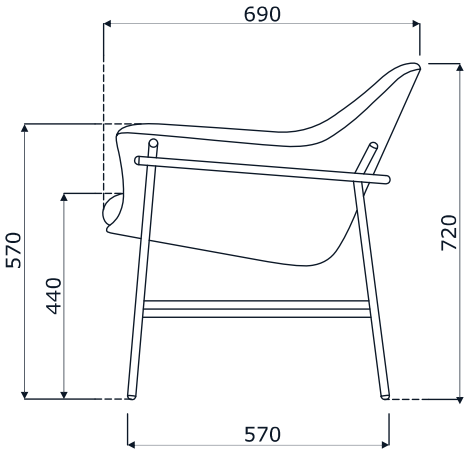
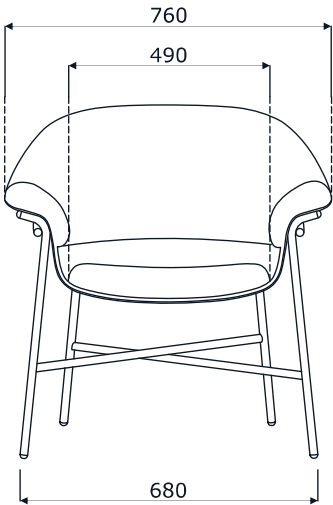
- Base IS01:**
- 4 - legged, metal, powder coated
  - legs made of tube Ø18 mm, wall thickness 2 mm, CNC - bent
  - legs finished with polypropylene feet



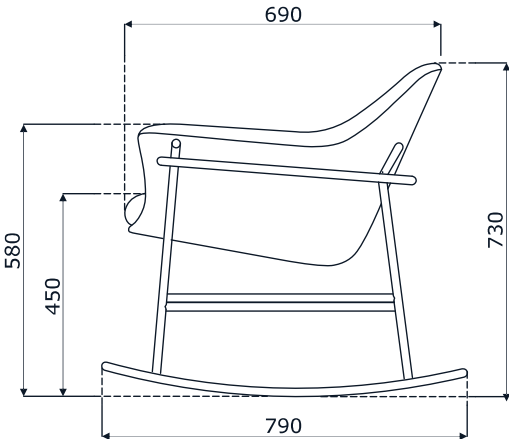
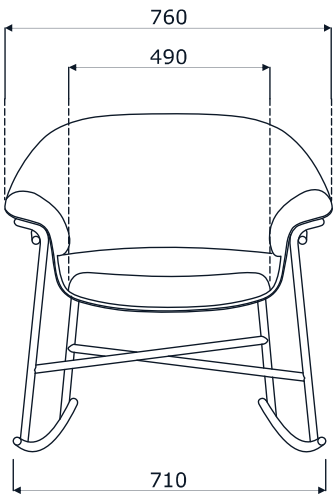
IS02

- Base IS02:**
- skid, metal, powder coated
  - legs made of tube Ø18 mm, wall thickness 2 mm, CNC - bent

