



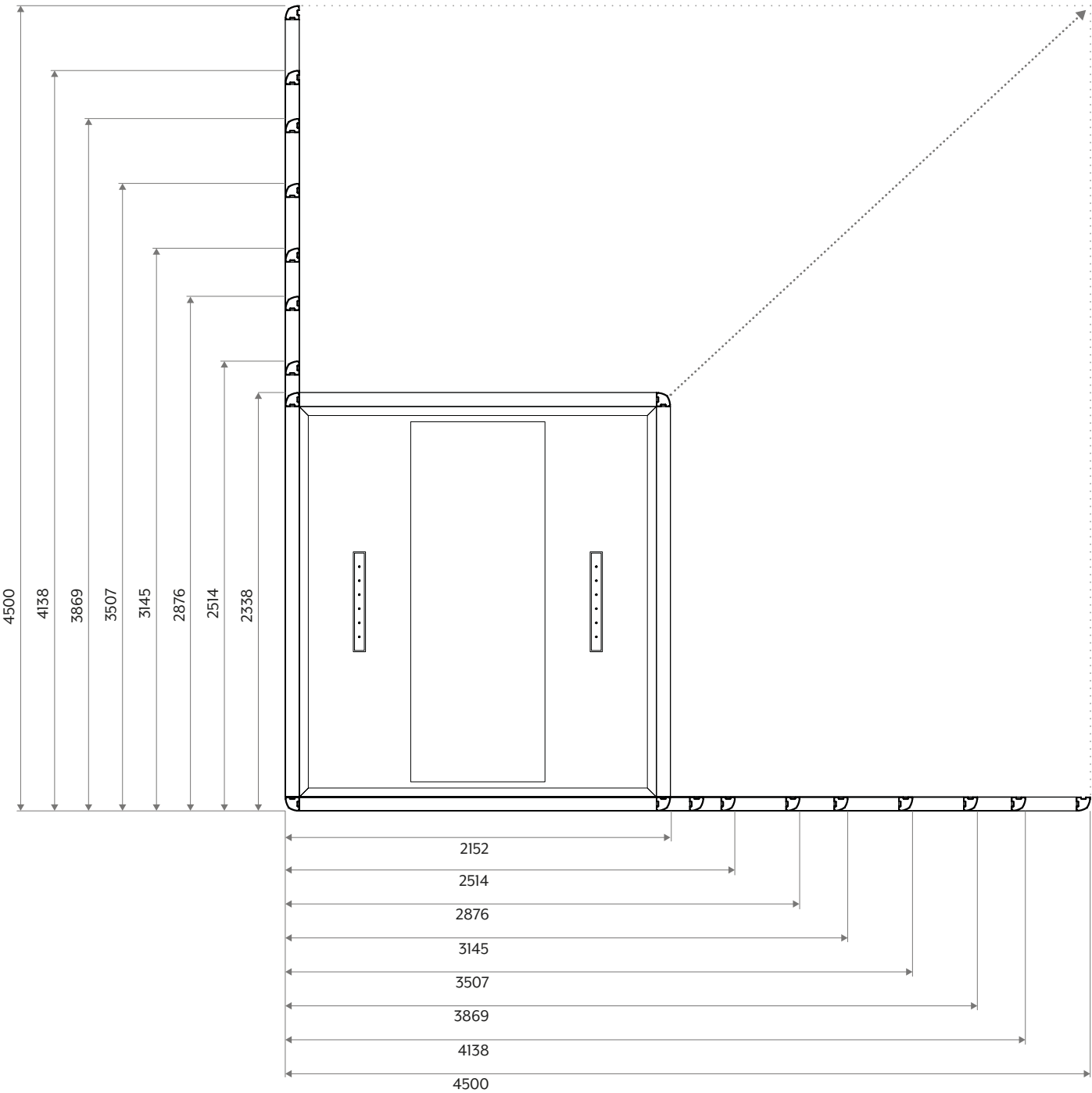
TECHNICAL CHARACTERISTICS

- Set layout variations:
smallest outer dimensions 2152 mm / 84.7" x 2338 mm / 92"
to 4500 mm / 177.2" x 4500 mm / 177.2"
- Lights ceiling height 2350 mm / 92.5
- Building-independent, flexible, unfixed setup in the room
- Aluminium frame construction that can be adjusted to uneven floors
(maximum height adjustment + 14 mm / 0.5")
- The Standard is clad on all sides with composite safety glass with acoustically effective silencing film
- Simple Plug & Play connection to the existing mains electricity via shockproof plug
- Practically invisible door hinges, magnetic closure for doors that close quietly
- Acoustic ceiling (Class A sound absorption) with integrated lighting
- Air output volume 0-1150m³/h – continuously adjustable
- Sound level difference between inside and outside of up to 38dB
- Can be retrofitted: Flex panel in the designs Acoustic, Melamine, Whiteboard, Photo print



