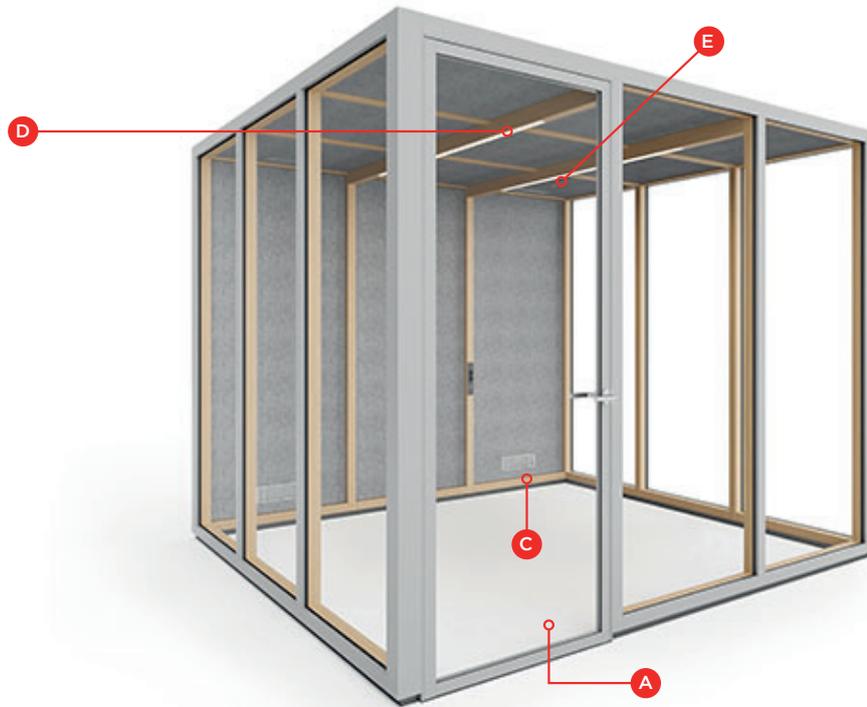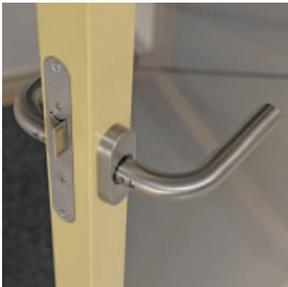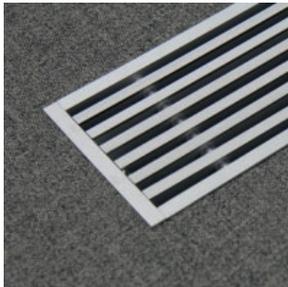# dynamobel

EVA Room 2x2 · 3x3 · 4x4

EVA Rooms are a set of different-sized spaces for work or team meetings. Because the EVA programme is modular, it is possible to build 2x2 rooms, 3x3 rooms, 4x4 rooms and so on. Its efficient ventilation, lighting and soundproofing systems offer an optimal working environment without losing any personality and with a design that fits into any setting.
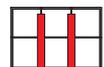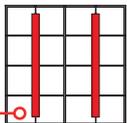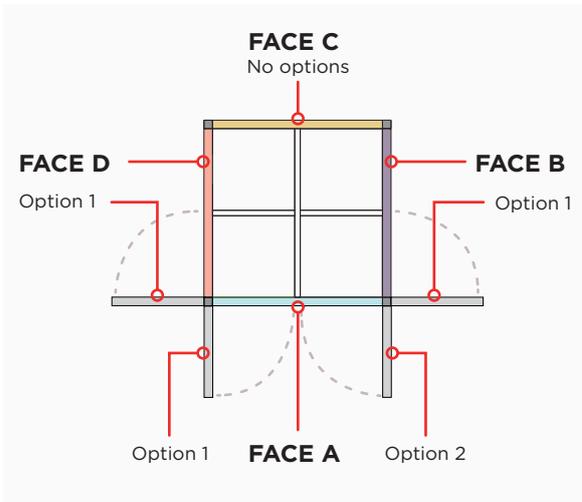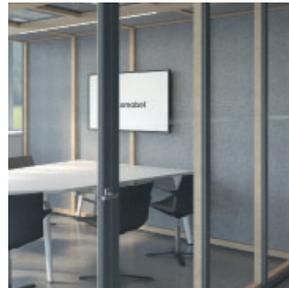
FEATURES

