flathouse FH 2

: product card

bejot:

flathouse FH 2

design:
Bejot Development Team

Two-person Flathouse booth designed to provide suitable conditions for quiet conversations and short meetings.

Flathouse is an acoustic booth designed with comfort and privacy in mind, suitable for any space. The sound-absorbing panels and high-quality materials effectively reduce external noise, providing ideal conditions for quiet conversations and short meetings. The acoustic insulation has been optimized to minimize excess stimuli and suppress ambient noise while still allowing the reception of essential signals, such as alarms.

Acoustics
sound insulation, sound absorption

Functions
short meetings, focused work

Spaces
open spaces, public areas

models

glass on one side of the booth

external upholstered panels

FH 2 G1

external wooden panels

FH 2 G1 W

glass on both sides of the booth

external upholstered panels

FH 2 G2

external wooden panels

FH 2 G2 W

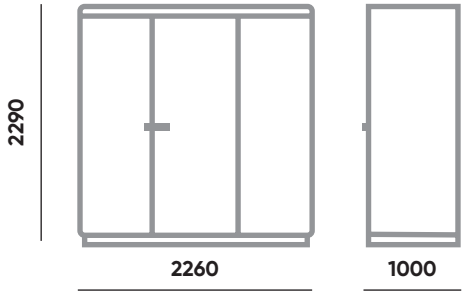
without seat (possibility of adding an independent sofas)

single-seat sofa designed for FH 2

FH SF 2

freestanding stool for FH 2

XH ST



1.A **external upholstered panels**
available in a variety of fabrics in a wide range of colors

1.B **external wooden panels**
oak planks in natural color

2 **internal upholstered panels**
available in a variety of fabrics in a wide range of colors

3.A **upholstered rear wall**
available in a variety of fabrics in a wide range of colors

3.B **rear wall made of acoustic safety glass**

4 **floor**
- ● acoustic felt carpet, dark gray
- ○ oak planks, natural color

5.A **roof panel in upholstered booths:**
- ● upholstered in the color of the panels

5.B **roof panel in wooden booths:**
- ● upholstered, Fabric Fenno FN009
- ○ oak planks, natural colors

6 **tabletop** (700x460)
height 705 mm or 1100 mm
- ○ laminated board
- ○ finger joint solid oak wood

7 **multimedia panel**
- ● upholstered in fabric of internal panels
- ○ preparation for 32'' TV mounting

8 **media port**
- ○ three-module media port mounted in the multimedia panel above the tabletop

9 **system audio**
- ○ audio system with mono amplifier and Bluetooth® control (mounted in an invisible place in the multimedia panel)

10 **frame, hinges, fittings, and handle made of metal, powder-coated in black**

11 **occupancy system at the front and back of the booth**

12 **cable grommets in the roof panels**
- ○ prepared for the installation of fire safety equipment

13 **freestanding stool with height adjustment for a tabletop at 1100 mm**

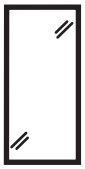
14 **2x single-seat armchair for a tabletop at 705 mm**

● standard ○ option

equipment

booth occupancy system (standard)

A system located at the front and back of the booth, activated by a built-in motion sensor, indicating the booth's occupancy during use. Once the fans have completed their operation and the air has been refreshed, the booth is ready for use again.



acoustic glass (standard)

Transparent, acoustic, and safety glass with acoustic seals. Made of laminated glass with four layers of anti-vibration film. In the event of breakage, the shards remain stuck to the film, minimizing the risk of injury. The film also serves as a sound barrier, enhancing the acoustic properties of the glass. In the G1 version, the glass is only at the front of the booth, while in the G2 version, it is at both the front and the back.

Glass thickness: 8.5 mm. Width of the tempered glass door: 810 mm.

130m³/h

ventilation (standard)

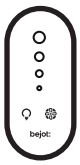
An efficient ventilation system utilizing quiet fans with an airflow of approximately 130 m^3/h. The air volume is optimized to ensure the user's comfort. The system is fully automatic and safe to use.