DIMENSIONS

External width Internal width	2152 mm / 84.7" 2514 mm / 99" 2876 mm / 113.2" 3145 mm / 123.8"
External depth Internal depth	2152 mm / 84.7" 2338 mm / 92" 2514 mm / 99" 2876 mm / 113.2"
Internal height	2350 mm / 92.5"
External height	2612 mm / 102.8"
Panel dimensions Type: Flex Possible inside and outside	Width: 362 mm / 14.2" 725 mm / 28.5" 994 mm / 39.1" Height: 2306 mm / 90.8"
Panel dimensions Type: Fixed Possible inside and outside	Width: 362 mm / 14.2" 725 mm / 28.5" 994 mm / 39.1" Height: 2308 mm / 90.9"
Panel dimensions Type: Fixed technology Interior	Width: 362 mm / 14.2" 725 mm / 28.5" 994 mm / 39.1" 1200 mm / 47.2" Height: 2308 mm / 90.9"



MATERIALS AND COLOURS

Panel variants: FLEX PANEL in the following editions	Melamine/wood finish Acoustic Polo fabric Acoustic Divina cloth Acoustic fabric photo print Whiteboard
Panel variants: FIXED PANEL in the following editions	Melamine/wood finish Acoustic Polo fabric Acoustic Divina cloth Acoustic fabric photo print Whiteboard
Polo fabric	21 colours: Composition: 100% polyester Weight: approx. 350 g/m, width: 140 cm Light fastness: Grade 6 (EN ISO 105-B02) Friction resistance: wet: 4 – 5 / dry: 4 – 5 Abrasion resistance: 150,000 revolutions (Martindale; EN ISO 12947) Fire behaviour: DIN EN 1021-1/2
Divina fabric	12 colours: Composition: 100% pure wool Weight: approx. 820 – 840 g/lin. m, width: 150 cm Light fastness: Grade 5 – 7 (EN ISO 105-B02) Abrasion resistance: 45,000 revolutions (Martindale; EN ISO 12947) Fire behaviour: DIN EN 1021-1/2
Panel variants: FLEX PANEL TECHNOLOGY in the following editions	Melamine Front and rear: White, Winter White Cream, Grey, Silver, Congo, Volcanic Grey, Anthracite, Black Wood finish Front and rear: Maple, Light Oak, Walnut, Navarra Pine Acoustic Front: Fabric using Polo/Divina/photo print; fabric selection on pages 11 & 12 Acoustic Rear: Plain finishes in White, Silver, Anthracite, Black Whiteboard Front: White magnetic film Whiteboard Rear: Melamine or wood finish in White, Winter White Cream, Grey, Silver, Congo, Volcanic Grey, Anthracite, Black, Maple, Light Oak, Walnut, Navarra Pine
Colour finishes FIXED PANEL in the following editions	Melamine Front: White, Winter White Cream, Grey, Silver, Congo, Volcanic Grey, Anthracite, Black Wood finish Front: Maple, Light Oak, Walnut, Navarra Pine Acoustic Front: Fabric using Polo/Divina/photo print; for fabric selection see pages 11 & 12 Whiteboard Front: White magnetic film All variants Rear: Plain finishes in White, Silver, Volcanic Grey and Black
Colour finishes FIXED PANEL TECHNOLOGY in the following editions	Melamine Front: White, Winter White Cream, Grey, Silver, Congo, Volcanic Grey, Anthracite, Black Wood finish Front: Maple, Light Oak, Walnut, Navarra Pine All variants Rear: Plain finishes in White, Silver, Anthracite, Black
Glass	Composite safety glass 12.76 mm with silence film

CONSTRUCTION

Acoustic ceiling	Sound absorption: Class A Fire behaviour: A1 Wet abrasion resistance: Grade 1 (EN ISO 11998:2007)
Aluminium skeleton	Colour: Silver or Black
Floor seal/Floor connection	maximum height adjustment + 14 mm
Door	Revolving door made of 10 mm safety glass (ESG), practically flush/invisible door hinges, silent magnetic closure (not lockable)