- Framed door in single-glazed 5+5 glass with acoustic laminate and 2 concealed hinges with 3D adjustment system (A).

- Passage door handle without lock (B).

- Air renewal system which remains on for 8 minutes following departure of the user (time modifiable from 1 to 8 minutes). The DIN 1946 standard states that the air should be renewed 5-10 times an hour (C).
  Air renewal by room size:
  - 2x2 room: 1 ceiling panel with two extractors, extraction capacity 280 m³/h, 29 times/hour.
  - 3x3 room: 2 ceiling panels with two extractors (4 in total), extraction capacity 560 m³/h, 26 times/hour.
  - 4x4 room: 2 ceiling panels with two extractors (4 in total), extraction capacity 560 m³/h, 14 times/hour.

- 34 W/m LED lighting, 6500K white light and 3100 lm/m. Built into the longitudinal profile (D) and with presence sensor (E):
  - 2x2 room: on central beam.
  - 3x3 room: on the two central beams.
  - 4x4 room: on the two intermediate beams.

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EVA Room 2x2 · 3x3 · 4x4

FACE C
No options

FACE D
Option 1
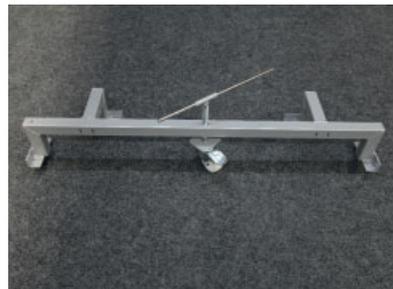
FACE B
Option 1

Option 1   **FACE A**   Option 2

OPTIONAL FEATURES

- Left or right opening door, always hinged on corner post. On face A (two options: on either side), B (1 option) or D (1 option) (**A**).
- Key lock.
- The A, B, C and D panels can be in 5+5 acoustic laminated glass or fabric. To achieve agreeable acoustic comfort, we recommend that at least one face has fabric panels.
- VDU wall mount: located on the central post in 2x2 and 4x4 rooms (**B**) and on the central panel in 3x3 rooms (**C**).
- Magnetic whiteboard between posts (**D**).
- Double power socket with 2 USB charging outlets built into post (2 height options). The 2x2 and 3x3 rooms have 1 unit. The 4x4 rooms have 2 units (**E**).
- Mechanism which allows you to move the room following assembly and adapt your workspace agilely (**F**).
- Ready for the subsequent installation of smoke detection and emergency exit systems by the customer.

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EVA Room 2x2 · 3x3 · 4x4

DESCRIPTION

STRUCTURE

Main profiles in extruded aluminium joined by metal connectors and hidden screws. **The interior profiles** are clad in **natural wood European oak veneer with an open-pore, clear varnish finish, achieving the warmth of wood to both the eye and touch.** The outer profiles are painted in the customer's choice of epoxy polyester coating.