Dimensions



IS01



IS02

Ismo \*



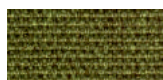
**IS01**  
760 / 690 / 720  
15 kg



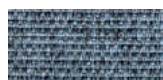
**IS02**  
760 / 790 / 730  
15 kg

\* dimensions expressed in millimeters: width x depth x height

## Fabric Medley – second price group



M-68005 Dark olive



M-66008 Grey



M-64019 Red



M-63064 Pink



M-60999 Black



M-61189 Beige



M-60003 Light grey



M-62054 Mustard



M-62002 Yellow



M-66010 Blue



M-65011 Grey-violet



M-63017 Rusty



M-67006 Light blue

## Technical data:

|                                       |                                                                                                                            |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Material</b>                       | polyester 100%                                                                                                             |
| <b>Fabric weight</b>                  | 510 g/lm (16.45 oz./lin.yd.)                                                                                               |
| <b>Abrasion resistance rubs</b>       | BS EN ISO 12947-2, 75,000 cykli Martindale                                                                                 |
| <b>Pilling resistance</b>             | scale 1-5, max. 5, EN ISO 12945-2 (4)                                                                                      |
| <b>Colour fastness to light</b>       | scale 1-8, max. 8, EN ISO 105-B02 (5-7)                                                                                    |
| <b>Colour fastness to rubbing</b>     | scale 1-5, max. 5, EN ISO 105x12 (wet/dry (4-5/4-5))                                                                       |
| <b>Acoustic test sound absorption</b> | ISO 354                                                                                                                    |
| <b>Flammability</b>                   | BS EN 1021-1 (cigarette)<br>BS 476 Part 7, Class 2<br>Class Uno UNI 9174 - UNI 8457<br>CA TB 117-2013<br>ASTM E 84 Class I |

## Fabric Atlantic \* – second price group



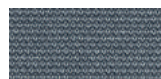
A-67043 Dark turquoise



A-67030 Aquamarine



A-60141 Light grey



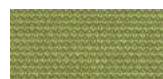
A-60011 Grey



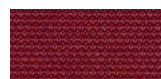
A-66064 Navy blue



A-65037 Violet



A-62048 Olive



A-64089 Red



A-61078 Beige



A-60025 Graphite

## Technical data:

|                                   |                                                                                         |
|-----------------------------------|-----------------------------------------------------------------------------------------|
| <b>Material</b>                   | polyester 100%                                                                          |
| <b>Fabric weight</b>              | 530 g/lm (17.09 oz./lin.yd.)                                                            |
| <b>Abrasion resistance rubs</b>   | BS EN ISO 12947-2, 110,000 Martindale cycles                                            |
| <b>Pilling resistance</b>         | scale 1-5, max. 5, EN ISO 12945-2 (4-5)                                                 |
| <b>Colour fastness to light</b>   | scale 1-8, max. 8, EN ISO 105-B02 (5-7)                                                 |
| <b>Colour fastness to rubbing</b> | scale 1-5, max. 5, EN ISO 105x12 (wet/dry)                                              |
| <b>Flammability</b>               | CA TB 117-2013<br>ASTM E 84 Class I<br>BS EN 1021-2 (match)<br>BS EN 1021-1 (cigarette) |

\* 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 Charles \* – second price group



## Technical data:

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| <b>Material</b>                 | 100% polyester                            |
| <b>Fabric weight</b>            | 433g/m <sup>2</sup>                       |
| <b>Abrasion resistance rubs</b> | 90,000 Martindale cycles (EN ISO 12947-2) |
| <b>Pilling resistance</b>       | EN ISO 12945-2, 5                         |
| <b>Light fastness</b>           | EN ISO 105-B02, 5                         |
| <b>Rubbing fastness</b>         | dry: 4-5, wet: 4-5, EN ISO 105x12         |
| <b>Flammability</b>             | EN 1021, 1                                |

