Hako
technical specification

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 higly aware of the environment.
Being located in the forest region with lake by it1s 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**.

Certyficate - MFC:

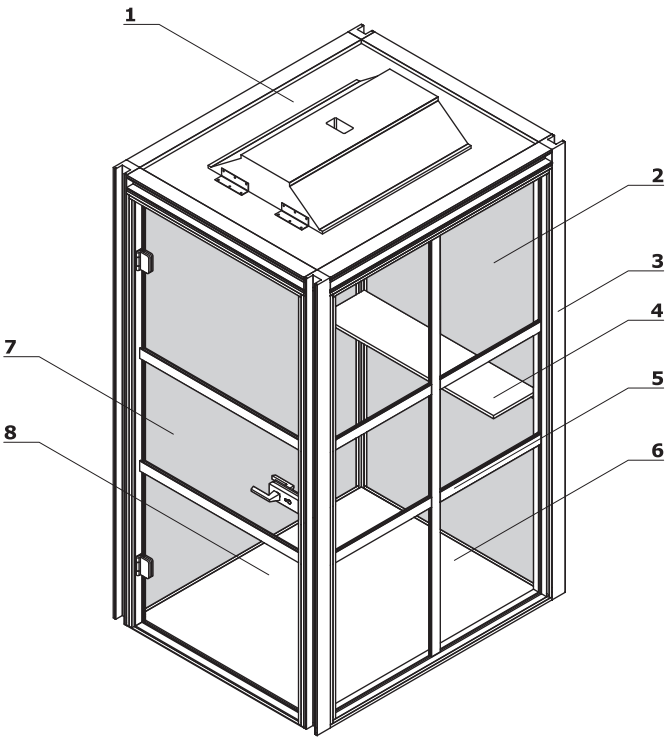
Certyficate - fabric:

Assembly:
product delivered in separate elements

Packing:
wooden crates; separate elements situated on wooden racks; panels protected by a foil

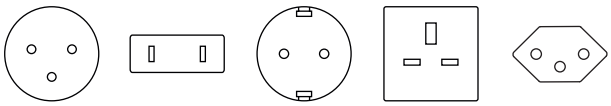
Boards density:
12 mm - 690 - 750 kg/m3
18 mm - 650 - 690 kg/m3
28 mm - 610 - 630 kg/m3
36 mm - 610 - 630 kg/m3

Office booth Hako



1. **Ceiling –** upholstered, equipped with lighting and ventilation system (adjustable ventilation speed)
2. **Upholstered wall –** full, 75 mm thick, upholstered on both sides, acoustic properties
3. **Columns –** 75x75 mm, powder coated
4. **Shelf –** 12 mm MDF, colour: black, can be mounted only to upholstered walls with 1000 mm width
5. **Aluminium strips –** 5 mm thick
6. **Glass wall –** toughened glass, 6 mm thick
7. **Glass door –** toughened glass, 8 mm thick, equipped with hinges and gasket system that extends the acoustic properties of the booth
8. **Floor –** melamine plate + acoustic covering (21mm thickness), colour: graphite - option with additional fee

Electric systems available:



EU USA Schuko UK CH

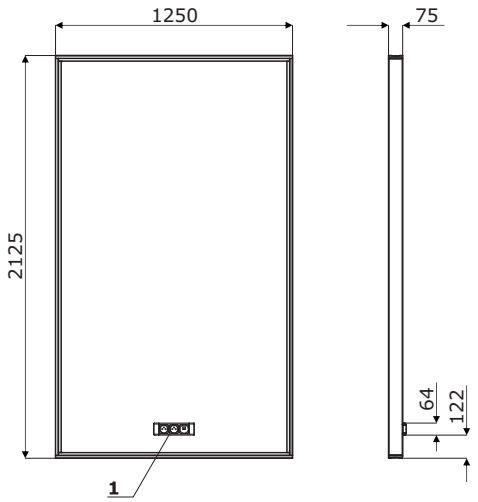
Additional information:
- walls – the highest class of acoustics
- certificated Sonic technology used in acoustic panels
- air function – fans work for additional 5 minutes after leaving the booth
- LED SLIM panel, 60x60 cm, external power supply; 40W, 3200lm, 4000k, 220-240V AC, 120', RA>80, PF>0.9, white, STANDARD LINE

Attention! In standard the booth has no floor what allows, among other things, situating the booth in any place as well as easy cable management.