TECHNICAL

Electrification	1x on-site power connection (230V/50Hz) for control box (control of ventilation and illumination); light and air are operated via KNX wireless push button
Ventilation	Building-independent ventilation of the product. Air intake and removal is achieved via a fan unit in the ceiling. Air exchange performed with ambient air. • Power consumption: 115 W • Power consumption: 1.1 A • Air output volume continuously adjustable: 0 – 1050 m³/h • Factory calibrated up to 660 m³/h
Lighting: Nimbus SL 6 (standard)	flush recessed lamps each with 6 high power LEDs • Power consumption: 14.2 W / 800mA DC constant current • Light colour: 3000 K • Protection class: IP 20 • Light flux: approx. 1100 lm • Energy efficiency class: A+ • Light distribution: 100% direct beam
Lighting: Nimbus SL 6 Tunable White (optional)	flush recessed lamps each with 24 high power LEDs • Power consumption: approx. 17.5 W / 1A DC constant current • Light colour: 2700 - 4000 K • Protection class: IP 20 • Light flux: approx. 1100 lm • Energy efficiency class: A • Light distribution: 100% direct beam
Presence sensor	The presence sensor integrated into the ceiling controls the illumination and ventilation with a factory-set follow-up time of two minutes. The wireless remote control allows you to set the follow-up time, light sensitivity, etc. • Operating current: Bus voltage, approx. 8mA • Brightness adjustment range: 10 – 3000 lx • Light & air follow-up time: 30 sec. – 60 min. • Protection class: IP 20
Power consumption in standby mode	approx. 145 W (estimated)
Power consumption of all consumers on	no measurement value available
Total power connection of fitted sockets	maximum 3 kW

ACOUSTICS/SOUND

Sound tightness between inside and outside (standard sound level difference DnT)	Sound insulation value of up to 37 dB. *DOCUMENT ON REQUEST* The measured value relates to the finished assembled 4.0.
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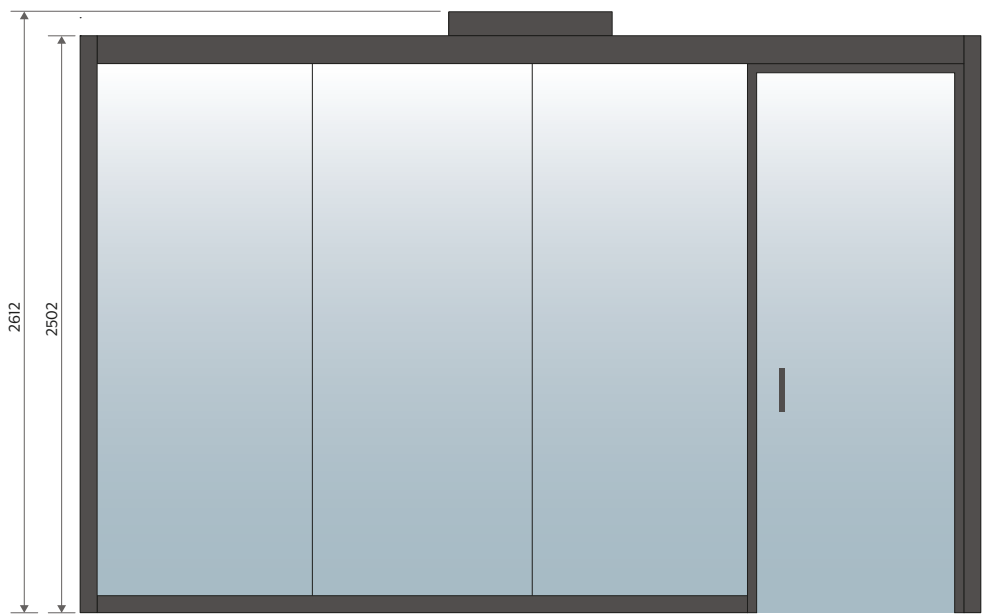
EC DECLARATION OF CONFORMITY

With the EC declaration of conformity, Bosse Design Gesellschaft für Innovative Office Interiors mbH & Co. KG confirms that the human space cube HSC2018 meets the fundamental health and safety requirements of all relevant European guidelines, i.e. conforms to these guidelines.

