

Shila - chair 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 hgily 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 - fabric:



Assembly:

the product comes
pre-assembled

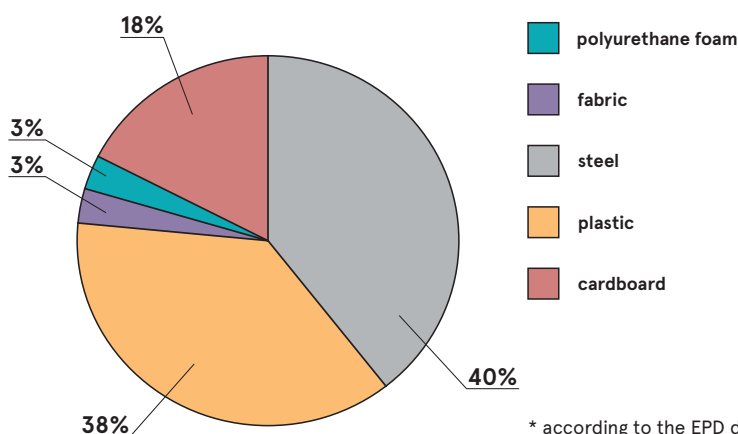
Packing:

cardboard

Compliant with standards:

PN-EN 1335-2:2009

Material composition *:



* according to the EPD document

Recyclability **

Recycling: 93% - Downcycling: 7%

Recycled content

34%

Co2 carbon footprint

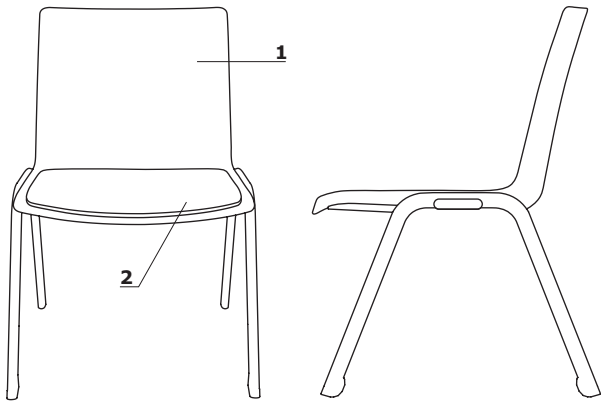
43,2 kg

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

Shila - chair	Date of preparation 17.05.2023	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 2/13 general informations
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Technical specification

1. **Seat** – polypropylene
2. **OPTION WITH EXTRA CHARGE** – seat pad of cut foam, density of 30 kg/m³, upholstered



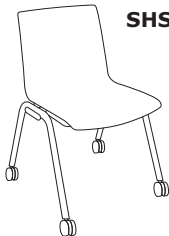
– max. load 120 kg

Shila – chair



SHS01

- Base SHS01:**
- 4 – legged, metal, powder coated
 - legs 30 × 18 mm, wall thickness 1,5 mm; CNC – bent
 - finished with polypropylene feet (PP+30GF) in frame colour
 - side cap, polypropylene, colour: black
- stacked:**
- max. 12 pieces – without armrests set
 - max. 6 pieces – 2 armrests + table
 - max. 6 pieces – 1 armrest + table



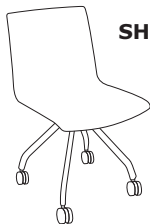
SHS01K

- Base SHS01K:**
- 4 – legged, metal, powder coated
 - legs 30 × 18 mm, wall thickness 1,5 mm; CNC – bent
 - finished with castors Ø55 mm for soft floors;
- OPTION WITH EXTRA CHARGE – castors for hard floors
- side cap, polypropylene, colour: black



SHS07

- Base SHS07:**
- 4 – star, metal, powder coated
 - legs 30 × 18 mm, wall thickness 1,5 mm; CNC – bent
 - finished with polypropylene feet (PP+30GF), colour: black
 - swivel seat – 360°