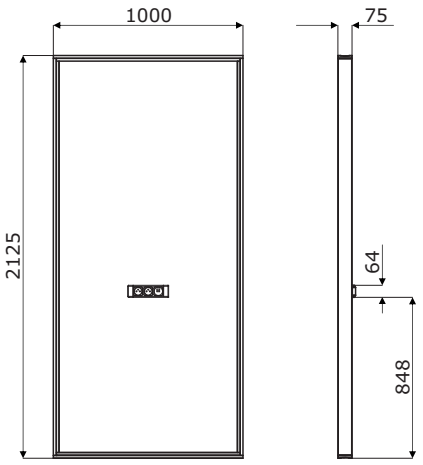
Mediabox - dimensions (mm)

1. **Mediabox - 2x230V + 1xUSB + 1xUSB type C**
   A - on the left wall near the floor
   B - on the right wall near the floor
   C - on the shorter wall above 740mm height

A, B



C



1. **Mediabox –** 2x230V + 1xUSB + 1xUSB type C
   A – on the left wall near the floor
   B – on the right wall near the floor
   C – on the shorter wall above 740mm height
- HK01 (possible configurations: A, C, AC)
- HK04 (possible configurations: A, B, AB)
- HK021 (possible configurations: A, B, C, AB, AC, BC, ABC)

Legend:

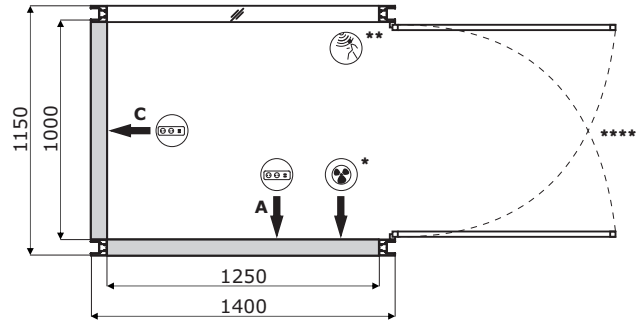
***** fan (located near the floor) - Attention! It is suggested not to block fans to ensure the proper airflow rate

****** motion sensor

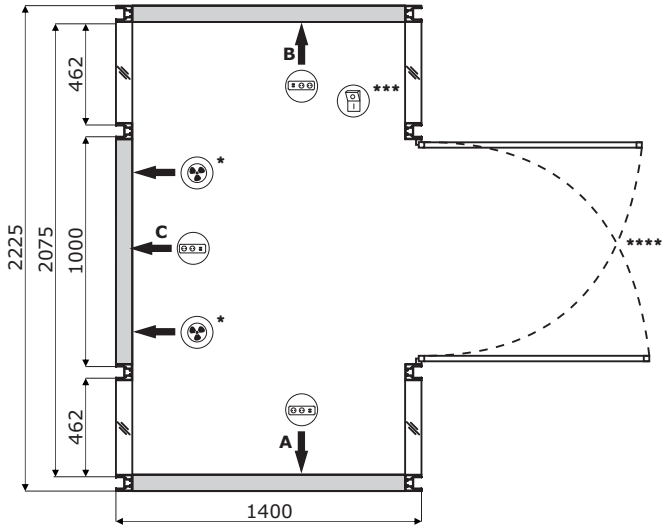
******* wireless light switch – which can be situated in any place