Ventilation function – after leaving the booth, the ventilation will continue to operate for an additional 3 minutes to ensure comfort for the next users.

ceiling lighting (standard)

Efficient, energy-saving LED lighting, automatically activated by a motion sensor, with adjustable light intensity.

Two LED lamp integrated into the ceiling panel, light color 4000 K, brightness 2x216 lm, powered by a 12 V mains connection.



touch panel (option)

Touch panel for 4-level adjustment of ventilation and lighting. Installation location: above the tabletop, or at a height of 850 mm/1250 mm from the floor if no tabletop is installed.

audio system (option)

AUDIO – Mono audio system with an amplifier and Bluetooth control, mounted in a concealed location.

leveling feet (standard)

Leveling feet that ensure stable positioning of the booth.

transport wheels (standard)

Built-in transport wheels that make moving the booth easier. Thanks to the wheels, only one person is needed to move the booth. To stabilize and level the booth, lift the transport wheels and lower the leveling feet. To adjust the feet, remove the black plugs located in the floor and use a 7 mm socket wrench or flat screwdriver to raise or lower the feet to the desired height.

preparation for TV installation (option)

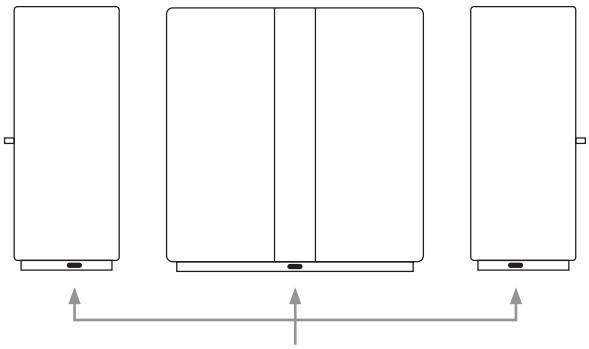
TP – preparation for mounting a 32'' TV: grommet, cable grommet (bracket, HDMI cable and mounting by customer).

preparation for fire protection equipment installation (option)

Prepared for the installation of fire protection devices such as speakers and sensors.
Cable pass-throughs with a diameter of 25 mm prepared in the roof panels (both internal and external).

electrical installation (standard)

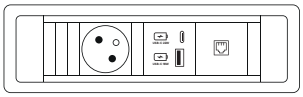
Safe electrical installation. Components based on the 12 V standard. Includes a 2.5 m power cable (plug type E – Poland/France, type F – Germany, type G – United Kingdom).



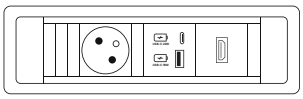
option to choose power cable exit location

media port mounted in the multimedia panel above the tabletop (option)

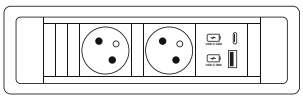
if there is no table, the media port is mounted at a height of 850 mm or 1250 mm



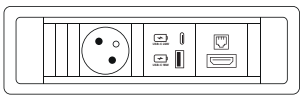
E3VACR (option)
media port with three sockets:
230 V / USB A + C / RJ, with a power output of 22 W



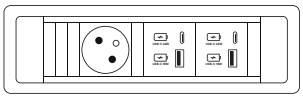
E3VACH (option)
media port with three sockets:
230 V / USB A + C / HDMI, with a power output of 22 W



E3VACV (option)
media port with three sockets:
230 V / 230 V / USB A + C, with a power output of 22 W