SHS07K

- Base SHS07K:**
- 4 – star, metal, powder coated
 - legs 30 × 18 mm, wall thickness 1,5 mm; CNC – bent
 - finished with castors Ø55 mm for soft floors;
- OPTION WITH EXTRA CHARGE – castors for hard floors

Shila - chair

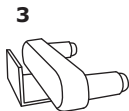
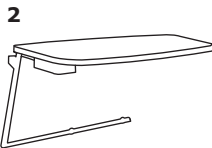
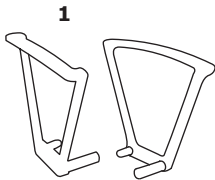


- Base SHS10:**
- base 5 - star, polypropylene, Ø=680 mm, h=124 mm
 - polypropylene feet Ø=50 mm, h=32
 - gas spring, steel, colour: black, adjustment range 130 mm (385 - 515 mm)
 - swivel seat - 360°



- Base SHS10K:**
- base 5 - star, polypropylene, Ø=680 mm, h=124 mm
 - finished with castors Ø55 mm for soft floors;
OPTION WITH EXTRA CHARGE - castors for hard floors
 - gas spring, steel, colour: black, adjustment range 130 mm (385 - 515 mm)
 - swivel seat - 360°

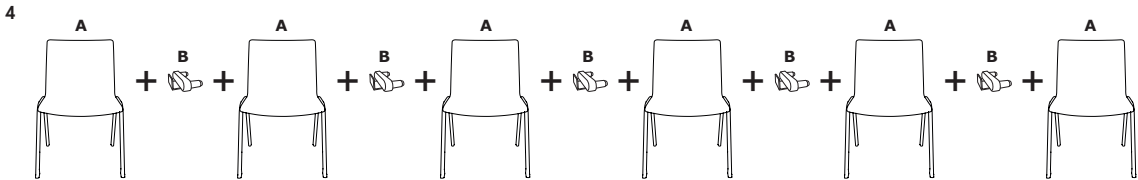
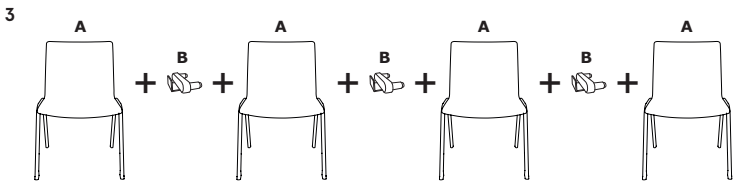
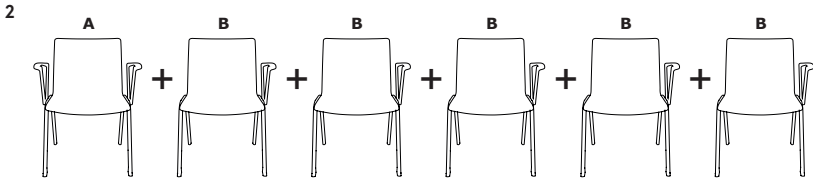
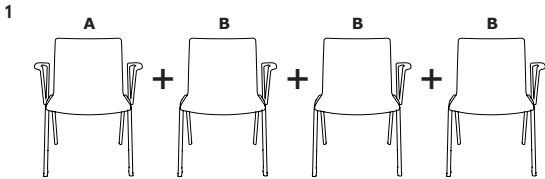
Optional components