HEIGHT

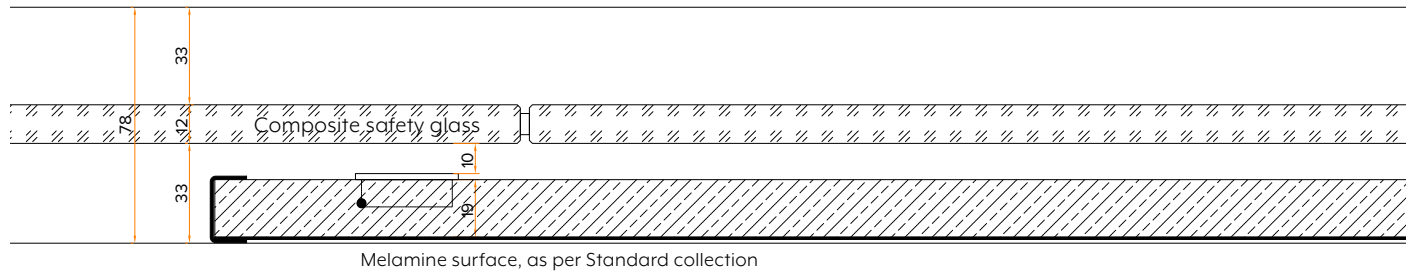
DIMENSIONS

Total height	2612 mm / 102.8"
Ceiling required on-site	2650 mm / 104.3"