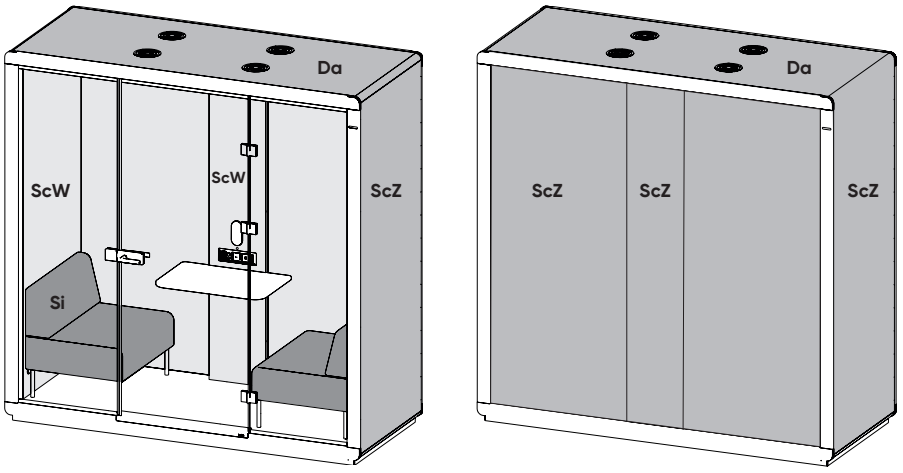
E3VACHR (option)
media port with three sockets:
230 V / USB A + C / HDMI + RJ, with a power output of 22 W



E3VACAC (option)
media port with three sockets:
230 V / USB A + C / USB A + C, with a power output of 22 W

upholstery capabilities

FH 2 G1/G2

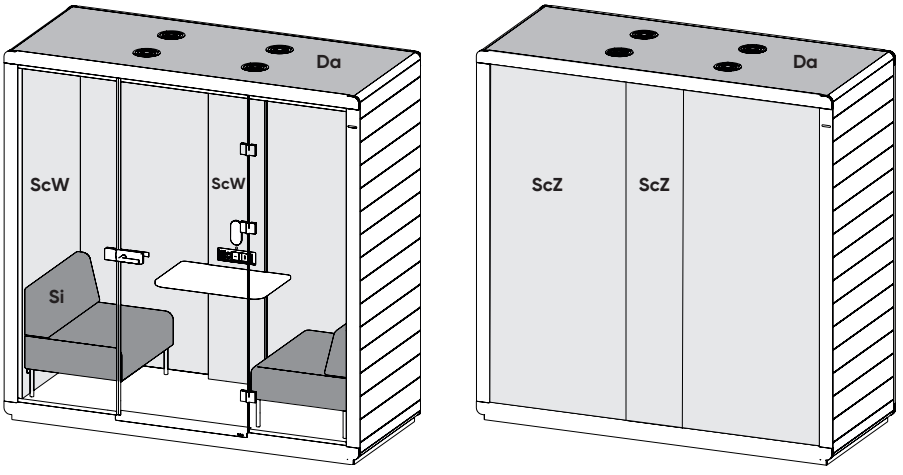


first color of the fabric
ScW – interior walls, interior ceiling panel and multimedia panel

second color of the fabric
ScZ – exterior wall
Da – exterior roof panel

third color of the fabric
Si – seat

FH 2 G1/G2 W



first color of the fabric
ScW – interior walls, interior ceiling panel and multimedia panel
ScZ – exterior wall

second color of the fabric
Da – exterior roof panel, available in Fenno FN009 fabric or optionally in wood

third color of the fabric
Si – seat

fabric application possibilities

Flathouse FH 2

1 grp.	2 grp.	3 grp.	4 grp.
fenno	alaska alpa charles, charles SD cura pastel roccia valencia	ally, ally SD alpa SD blazer cura SD cyber SD easy SD oceanic silvertex, silvertex SD synergy, synergy SD valencia SD client's fabric	oceanic SD remix SD

single-seat sofa

1 grp.	2 grp.	3 grp.	4 grp.	5 grp.
fenno	alaska alpa charles, charles SD cura pastel roccia valencia	ally, ally SD alpa SD blazer cura SD cyber SD easy SD oceanic silvertex, silvertex SD synergy, synergy SD valencia SD client's fabric	oceanic SD remix SD	steelcut trio_SD