All the profiling is factory pre-cut to measure for **quick, clean assembly**. Rubber excluder strips for **a perfect seal to prevent air and sound leakage** come included.
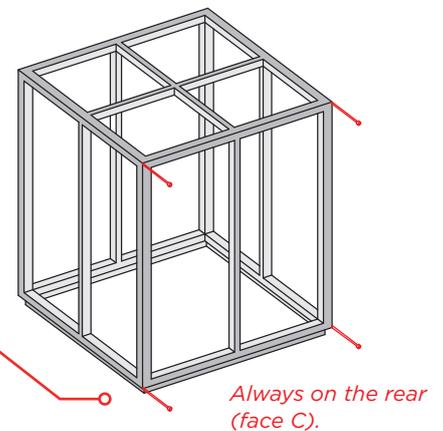
The entire wiring system for the presence sensor, air extractor, power sockets and USB charging outlets **is built into the profiles, leaving no wires in view.**

BASE

Profiled steel bottom runner, onto which an aluminium plinth is fitted.
Fitted with levellers to compensate for uneven floors.

The room is hooked up externally to the mains via a Schuko connector which can be fitted **on one of the 4 points available** (2 bottom rear and 2 top rear), **selected on assembly.**
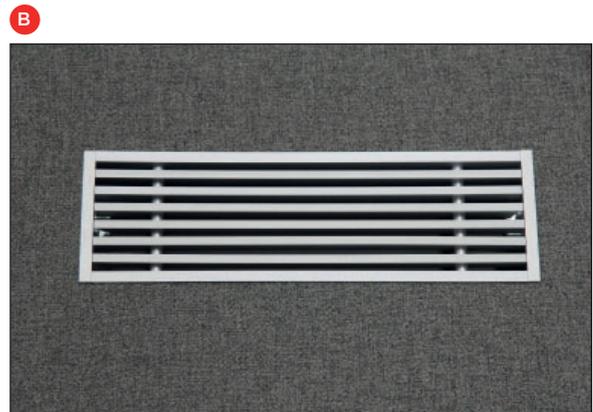
Always on the rear (face C).

PANELS

The rooms are sealed with **interchangeable panels**, which can be:
1. Acoustic laminated 5+5 **glass.**
2. **2 Fabric** interior and metal exterior.

Exterior panel in folded, formed sheet steel, perforated at the bottom to facilitate the entry of air (**A**), with a 13-mm thick plasterboard panel (insulation) and a 30-mm thick sheet of acoustic PET (absorption). Finish in the epoxy polyester coating of the customer's choice, selected from the range available.

Fabric interior finish. With anodised aluminium grille at the bottom to permit the entry of air (**B**).

These panels are attached to the main structure with extruded aluminium clamping profiles.

A
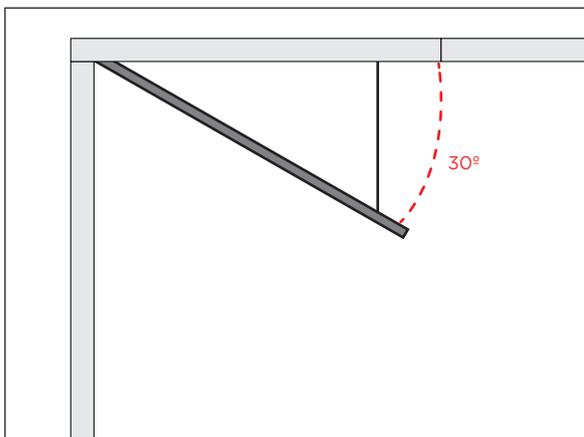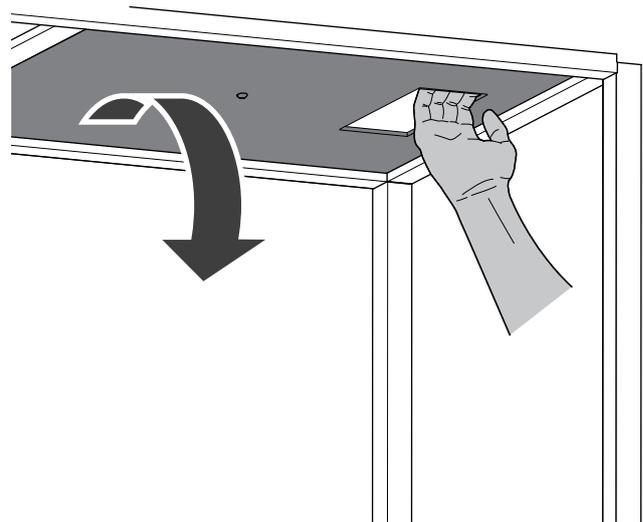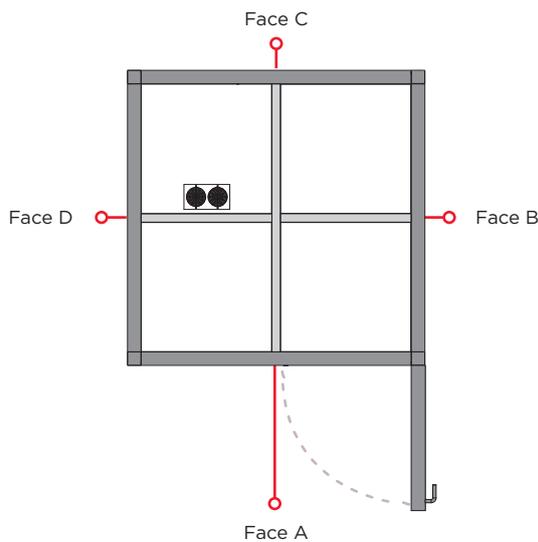
B