******** left / right door option

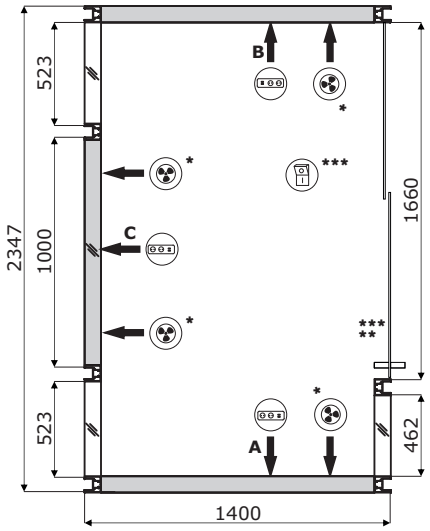
HK01



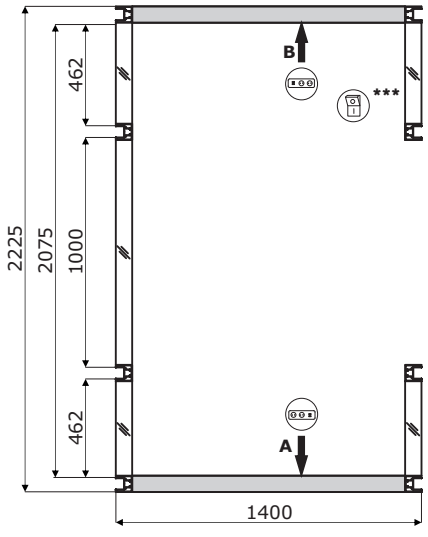
HK021



HK08



HK04



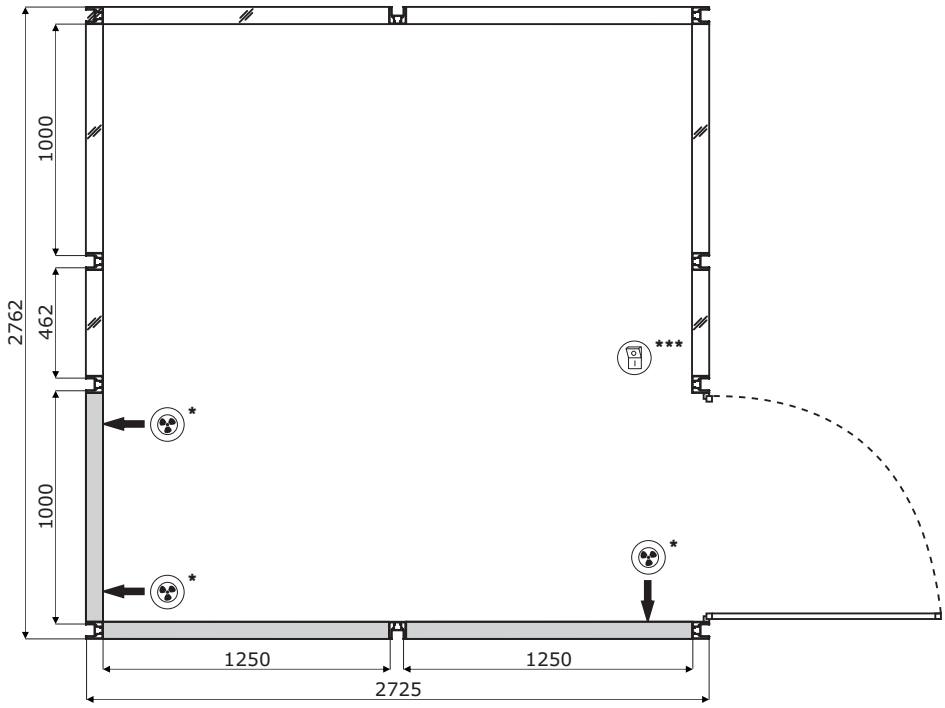
Legend:

* fan (located near the floor) - Attention! It is suggested not to block fans to ensure the proper airflow rate