SECTION DRAWINGS

FIXED PANEL MELAMINE FINISH



Dimensions

L=2306mm x

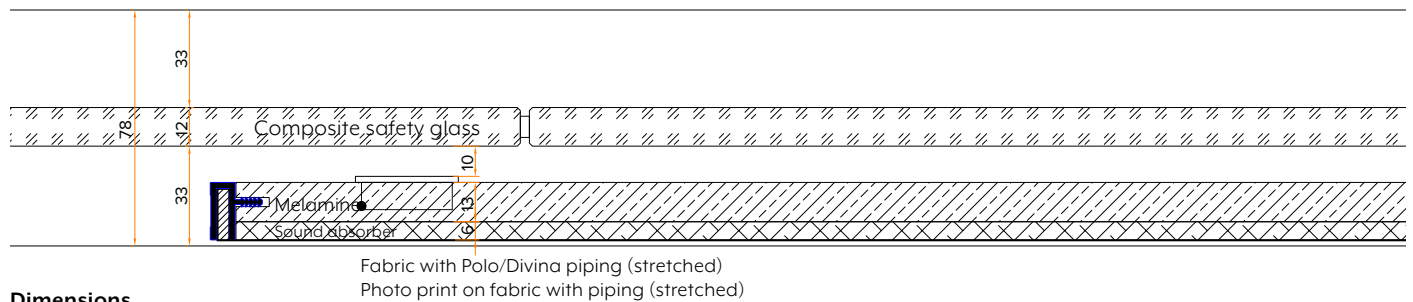
W=994mm

L=2306mm x W=725mm

L=2306mm x

W=362mm

FLEX PANEL ACOUSTIC POLO / DIVINA / PHOTO PRINT



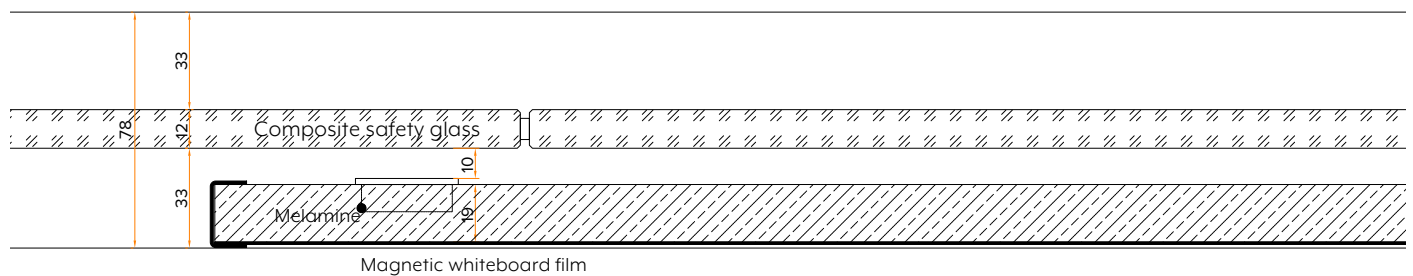
Dimensions

L=2306 mm x W=994 mm

L=2306 mm x W=725 mm

L=2306mm x W=362mm

FLEX PANEL WHITEBOARD WITH FILM FINISH



Dimensions

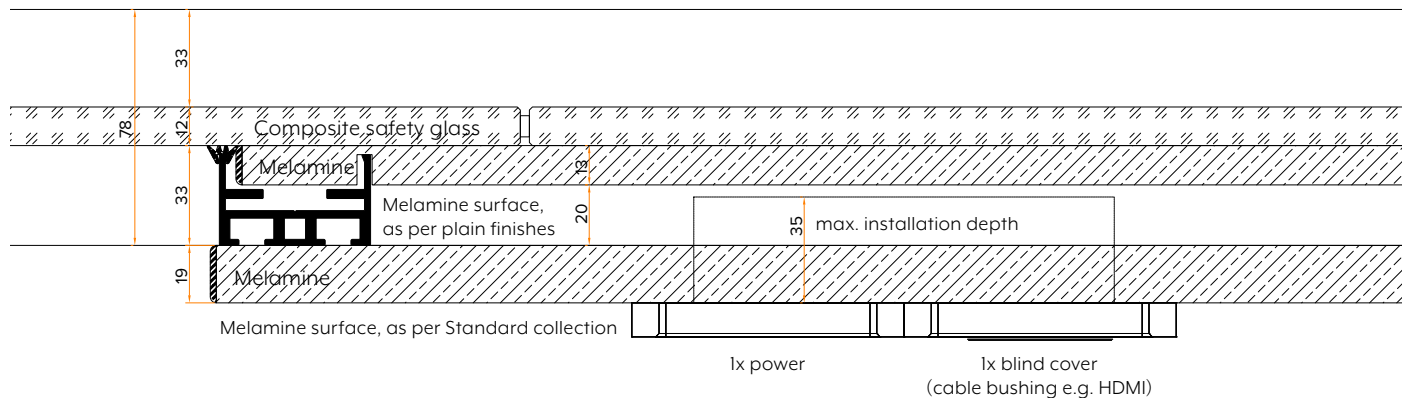
L=2306 mm x W=994 mm

L=2306 mm x W=725 mm

L=2306mm x W=362mm

SECTION DRAWINGS

FIXED PANEL TECHNOLOGY MELAMINE FINISH



Dimensions

L=2308 mm x W=1200 mm

L=2306 mm x W=994 mm

L=2306mm x W=725mm

L=2306mm x W=362mm

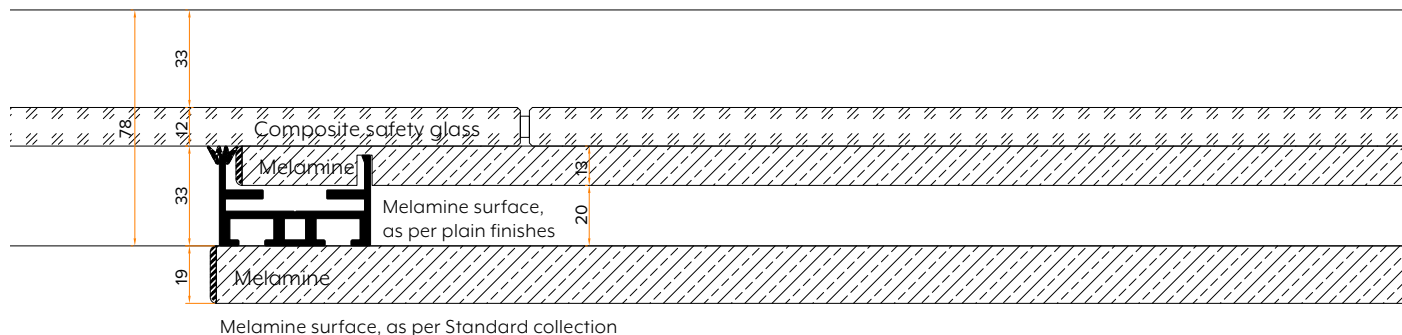
built-in standard sockets: 1 x socket, 1 x blind cover