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EVA Room 2x2 · 3x3 · 4x4

TOP

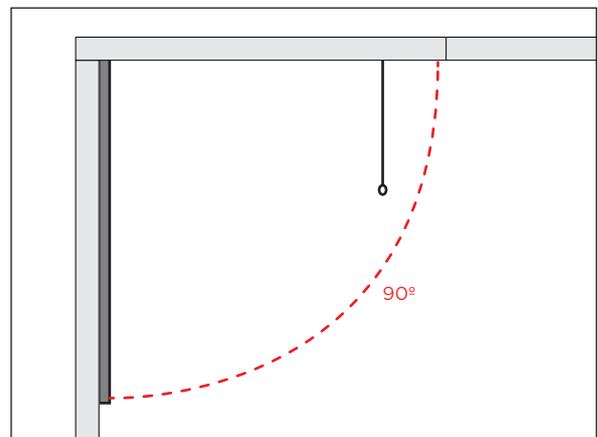There are three types of top panels with fabric interior finishes:

- **T0:** Blind fabric ceiling finish. Exterior in formed sheet steel, with 13-mm thick plasterboard (insulation) and a 30-mm thick sheet of acoustic PET (absorption).
- **T2:** Blind fabric ceiling finish. Exterior in formed sheet steel. Ceiling with smoke detection cable and extraction: 1 unit in 2x2 rooms and 1 unit in 4x4 rooms.
- **T3:** Blind fabric ceiling finish. Exterior in formed sheet steel. Ceiling with extraction without smoke detection cable: 1 unit in 4x4 rooms (panel exclusively for these rooms).

Fabric interior finish. It has an integrated anodized aluminum grille that does not coincide with the exterior perforation, forcing the air to follow a path between sound-absorbing PET panels and allowing air to escape through the extraction system.

The air renewal and lighting systems, the cable for the subsequent installation of a smoke detection system and the power supplies for the electrical components are built into corner ceiling panels against face C of the room. The service panels are hinged and can be opened from inside the room for easy access to these systems. When opened, the panels are secured by 1 cord to provide a 30º aperture or the cord can be released to open the panel 90º.