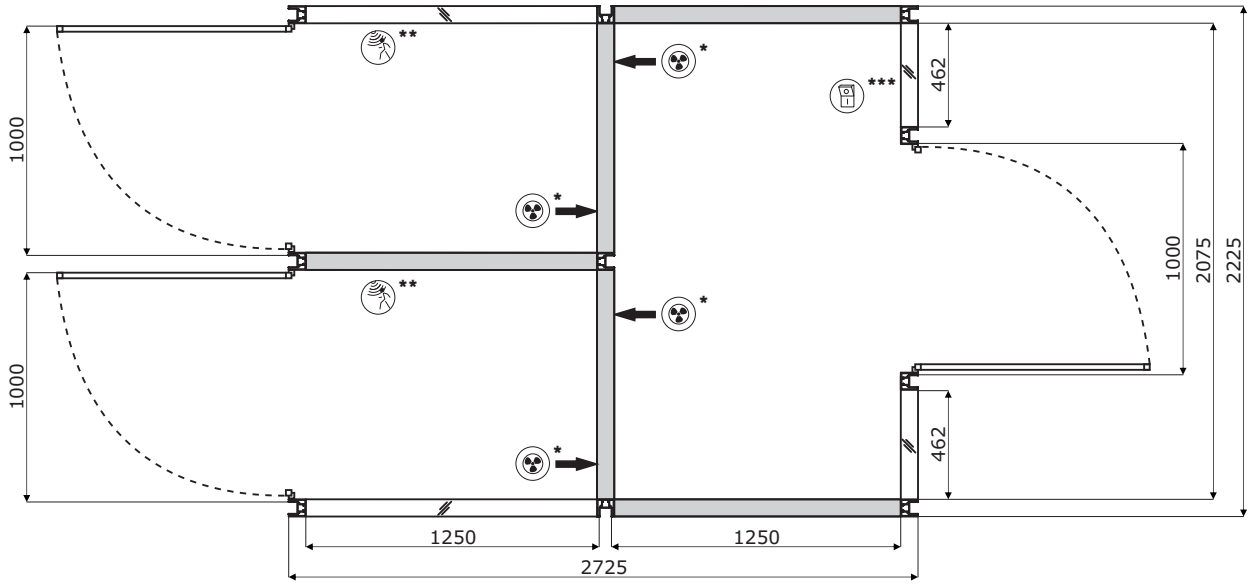
** motion sensor

*** wireless light switch – which