optional: - 2 slot MEB-BOX with 2 x socket

- 3 slot MEB-BOX with 2 x socket, 2 x RJ45

- 3 slot MEB-BOX with 1 x socket, 2 x RJ45, 1 x HDMI

FIXED PANEL MELAMINE FINISH



Dimensions

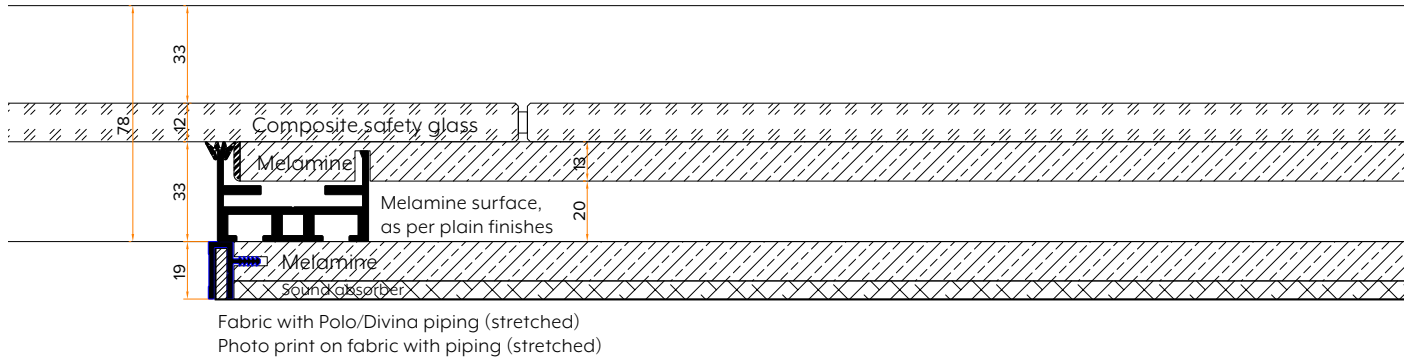
L=2306mm x W=994mm

L=2306mm x W=725mm

L=2306mm x W=362mm

SECTION DRAWINGS

FIXED PANEL ACOUSTIC POLO / DIVINA / PHOTO PRINT



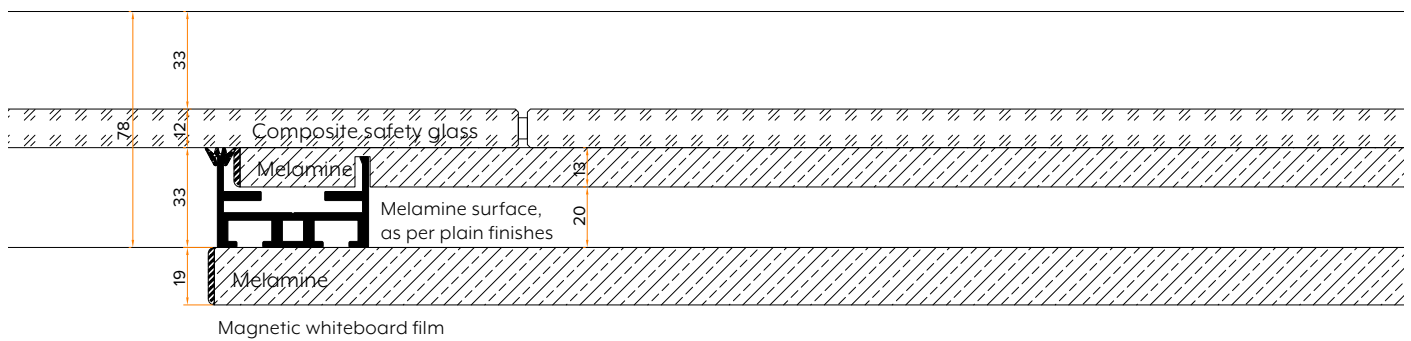
Dimensions

L=2306mm x W=994mm

L=2306mm x W=725mm

L=2306mm x W=362mm

FIXED PANEL WHITEBOARD WITH FILM FINISH



Dimensions

L=2306mm x W=994mm

L=2306mm x W=725mm

L=2306mm x W=362mm

FABRICS

POLO FABRIC

Composition: 100% polyester

Weight: approx. 350 g/m, width: 140 cm

Light fastness: Grade 6 (EN ISO 105-B02)

Friction resistance: wet: 4 – 5 / dry: 4 – 5

Abrasion resistance: 150,000 revolutions
(Martindale; EN ISO 12947)