freestanding stool

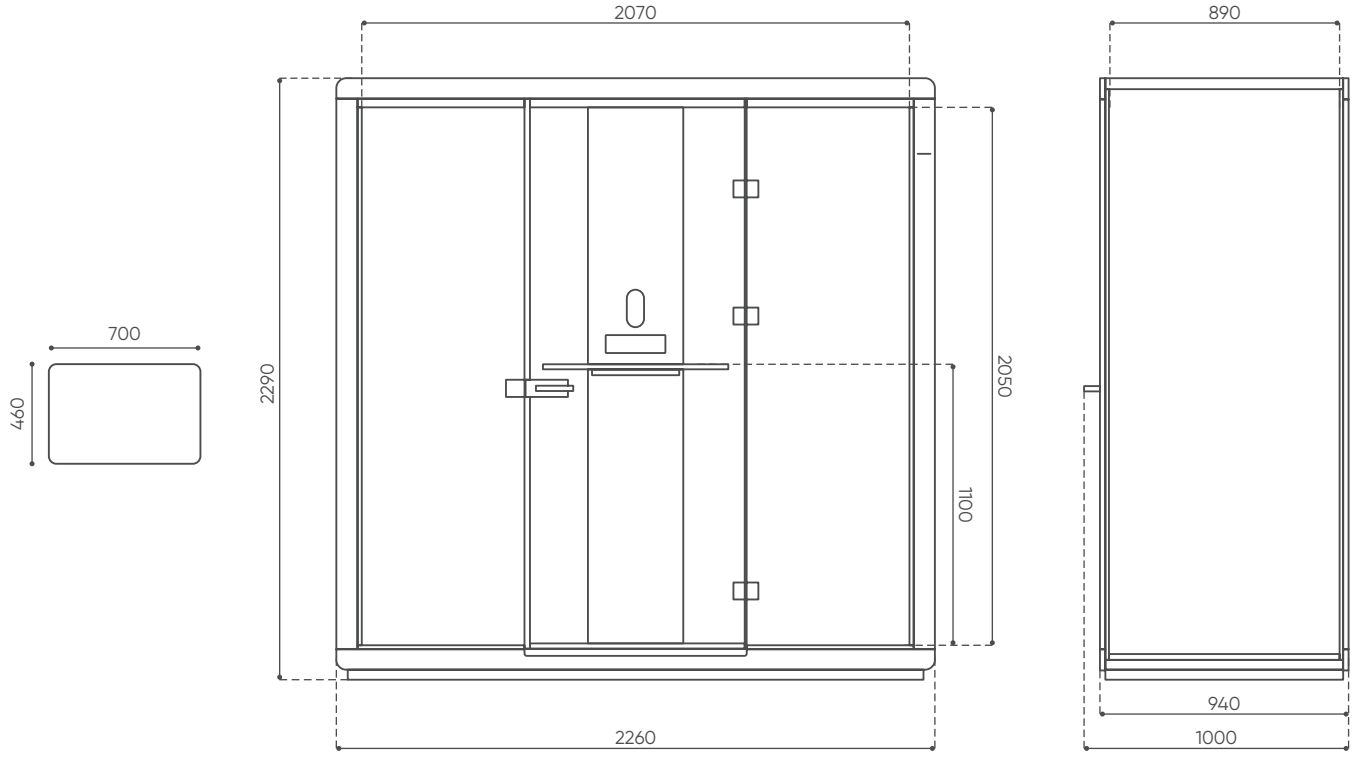
Black fabric Fidivi One 8033

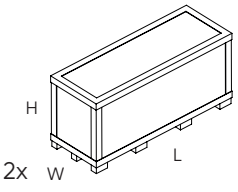
upholstered roof panel in FH 2 W

(booth with wooden exterior panels)