can be situated in any place

HK03



HK05



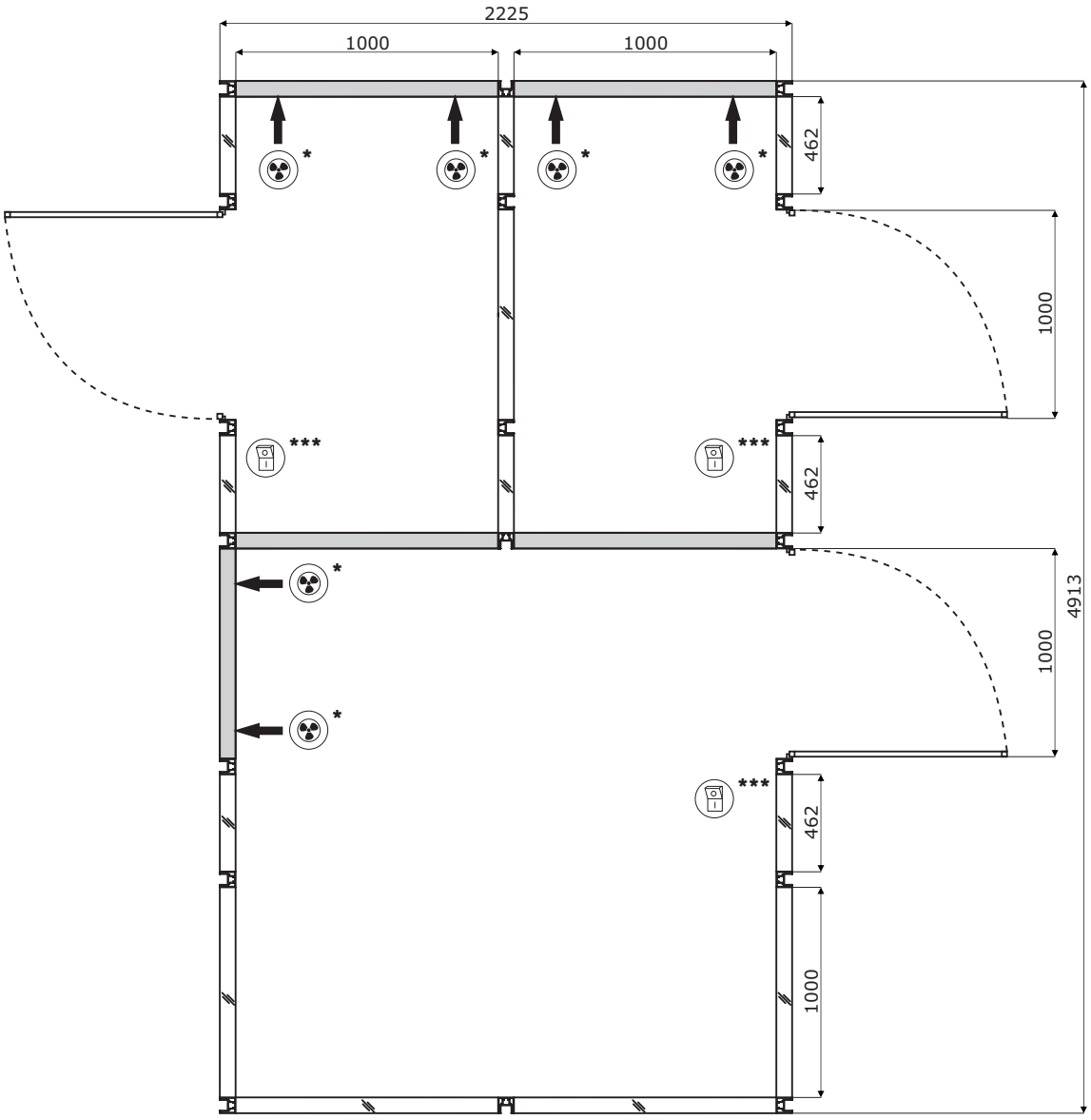
Legend:

* fan (located near the floor) - Attention! It is suggested not to block fans to ensure the proper airflow rate

** motion sensor

*** wireless light switch – which can be situated in any place

HK06



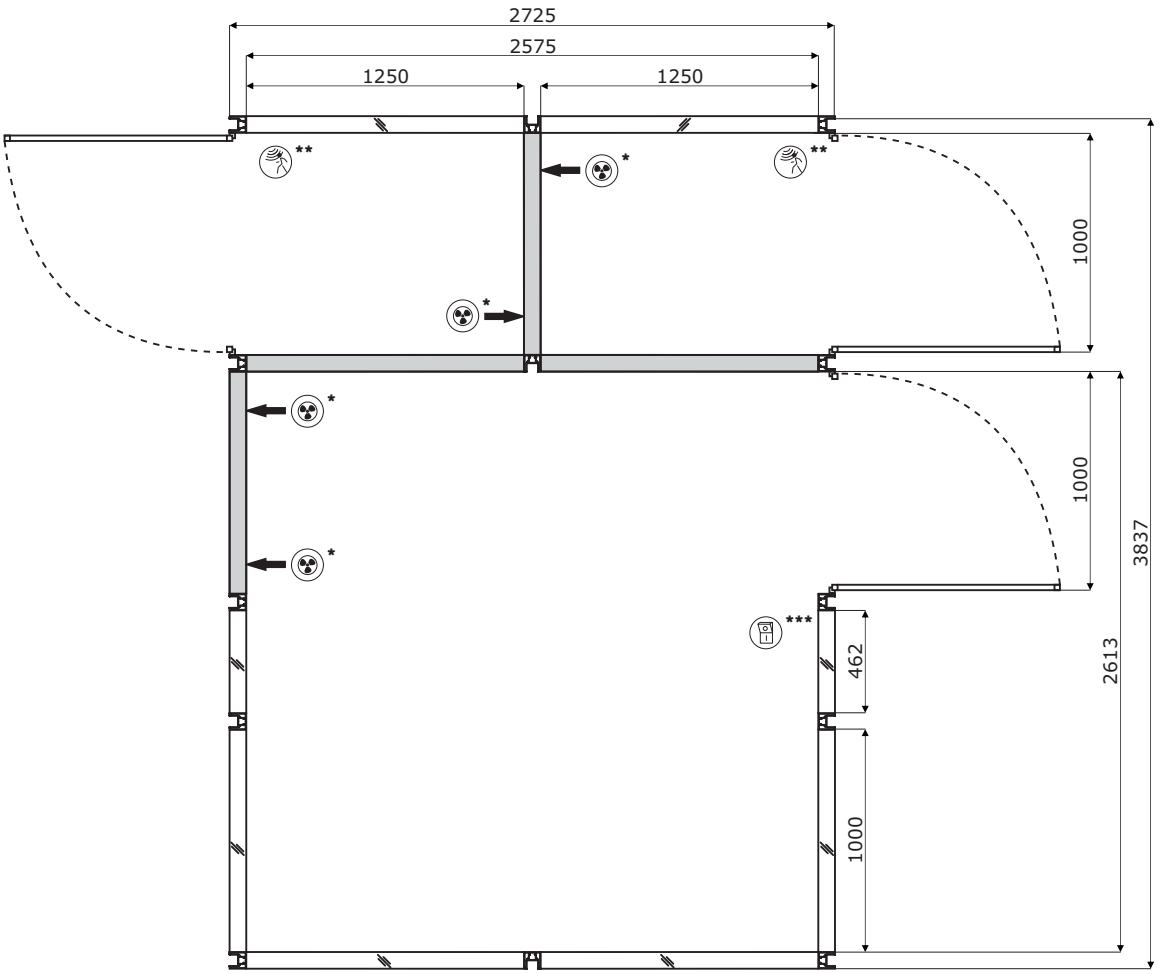
Legend:

* fan (located near the floor) - Attention! It is suggested not to block fans to ensure the proper airflow rate

** motion sensor

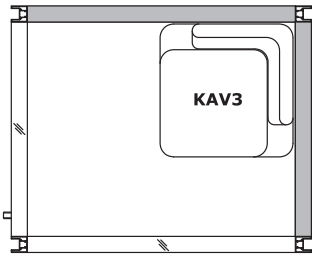
*** wireless light switch – which can be situated in any place

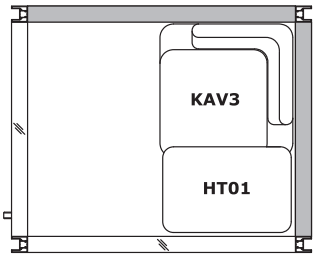
HK07



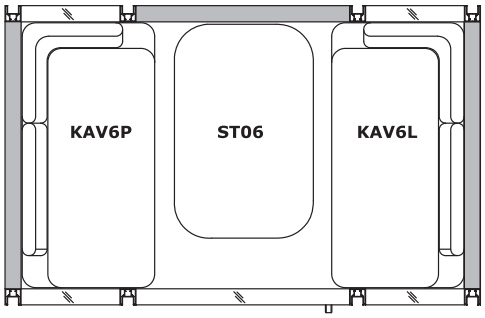
Configuration examples

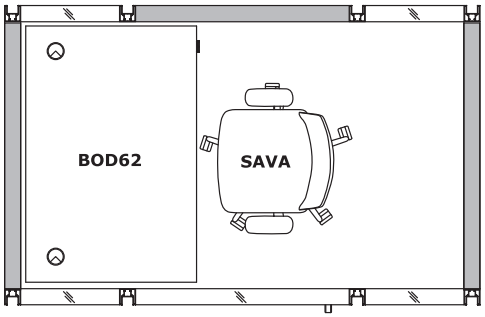
HK01



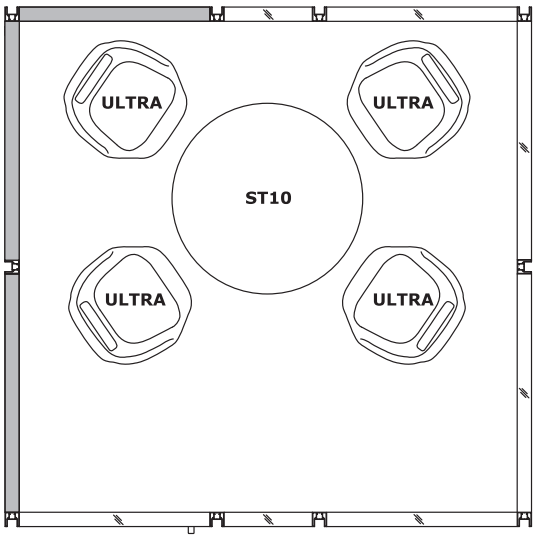


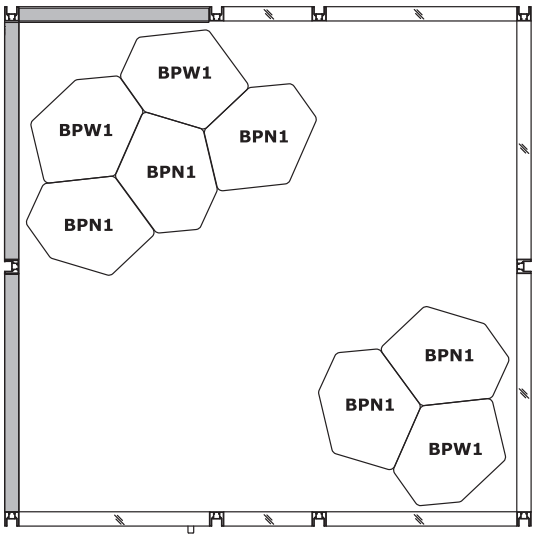
HK021

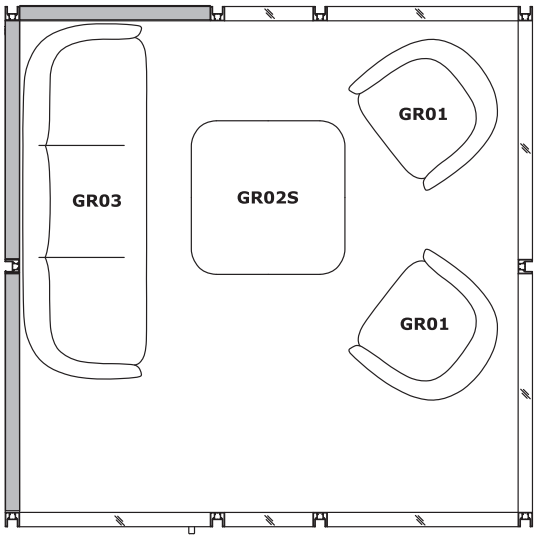


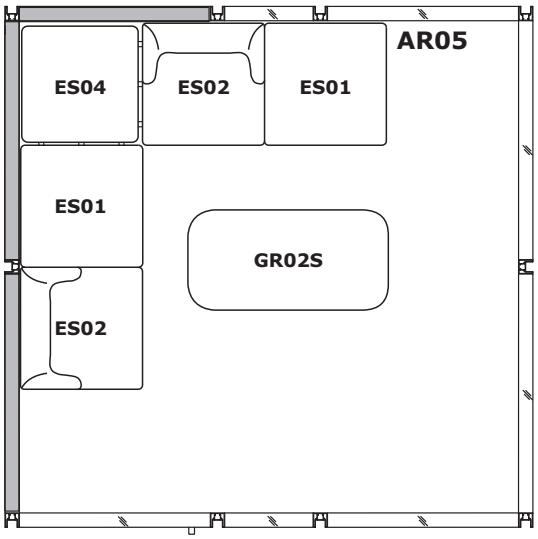


HK03



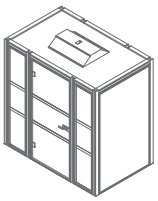




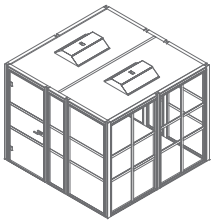


Hako - office booth *

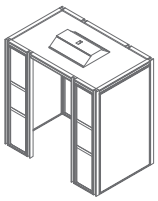
HK01
1400 / 1150 / 2341
398 kg



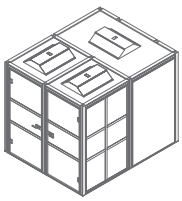
HK021
2225 / 1400 / 2341
531.18 kg



HK03
2762 / 2725 / 2341
935.3 kg

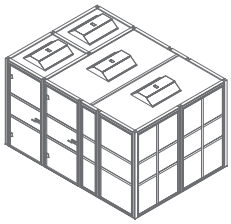


HK04
2225 / 1400 / 2341
442 kg

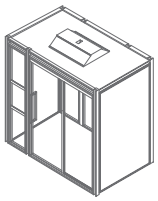


HK05
2725 / 2225 / 2341
1451.68 kg

HK06
2225 / 4913 / 2341
1571 kg

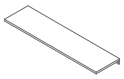


HK07
2725 / 3838 / 2341
1426.38 kg



HK08
2225 / 1400 / 2341
531.18 kg

Shelf *

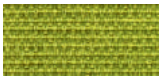


HK1P
980 / 250 / 156
6 kg

* dimensions expressed in millimeters: width x depth x height

Office booth - walls outside, inside - fabric Medley - second group

M-68005 Dark olive


M-68002 Light olive

M-68115 Green

M-61002 Beige

M-67053 Navy blue

M-67006 Light blue

M-66008 Grey

M-64019 Red

M-63064 Pink

M-60999 Black

Technical data:

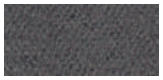
Material	polyester 100%
Fabric weight	510 g/lm (16.45 oz/lin.yd.)
Abrasion resistance rubs	BS EN ISO 12947-2, 75,000 cykli Martindale
Pilling resistance	scale 1-5, max. 5, EN ISO 12945-2 (4)
Colour fastness to light	scale 1-8, max. 8, EN ISO 105-B02 (5-7)