## Fabric Mica – second price group

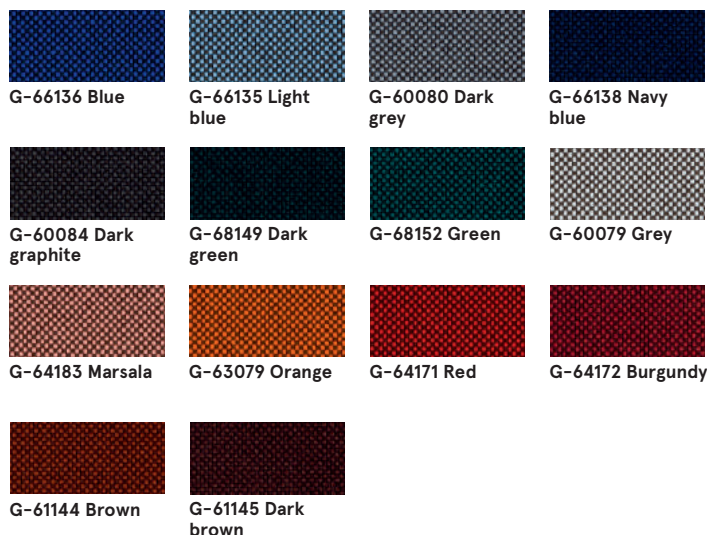


## Technical data:

|                                 |                                                                                                              |
|---------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Material</b>                 | post-consumer recycled polyester 97%, polyester 3%                                                           |
| <b>Fabric weight</b>            | 305 g/lm                                                                                                     |
| <b>Abrasion resistance rubs</b> | 60,000 rubs martindale (EN ISO 12947-2)                                                                      |
| <b>Pilling resistance</b>       | scale 1-5, max. 5 - EN ISO 12945-2, 4-5                                                                      |
| <b>Light fastness</b>           | scale 1-8, max. 8 - EN ISO 105-B02, 5-8                                                                      |
| <b>Rubbing fastness</b>         | dry: 4-5, wet: 4-5, scale 1-5, max. 5 - EN ISO 105x12                                                        |
| <b>Flammability</b>             | CA TB 117-2013<br>ASTM E 84 Class I<br>BS EN 1021-1 Cigarette<br>BS EN 1021-2 Match<br>BS 476 Part 7 class I |

\* There is a possibility of ordering the product in full colour spectrum of Charles range, as per Dekoma pattern book, within the standard delivery time.

## Fabric Go Check – second price group



### Technical data:

|                                 |                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Material</b>                 | 100% Trevira CS                                                                                                                                                                                                                                                                                                                          |
| <b>Fabric weight</b>            | 435g/lm                                                                                                                                                                                                                                                                                                                                  |
| <b>Abrasion resistance rubs</b> | 80,000 rubs martindale (EN ISO 12947-2)                                                                                                                                                                                                                                                                                                  |
| <b>Pilling resistance</b>       | scale 1-5, max. 5 – EN ISO 12945-2, 5                                                                                                                                                                                                                                                                                                    |
| <b>Light fastness</b>           | scale 1-8, max. 8 – EN ISO 105-B02, 5-8                                                                                                                                                                                                                                                                                                  |
| <b>Rubbing fastness</b>         | dry: 4-5, wet: 4-5, scale 1-5, max. 5 – EN ISO 105x12                                                                                                                                                                                                                                                                                    |
| <b>Flammability</b>             | BS EN 1021 1&2 Cigarette and Match<br>BS EN 1021-1 Cigarette<br>BS 5852 Crib 5<br>BS 7176 Medium hazard<br>DIN 4102 – B1<br>NFP 92-503/504/505 M1<br>ÖNORM A3800-B1-B3825-Q1 UK<br>Class Uno UNI 9175 Class 1 I EMME<br>FAR/JAR 25.853 (a) (i) (ii)<br>CA TB 117-2013<br>DIN EN 13501-1 B-s1,d0<br>AM 18 – NF D 60-013-(only for fabric) |

## Fabric Synergy – third price group



### Technical data:

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Composition</b>                | 95% Virgin Wool, 5% Polyamide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Fabric weight</b>              | 400g/m2 (560g/lm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Abrasion resistance rubs</b>   | 100.000 Martindale cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Colour fastness to light</b>   | ISO 105 – B02 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Colour fastness to rubbing</b> | EN ISO 105x12 4-4<br>(dry/wet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Flammability</b>               | EN 1021 – 1&2 (cigarette & match)<br>BS 7176 Low Hazard<br>NF D 60-013<br>ÖNORM B 3825 & A 3800-1 (58 kg/m3 CMHR Foam)<br>UNI 9175 Classe 1 IM<br>EN 13501-1 Adhered Class D, s1, d0<br>IMO FTP Code (Part 8)<br>The Furniture and Furnishing (Fire) (Safety) Regulations 1988 (Domestic Cigarette and Match)<br>BS 5852 Ignition Source 5 when FR treated<br>BS 7176 Medium Hazard when FR treated<br>EN 13501-1 Adhered Class B, s1, d0 when FR treated<br>EN 13501-1 Un-adhered Class D, s2, d0 when FR treated<br>BS 5867-2: Type B Curtains & Drapes when FR treated |

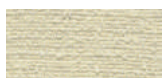
## Fabric Silvertex – third price group

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.