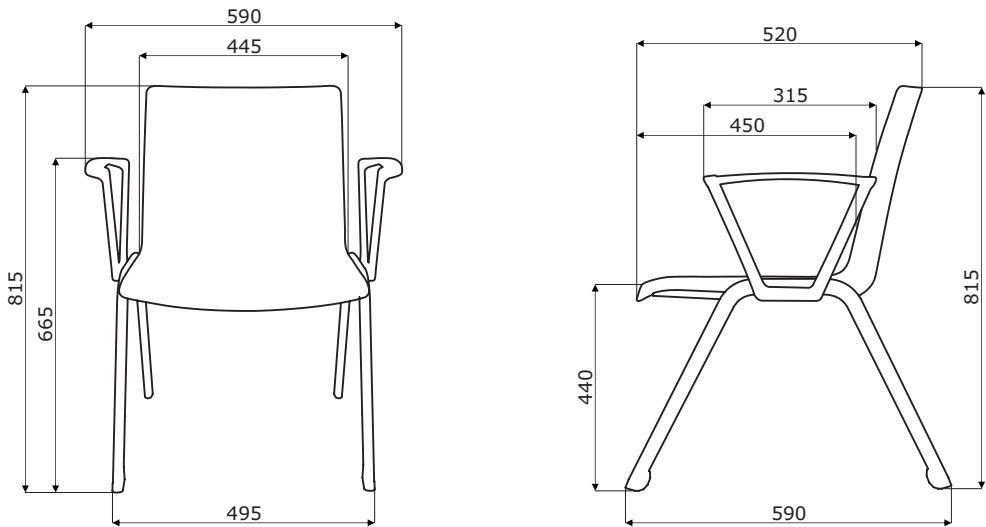
- 1. **Armrests** - polypropylene (PA+30GF), colour: black
- 2. **Writing tablet** - plywood varnished, colour: M115 - black semi-matt
- 3. **Connecting element** - allow for setting chair in a row, polypropylene (PP+15GF), metal, colour: black; only with SHS01 base chairs

Configuration examples of setting chairs with armrests in a row

- 1. Row of 4 chairs - chair with armrests set (right+left) (A) + 3 chairs with left armrests (B)
- 2. Row of 6 chairs - chair with armrests set (right+left) (A) + 5 chairs with left armrests (B)
- 3. Row of 4 chairs - chair without armrests set (A) + 3 connecting elements for setting chairs in a row (B)
- 4. Row of 6 chairs - chair without armrests set (A) + 5 connecting elements for setting chairs in a row (B)



Dimensions



Shila - chair *



SHS01
590 / 580 / 830
8 kg



SHS01K
590 / 580 / 830
8 kg



SHS07
590 / 580 / 830
8 kg



SHS07K
590 / 580 / 830
11.1 kg



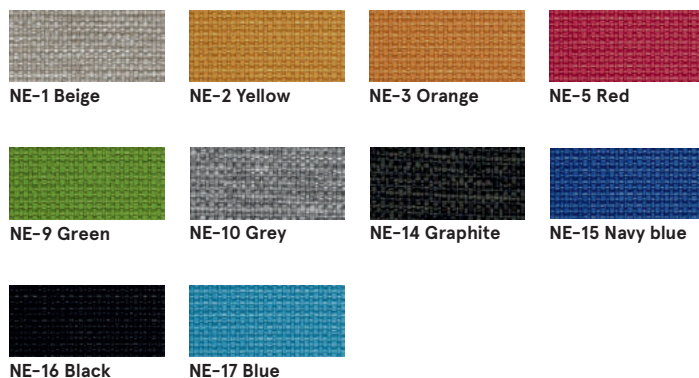
SHS10
590 / 580 / 830
8 kg



SHS10K
590 / 580 / 830
8 kg

* dimensions expressed in millimeters: width x depth x height

Fabric Nemo



Technical data:

Material	polyester 100%
Fabric weight	366g/m ²
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 Medley – second price 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)

* 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 Vita - second price group



Technical data:

Material	Surface: 98,5% PVC, 1,5% PU Substrate: 50% polyester, 50% Cotton
Fabric weight	850g/m ² ± 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

Fabric Charles * - second price group

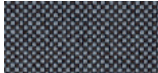


Technical data:

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

* 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.