Fenno FN009

dimensions, packaging and weights

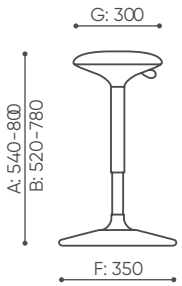




cardboard
packaging
no. 1 and no. 2
H: 1130
L: 2 435
W: 895

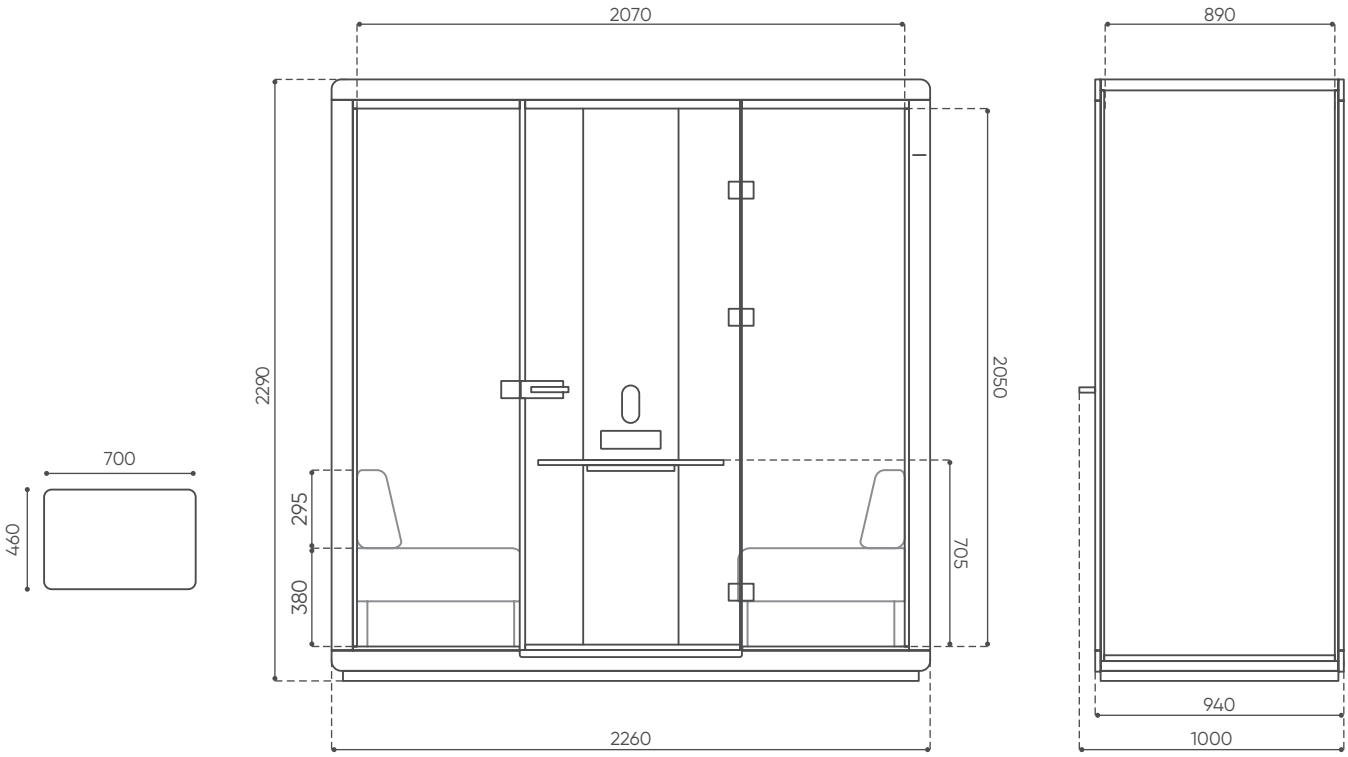
kg	FH 2 G1 + T	FH 2 G1 W + T	FH 2 G2 + T	FH 2 G1 W + T
net weight of the product	528	552	598	622
gross weight of carton no. 1	339	363	409	433
gross weight of carton no. 2	307	307	307	307

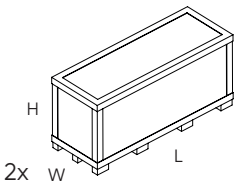
XH ST



H: 625
W: 405
L: 405
1 szt.
St.
pc.