Fire behaviour: DIN EN 1021-1/2



7703 (4650) *
Honiggelb | Honey yellow



7744 (4613)
Orange | Orange



7745 (4612)
Kupferrot | Pure copper



7711 (4633)
Hellgrün | Vivid green



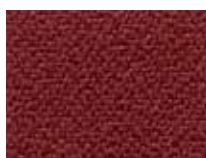
7712 (4632)
Irischgrün | Irish green



7710 (4631)
Grün | Organic green



7740 (4610)
Chillirot | Chili red



7742 (4614)
Rubinrot | Rubin red



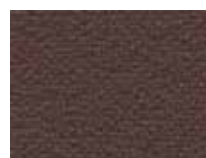
7748 (4611)
Shirazrot | Shiraz red



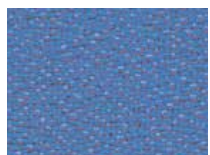
7772 (4642)
Kaschmirweiß | Cashmere



7750 (4641)
Cappuccino | Cappuccino



7760 (4640)
Schokobraun | Chocolate



7725 (4625)
Wasserblau | Lagoon blue



7726 (4624)
Purpur | Purple



7720 (4621)
Standardblau | Classic blue



7731 (4602)
Platingrau | Platin



7730 (4601)
Grau | Metal grey



7733 (4600)
Schwarz | Midnight black



7727 (4626)
Königsblau | Royal blue



7729 (4620)
Nachtblau | Midnight blue

DIVINA FABRIC

Composition: 100% polyester

Weight: approx. 350 g/m, width: 140 cm

Light fastness: Grade 6 (EN ISO 105-B02)

Friction resistance: wet: 4 – 5 / dry: 4 – 5

Abrasion resistance: 150,000 revolutions
(Martindale; EN ISO 12947)

Fire behaviour: DIN EN 1021-1/2



3231
Platingrau | Platin



3250
Cappuccino | Cappuccino



3210
Grün | Organic green



3223
Türkis | Caribbean blue



3219
Indigo Blau | Indigo blue



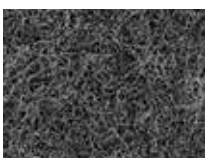
3246
Pink | Pink orchid



3204
Currygelb | Curry yellow



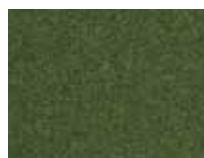
3262
Pfefferbraun | Brown Pepper



3236
Anthrazitgrau | Asphaltgrey



3233
Schwarz | Midnightblack



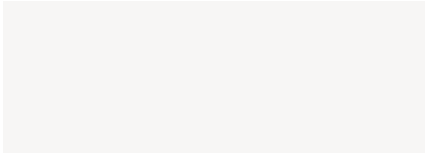
3212
Irischgrün | Irish green



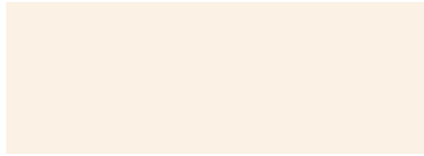
3225
Wasserblau | Lagoon blue

SURFACES

PLAIN FINISHES



Weiß | White



Creme winterweiß | Creme winter white



Grau | Grey



Silber | Silver



Congo | Congo



Vulkangrau | Volcano grey



Anthrazit | Anthracite



Vulkanschwarz VV | Volcano black VV

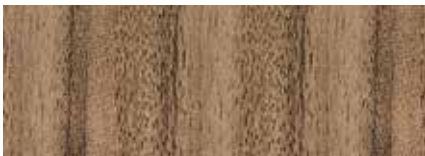
WOOD FINISHES



Ahorn | Maple



Eiche hell | Light oak



Nussbaum | Walnut



Pinie Navara | Navara pine

PANEL VARIANTS

FIXED PANEL

- is installed in a fixed position in the Cube
 - can be disassembled to leave no marks
 - can be retrofitted
 - Glass axis can be fully closed (fixed and fixed panel)
-

FLEXIBLE PANEL

- Freely slides on one axis
 - can be disassembled or hung out at any time to leave no marks
 - can be retrofitted
 - Glass axis can be fully closed (flex and flex panel)
-

Fixed and flex panels can also be positioned side by side, however fixed and flex panels are not flush with one another (fixed panel protrudes by 19 mm)



1 x fixed panel technology
3 x flex panel Acoustic with photo print
(closed as wall)



3 x flex panel Acoustic with photo print
(slides over the corner)