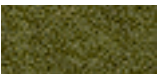
Fabric Go Check – second price group

			
G-66136 Blue	G-66135 Light blue	G-60080 Dark grey	G-66138 Navy blue
			
G-60084 Dark graphite	G-68149 Dark green	G-68152 Green	G-60079 Grey
			
G-64183 Marsala	G-63079 Orange	G-64171 Red	G-64172 Burgundy
			
G-61144 Brown	G-61145 Dark brown		

Technical data:

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

Fabric Mica – second price group

			
MC-2496-64183 Pink	MC-2496-64146 Red	MC-2497-64146 Dark red	MC-2497-66006 Navy blue
			
MC-2496-66030 Blue	MC-2497-67042 Aquamarine	MC-2497-67017 Bottle green	MC-2497-68146 Green
			
MC-2497-62048 Olive	MC-2496-62093 Light olive	MC-2496-62095 Mustard	MC-2496-62096 Yellow
			
MC-2496-61008 Beige	MC-2496-60000 Light grey	MC-2497-60000 Grey	MC-2497-60021 Graphite
			
MC-2496-66031 Light blue	MC-2496-67015 Mint	MC-2497-64029 Burgundy	

Technical data:

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

Fabric Synergy – third price group



Technical data:	
Composition	95% Virgin Wool, 5% Polyamide
Fabric weight	400g/m ² (560g/lm)
Abrasion resistance rubs	100.000 Martindale cycles
Colour fastness to light	ISO 105 – B02
Colour fastness to rubbing	EN ISO 105x12 (dry/wet)
Flammability	EN 1021 – 1&2 (cigarette & match) BS 7176 Low Hazard NF D 60-013 ÖNORM B 3825 & A 3800-1 (58 kg/m ³ CMHR Foam) UNI 9175 Classe 1 IM EN 13501-1 Adhered Class D, s1, d0 IMO FTP Code (Part 8) The Furniture and Furnishing (Fire) (Safety) Regulations 1988 (Domestic Cigarette and Match) BS 5852 Ignition Source 5 when FR treated BS 7176 Medium Hazard when FR treated EN 13501-1 Adhered Class B, s1, d0 when FR treated EN 13501-1 Un-adhered Class D, s2, d0 when FR treated BS 5867-2: Type B Curtains & Drapes when FR treated

Fabric Silvertex – third price group

Technical data:	
Material	Topcoat: 100% Vinyl Backing: 100% Polyester Hi-Loft™
Fabric weight	685 gr/m ²
Abrasion resistance	>300,000 cycles Martindale
UV-resistance	>= 7 (1000 hours, blue wool scale)
Cold Crack resistance	-23°C
Flame retardancy	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
Antimicrobial	Antifungal Protection, Antibacterial Protection, Antimycotic Protection

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.

Fabric Tessa - third price group



Technical data:

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

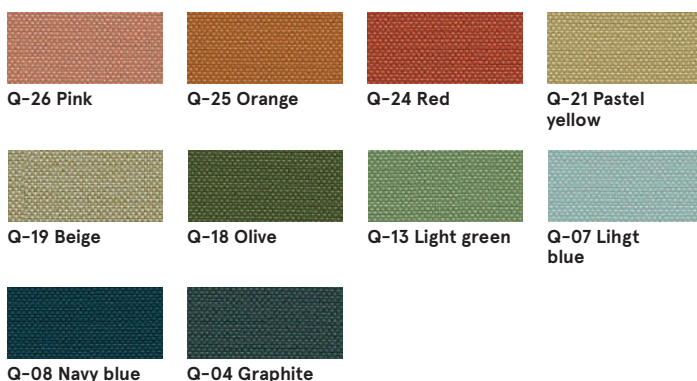
Fabric Oceanic - third price group



Technical data:

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

Fabric Quest - third price group



Technical data:

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

Fabric Grain - third price group



Technical data:

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

Fabric Atlas – fourth price group



Technical data:

Material	90% new wool, 10% nylon
Fabric weight	286g/m ² , 400g/lm
Abrasion resistance rubs	100,000 cykli Martindale, EN ISO 12947
Colour fastness to light	ISO 105 B02: 6-7
Colour fastness to rubbing	ISO 105-X12:2001, (wet/dry) 4-5/4-5
Flammability	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

Seat – polypropylene



Base



Base SHS10, SHS10K; armrest, writing tablet, castors