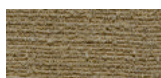
### Technical data:

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Material</b>              | Topcoat: 100% Vinyl<br>Backing: 100% Polyesterr 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<br>EN 1021, Part 1&2<br>DIN 4102 B2<br>ÖNORM B 3825, Gruppe I – Schwerbrennbares Verhalten<br>ÖNORM A 3800, Teil I, Qualmbildungsklasse QI – schwachqualmend<br>IMO Res. MSC.307 (88) (2010 FTP Code) Annex I Part 8<br>(MED) Marine Equipment Directive in its current valid version<br>UNI 91 75 (1987) / UNI 9175/FAI (1994) Classe I.IM (uno I EMME)<br>UNE 23.727-90 IR /M2<br>EN 71-2: 2006+AI: 2007 Safety of Toys – Part 2: Flammability<br>ECE R 11 8 (replaces Directive 95/28/EC)<br>FMVSS 302<br>FAR 25/853 |
| <b>Antimicrobial</b>         | Antifungal Protection, Antibacterial Protection, Antimycotic Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

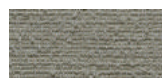
## Fabric Tessa – third price group



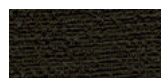
T-08 Cream white



T-09 Beige



T-05 Grey



T-12 Dark brown



T-03 Dark grey

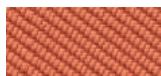
### Technical data:

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| <b>Material</b>                 | 95% polyester, 5% acrylic                 |
| <b>Fabric weight</b>            | 500g/m2                                   |
| <b>Abrasion resistance rubs</b> | 75,000 Martindale cycles (EN ISO 12497-2) |
| <b>Pilling resistance</b>       | EN ISO 12945-2, 4-5                       |
| <b>Light fastness</b>           | EN ISO 105-B02, 4                         |
| <b>Rubbing fastness</b>         | dry: 4-5, wet: 4-5, EN ISO 105x12         |

## Fabric Oceanic – third price group



O-16 Pink



O-05 Coral



O-12 Red



O-07 Yellow



O-04 Light green



O-15 Light blue



O-11 Blue



O-13 Light grey



O-08 Dark grey

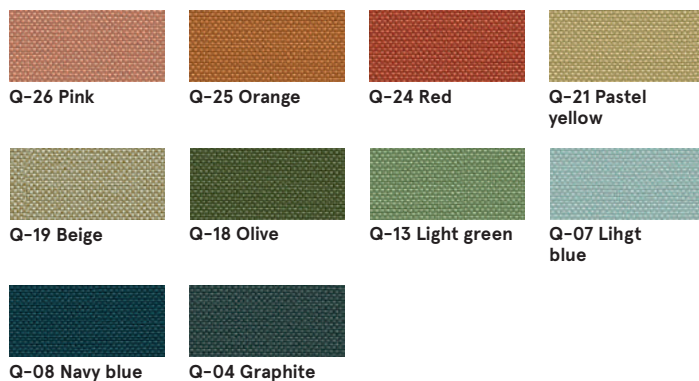


O-01 Black

### Technical data:

|                                 |                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Material</b>                 | 100% post-consumer recycled polyester                                                                          |
| <b>Fabric weight</b>            | 497g/m2                                                                                                        |
| <b>Abrasion resistance rubs</b> | 100,000 Martindale cycles (EN ISO 12947-2)                                                                     |
| <b>Pilling resistance</b>       | EN ISO 12945-2, 5                                                                                              |
| <b>Light fastness</b>           | EN ISO 105-B02, 5                                                                                              |
| <b>Rubbing fastness</b>         | dry: 4, wet: 4, EN ISO 105x12                                                                                  |
| <b>Flammability</b>             | EN 1021, - 1&2 (Cigarette and Match)<br>BS 7176 Low Hazard<br>BS 5852 Ignition Source<br>BS 7176 Medium Hazard |