Face C

Face D   Face B

Face A

Service ceiling panel opened to 30º

30º

Service ceiling panel opened to 90º

90º

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EVA Room 2x2 · 3x3 · 4x4

DOOR

Clear door opening: 80.3 x 205 cm. **Framed, single-glazed 5+5 glass door leaf with acoustic laminate and 2 concealed hinges with 3D adjustment system** to adjust the door in all directions.
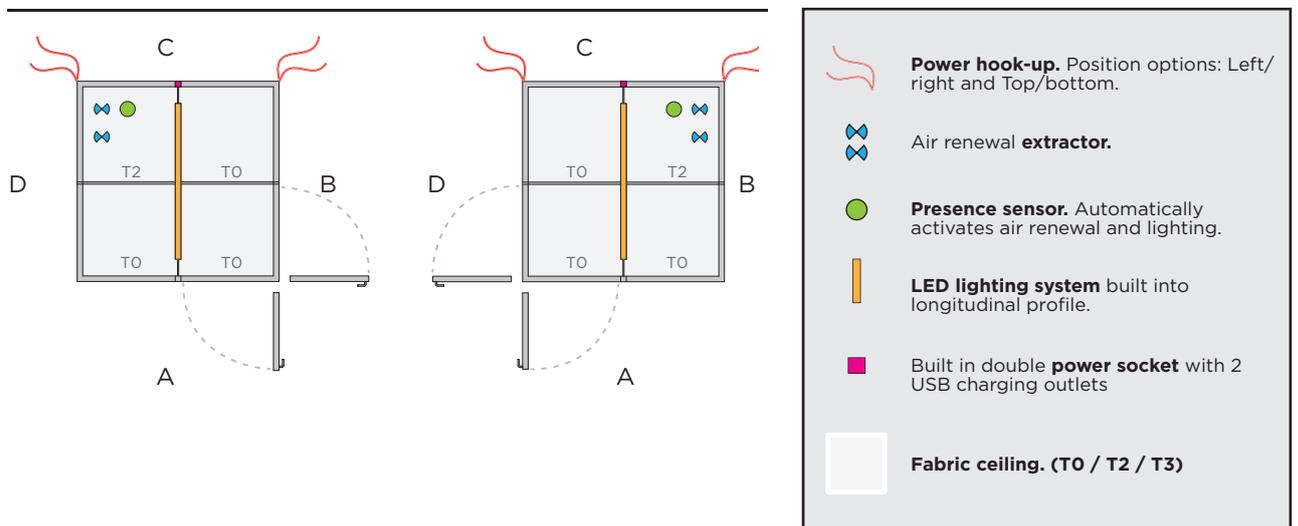
For safety reasons, the framed glass door, which offers full visibility of the transit area outside the room, is the only option available.
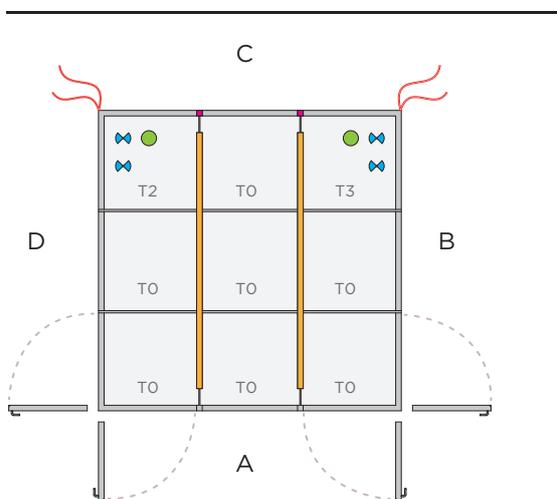
The door **comes with door handle included.**