kg
net 5
gross 7





cardboard
packaging
no. 1 and no. 2
H: 1128
L: 2434
W: 892

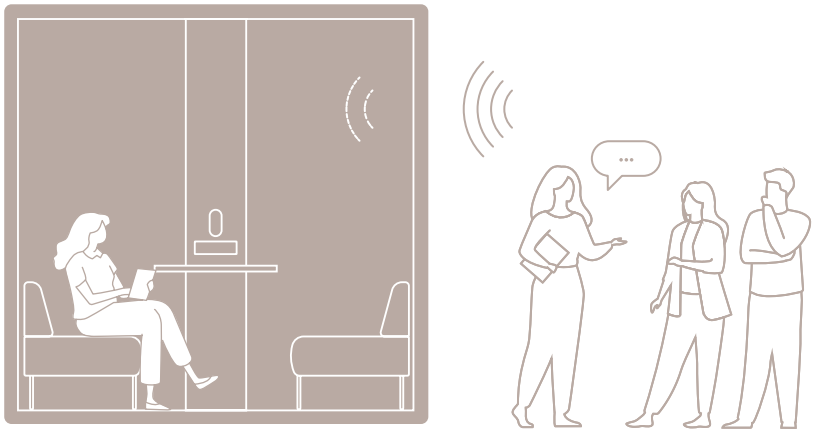
kg	FH 2 G1 + T + 2x XH SF	FH 2 G1 W + T + 2x XH SF	FH 2 G2 + T + 2x XH SF	FH 2 G1 W + T + 2x XH SF
net weight of the product	550	575	620	645
gross weight of carton no. 1	361	386	431	456
gross weight of carton no. 2	307	307	307	307

acoustic Information

acoustic insulation of the booth

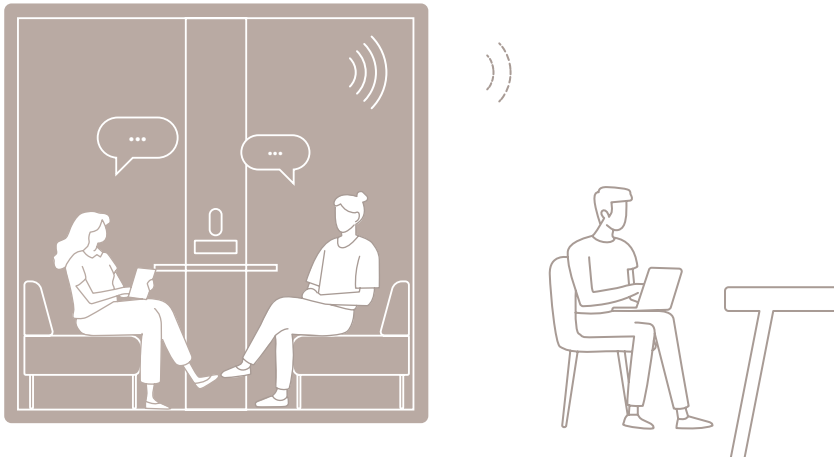
Flathouse is an acoustic booth designed with comfort and privacy in mind for any workspace. The use of sound-absorbing panels and high-quality materials effectively reduces external noise, creating an ideal environment for quiet conversations and short meetings.

The acoustic insulation is optimized to both limit excessive stimuli and dampen ambient sounds while still allowing important signals, such as alarms, to be heard.



reduction of speech noise level

In dynamic work environments such as offices or coworking spaces, brainstorming sessions are an essential part of creativity and innovation. Unfortunately, intense discussions often disturb the peace of others nearby. Flathouse acoustic booths provide a solution by allowing even the liveliest conversations without affecting the comfort of others at work. The volume of speech inside the Flathouse booth is effectively reduced. Thanks to Flathouse booths, every team can collaborate freely without disrupting those around them.



sound absorption coefficient

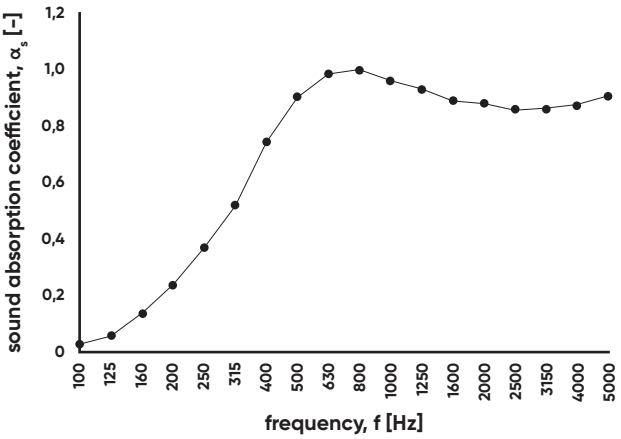
according to standards: PN-EN ISO 11654:1999 i PN-EN ISO 354:2005