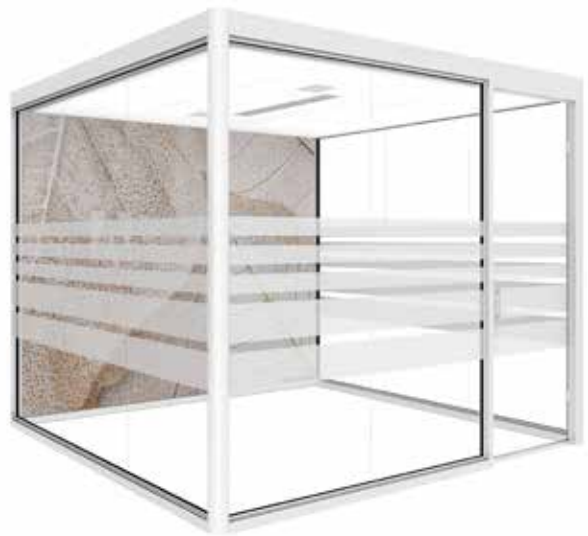
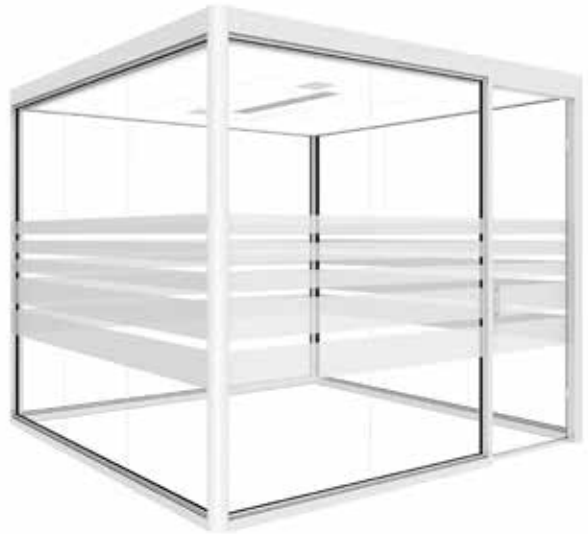
1 x flex panel Acoustic with Polo (interior)
1 x flex panel Acoustic with photo print (exterior)



1 x flex panel whiteboard

FOILING

- Glass axes can be film-covered at customer's request
- Optional whiteboard film on glass



- Laser printing is also an option on the door panel at customer's request



VENTILATION PRINCIPLE



The Human Space Cube ventilation system is an air replacement system that functions independently of the building. The air intake and removal is achieved via a centrally installed fan unit with two diffusers in ceiling with zero draughts. The airflow is fed in from the top, generating excess pressure and removes the air from the centre of the Cube. This circuit generates continuous air circulation and ensures the best possible room climate. The operation of the Human Space Cube ventilation system is low-noise and energy-efficient.

Maximum fan capacity:

- Ventilation system continuously adjustable from 0 – 1050m³/h.
- The system is pre-set in the factory to 660m³/h at 100% fan power.

AIR EXCHANGE

Voltage	Air removal in m ³ /h
10	approx. 1050
9	approx. 970
8	approx. 890
7	approx. 780
6	approx. 660
5	approx. 540
4	approx. 440
3	approx. 305
2	approx. 220
1	approx. 110

EG-Konformitätserklärung im Sinne der EG-Richtlinien



Wir, die Firma Bosse Design
Gesellschaft für Innovative Office Interiors mbH & Co. KG
Stahler Ufer 7
D-37671 Höxter

erklären hiermit, in alleiniger Verantwortung, dass die nachstehend bezeichneten Produkte

Produkt / Gerätetyp	Typenbezeichnung	Artikel-Nr.
Schallisolierter Besprechungsraum	BOSSE human space Bosse cube 4.0	H4CU - B [mm] x T [mm] x H B (Breite außen): 2.152 - 4.500 mm T (Tiefe außen): 2.152 - 4.500 mm H (Höhe außen): Typ A: 2.762 mm Typ B: 2.612 mm Sondermaße möglich

in ihrer Konzeption und Bauart sowie in der von der Bosse Design Gesellschaft für Innovative Office Interiors mbH & Co. KG in Verkehr gebrachten Ausführung mit den grundlegenden Anforderungen der folgenden Richtlinien und Normen übereinstimmen⁽¹⁾.

Richtlinie	Bezeichnung
2014/35/EU	Niederspannungsrichtlinie
2014/30/EU	EMV-Richtlinie
2014/53/EU	Funkanlagenrichtlinie
2011/65/EU	RoHS

Die oben genannte Firma hält die erforderliche technische Dokumentation zur Einsicht bereit.

Höxter, den 01.12.2019


Andre Heuer
Geschäftsführer

Anmerkungen:

- 1) Diese Konformitätserklärung verliert ihre Gültigkeit, wenn das Produkt ohne ausdrückliche Zustimmung der Bosse Design Gesellschaft für Innovative Office Interiors mbH & Co. KG umgebaut, ergänzt oder in sonstiger Weise verändert wird, wenn Bauteile, die nicht zum Originalzubehör der Bosse Design Gesellschaft für Innovative Office Interiors mbH & Co. KG gehören, in das Produkt eingebaut werden, sowie bei unsachgemäßem Anschluss oder nicht bestimmungsgemäßer Verwendung.

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