SUMMARY OF SERVICE CEILING PANELS

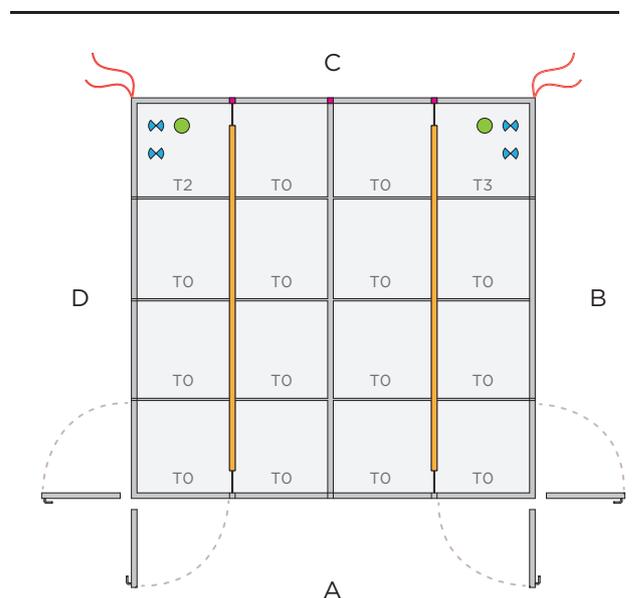Here is a schematic summary of the different features of the rooms according to size.

EVA Room 2x2

Key

Key legend:

Power hook-up. Position options: Left/right and Top/bottom.

Air renewal **extractor.**

Presence sensor. Automatically activates air renewal and lighting.

LED lighting system built into longitudinal profile.

Built in double **power socket** with 2 USB charging outlets

Fabric ceiling. (T0 / T2 / T3)
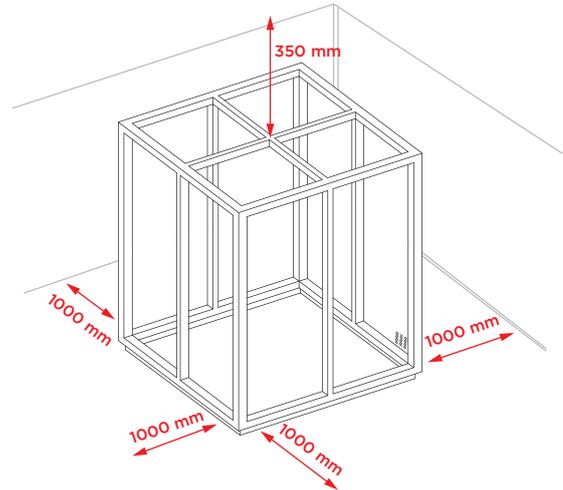
EVA Room 3x3

EVA Room 4x4

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EVA Room 2x2 · 3x3 · 4x4

IMPORTANT RECOMMENDATIONS TO LOCATE THE EVA ROOMS

Below we detail some important recommendations to take into account when locating the EVA rooms, in assembly and in final location.
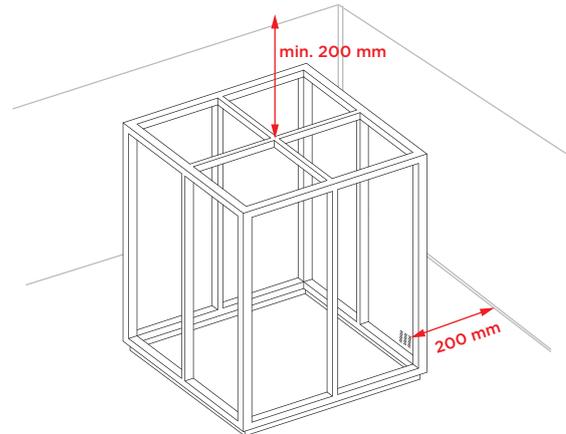
For assembling
- 1 linear meter is needed around the room to allow its assembly.
- There must be a distance of 350 mm from the ceiling of the room to the ceiling of the installation to be able to screw/mount the upper structure. Otherwise, you must ensure that you can mount it in another space where this distance to the ceiling of the installation is available, in addition to the possibility of moving the room from the mounting point to the final location of the product. To do this, you must request the movement mechanisms of the room.
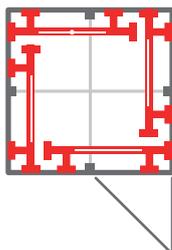