The upholstered panels of the Flathouse booth, compared to most booths on the market (typically finished with hard, highly sound-reflective materials), are filled with special acoustic felt. This material reduces the number of sound reflections in the room, thereby lowering the noise level in the office. The Flathouse acoustic booth, in its externally upholstered version, improves the acoustic conditions of the room in which it is placed. It introduces approximately 6 m^2 of sound-absorbing surface.

a_w=0,65(MH)

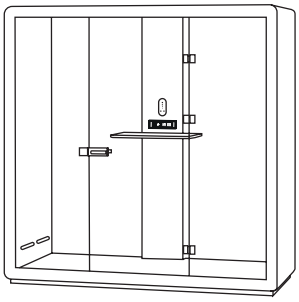
sound absorption coefficient

Absorption of Flathouse external panels



sustainable development

Flathouse booths have been designed with durability and minimal environmental impact in mind.



98%

the materials of the FH 2 G2 booth are recyclable

The FH 2 G2 model is made from materials that can be recycled after the end of their use. This is a practical way to reduce waste and give materials a second life.

less waste at the design stage

Before the final product is created, we focus on minimizing waste and selecting materials with a low environmental footprint. The booth's components are easy to disassemble and sort, facilitating further recycling.

responsible sourcing

The wooden elements used in our products come from suppliers certified by FSC or PEFC, which confirm compliance with international standards for responsible forest management, considering environmental, social, and economic factors.

PEFC/32-31-422

material composition

The percentage of each material's mass in the Flathouse FH 4 G2 booth.

wood	32,4 %	foam	0 %
glass	34 %	upholstery	3 %
steel	28,9 %	electronic	0,9 %
plastic	0,8 %	other	0 %

comparison of Flathouse acoustic booths

	FH 1	FH 2	FH 4	FH 6
dimensions				
external dimensions (width x height x depth)	1000 x 2290 x 1000 mm	2260 x 2290 x 1000 mm	2260 x 2290 x 1920 mm	2800 x 2290 x 2840 mm
internal dimensions (width x height x depth)	810 x 2050 x 895 mm	2070 x 2050 z 890 mm	2070 x 2050 z 1800 mm	2600 x 2050 x 2720 mm
product weight	372 kg – 421 kg (depending on version)	528 kg – 645 kg (depending on version)	908 kg – 1058 kg (depending on version)	1270 kg
glass				
available versions	G1 – glass on one side of the booth G2 – glass on both sides of the booth	G1 – glass on one side of the booth G2 – glass on both sides of the booth	G1 – glass on one side of the booth G2 – glass on both sides of the booth	G2 – glass on both sides of the booth
ventilation				
number of fans	2	4	8	12
airflow	70 m^3/h	130 m^3/h	260 m^3/h	360 m^3/h
integrated lighting	yes	yes	yes	yes
lighting intensity control	yes	yes	yes	yes
number of light points	1	2	4	12
activation	automatic – motion sensor	automatic – motion sensor	automatic – motion sensor	automatic – motion sensor
lighting type	led	led	led	led
brightness	216 Lm	2 x 216 Lm	4 x 216 Lm	12 x 216 Lm
power supply	12 V	12 V	12 V	12 V
light color	4000 K	4000 K	4000 K	4000 K
multimedia panel	no	yes	yes	yes
prepared for 32" TV mounting; cable gland, cable pass-through	none	yes, option	yes, option	yes, option
touch panel for lighting and ventilation intensity control	yes, option	yes, standard	yes, standard	yes, standard
mediaport	yes, option	yes, option	yes, option	yes, option
transport wheels	yes, standard	yes, standard	yes, standard	no

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