Colour fastness to rubbing	scale 1-5, max. 5, 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

Office booth - walls outside, inside - fabric Synergy - third price group

LDS08 Grey melange

LDS20 Light grey

LDS27 Black

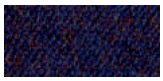

LDS29 Dark grey

LDS50 Dark green

LDS53 Green

LDS57 Turquoise

LDS60 Bottle green


LDS61 Plum

LDS69 Navy blue

LDS84 Orange

LDS86 Red

LDS88 Aubergine

LDS85 Coral

LDS19 Beige

LDS79 Brown

LDS44 Yellow

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:

Material	Topcoat: 100% Vinyl Backing: 100% Polyesterr Hi-Loft^{2TM}
Fabric weight	685 gr/m2
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 91 75 (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 I I 8 (replaces Directiveę 95/28/EC) FMVSS 302 FAR 25/853
Antimicrobial	Antifungal Protection, Antibacterial Protection, Antimycotic Protection

Office booth - walls outside, inside - fabric Atlas - fourth price group

AS-531 Orange

AS-501 Pink

AS-651 Red

AS-681 Burgundy

AS-391 Brown

AS-781 Navy blue

AS-161 Dark grey

AS-111 Light grey

AS-971 Light green

AS-981 Dark green

Technical data:

Material	90% new wool, 10% nylon
Fabric weight	286g/m2, 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

Office booth - walls outside, inside - fabric Field2 - fourth price group

FD-463 Yellow

FD-963 Green

FD-123 Beige

FD-132 Grey

FD-142 Graphite

FD-662 Red

FD-673 Blue-red

FD-782 Navy blue

FD-693 Burgundy

FD-192 Black

Technical data:

Material	100% Trevira CS
Fabric weight	321g/m2, 450g/lm
Abrasion resistance rubs	100,000 cykli Martindale, EN ISO 12947
Colour fastness to light	ISO 105 B02: 5-7
Flammability	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

Frame - metal

M010 Light grey
semi-matt RAL7044

M014 Red
semi-matt RAL3016

M154 Anthracite
semi-matt RAL7043