For final location of the room
- In the final location of the room there must be a space of 200 mm from the air grilles of the side panel to the nearest wall and with respect to the ceiling we will have at least 200 mm.
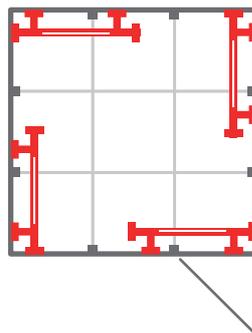

Arrangement of the support (trolley) for moving the rooms.
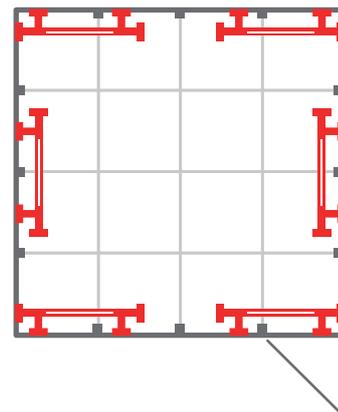Place each support according to the illustration.
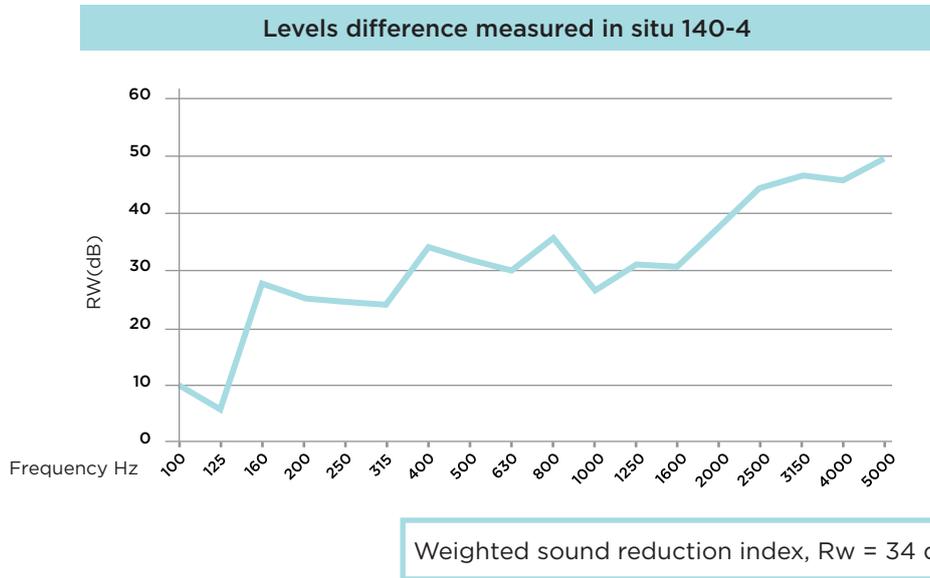
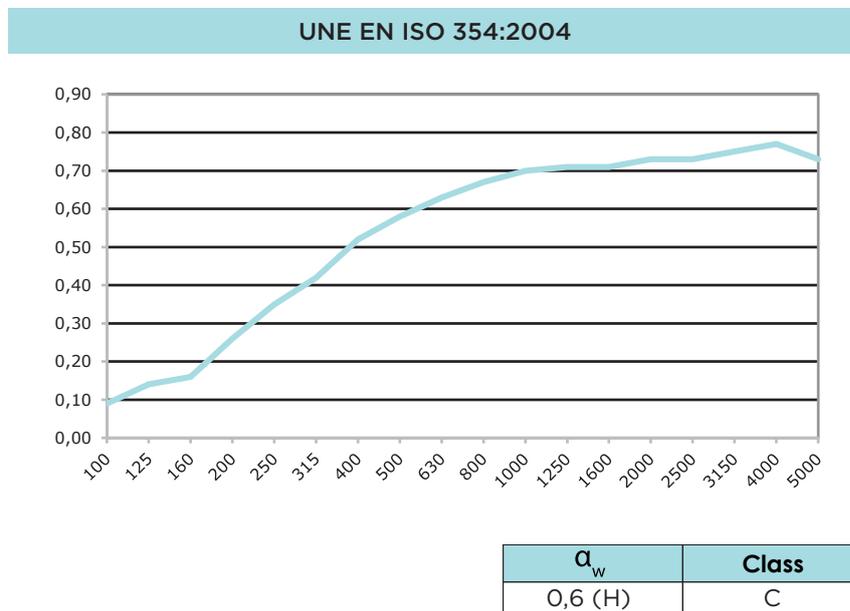Room 2x2 = 4 units   Room 3x3 = 4 units   Room 4x4 = 6 units