## Fabric Quest – third price group



### Technical data:

|                                 |                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Material</b>                 | 100% post-consumer recycled polyester                                                                                                                                                                                                                                                                                                   |
| <b>Fabric weight</b>            | 330g/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                     |
| <b>Abrasion resistance rubs</b> | 100,000 Martindale cycles (EN ISO 12947-2)                                                                                                                                                                                                                                                                                              |
| <b>Light fastness</b>           | EN ISO 105-B02, 4-6                                                                                                                                                                                                                                                                                                                     |
| <b>Rubbing fastness</b>         | dry: 4, wet: 4, EN ISO 105x12                                                                                                                                                                                                                                                                                                           |
| <b>Flammability</b>             | EN 1021, - 1&2 (Cigarette and Match)<br>BS 7176 Low Hazard<br>UNI 9175 Classe 1 IM<br>BS 476 Part 7 Class 1Y (Adhered)<br>EN 13501-1 Adhered Class B, s1, d0<br>EN 13501-1 Un-adhered Class B, s1, d0<br>BS 5852 Ignition Source 5 with EnviroFlam5<br>BS 7176 Medium Hazard with EnviroFlam5<br>IMO FTP Code (Part 8) with EnviroFlam5 |

## Fabric Grain – third price group



### Technical data:

|                                 |                                                                                |
|---------------------------------|--------------------------------------------------------------------------------|
| <b>Material</b>                 | 92% post-consumer recycled polyester<br>8% polyester                           |
| <b>Fabric weight</b>            | 615g/m <sup>2</sup>                                                            |
| <b>Abrasion resistance rubs</b> | 100,000 Martindale cycles (EN ISO 12947-2)                                     |
| <b>Pilling resistance</b>       | EN ISO 12945-2, 5                                                              |
| <b>Light fastness</b>           | EN ISO 105-B02, 5-7                                                            |
| <b>Rubbing fastness</b>         | dry: 4-5, wet: 4-5, EN ISO 105x12                                              |
| <b>Flammability</b>             | BS EN 1021 1&2 Cigarette and Match<br>BS EN 1021-1 Cigarette<br>CA TB 117-2013 |

## Fabric Atlas – fourth price group



### Technical data:

|                                   |                                                                                                                                                                     |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Material</b>                   | 90% new wool, 10% nylon                                                                                                                                             |
| <b>Fabric weight</b>              | 286g/m <sup>2</sup> , 400g/m <sup>2</sup>                                                                                                                           |
| <b>Abrasion resistance rubs</b>   | 100,000 cycles 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,<br>BS 5 5852 Crib 5, BS 5852 ignition source 3,<br>BS 5852 Part 1, NF D 60 013, UNI 9175 1IM,<br>US Cal. Bull. 117-2013 |

Base

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |  |  |
| M010 Light grey<br>semi-matt RAL7044                                              | M012 Dark green<br>semi-matt RAL6012                                              | M013 Burgundy<br>semi-matt RAL3007                                                | M014 Red<br>semi-matt RAL3016                                                     |
|  |  |  |  |
| M016 Pearl white<br>semi-matt RAL1013                                             | M026 Olive semi-<br>matt RAL6013                                                  | M027 Blue semi-<br>matt RAL5003                                                   | M028 Brick red<br>semi-matt<br>RAL0404040                                         |
|  |  |  |  |
| M029 Yellow semi-<br>matt RAL0807060                                              | M030 Beige semi-<br>matt RAL0608005                                               | M115 Black<br>semi-matt RAL9005                                                   | M154 Anthrazit<br>halbmatt RAL7043                                                |

Omega Ekspres SIA

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|      |                                   |                                                                                                                                                                                                                 |            |
|------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Ismo | Date of preparation<br>31.05.2023 | 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 11/11 |
|      |                                   |                                                                                                                                                                                                                 | colours    |