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EVA Room 2x2 · 3x3 · 4x4

CERTIFICATES AND STANDARDS

Acoustics
- Airborne sound insulation: 34 dB per UNE-EN ISO 10140-2:2011

Levels difference measured in situ 140-4

RW(dB) vs Frequency Hz

Weighted sound reduction index, Rw = 34 dB

- Interior Sound Absorption Class C with αw = 0.6 as per UNE EN ISO 354: 2004 (Geopanel).

UNE EN ISO 354:2004

α_w	Class
0,6 (H)	C

Fire
All the elements which make up the EVA pod are certified as B-s1-d0 for reaction to fire according to EN 13501-1 + A1:2013.

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EVA Room 2x2 · 3x3 · 4x4

CLEANING AND MAINTENANCE

Taking proper care, and properly cleaning, of the booth will extend its service life and make it more comfortable to use.

Painted surfaces:
- Use a neutral soap with lukewarm water or an all-purpose detergent.
- Clean the surfaces gently; do not use excessive force to avoid marking or discolouring them.
- Do not use alkaline or acidic cleaning products (bleach, ammonia...) since they could damage the surfaces.
- Do not use alcohol, acetone or solvents.
- Do not use abrasive cloths or scouring pads so as to not irreparably damage the surfaces.

Glass panes:
- Use a neutral soap with lukewarm water or a store-bought cleaning product.

Carpet:
- Use a hoover to keep dirt and small objects from building up on the carpet.
- Avoid using of bleach or ammonia.

Ventilation grille:
- Use a hoover to keep the suction grille clean.
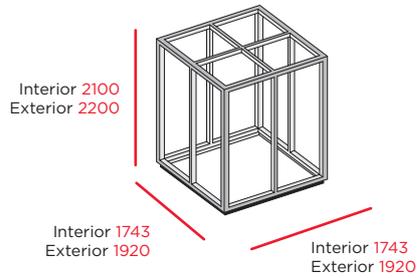
RECYCLING OF ELECTRICAL COMPONENTS:

Electrical components must be treated separately from household waste.
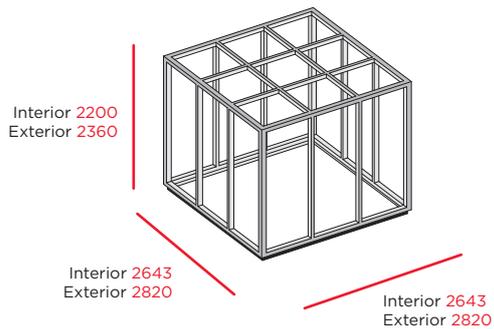
Directive 2002/96/EC (WEEE)

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EVA Room 2x2 · 3x3 · 4x4

RANGE

EVA ROOM 2X2

Interior 2100
Exterior 2200

Interior 1743
Exterior 1920

Interior 1743
Exterior 1920

EVA ROOM 3X3

Interior 2200
Exterior 2360

Interior 2643
Exterior 2820

Interior 2643
Exterior 2820

EVA ROOM 4X4

Interior 2200
Exterior 2360

Interior 3543
Exterior 3720

Interior 3543
Exterior 3720