

MOBILITY PRO

— By Actiu —



Mobility Pro by ACTIU

MOBILITY PRO is a program that sets new standards in the world office installation. The program consists of a combination of different height adjustment solutions for single and twin desks, offering a wide range of tops that allows you to create any desired layout, to suit the needs of each user.

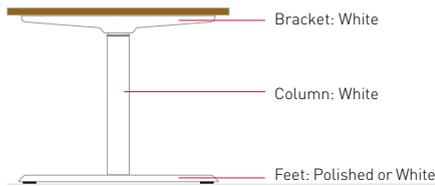
MOBILITY PRO offers four different desking models allowing great possibilities to the program. Desks with mechanical, crank or electronic height adjustment and also a fixed desk. Users can therefore adjust the desk to their needs. Sitting and sit/stand position. Available in both single and twin desks.



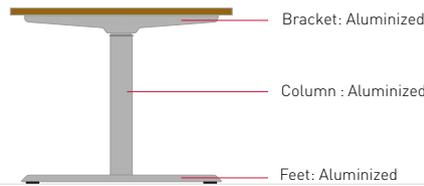
COMBINATION OF FEET, COLUMNS AND BRACKETS

Below is a graphic example of the colour combinations of brackets, columns and legs, for single fixed, hand craft lift and mechanical adjustable desks.

White frame finish:

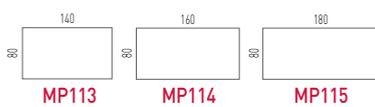


Aluminized frame finish:



MOBILITY PRO - FIXED DESKS - 74 cm Height

Straight desks - 80 cm



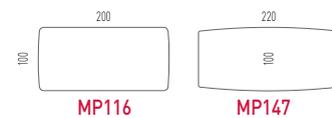
Auxiliary table



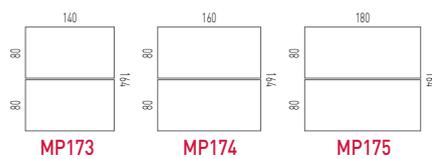
Auxiliary sides



Management and meeting desks

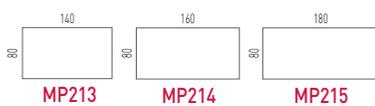


Twin desks - 164 cm

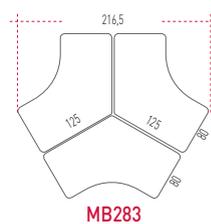


MOBILITY PRO - DESKS WITH MECHANICAL ELEVATION - 65 to 86 cm height

Straight desks - 80 cm

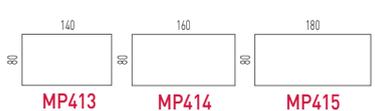


120° triple deks - 216,5 cm

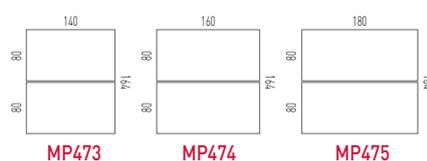


MOBILITY PRO - DESKS WITH HAND CRANK LIFT ELEVATION - 65 to 95 cm height

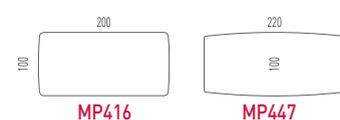
Straight desks - 80 cm



Twin desks - 164 cm



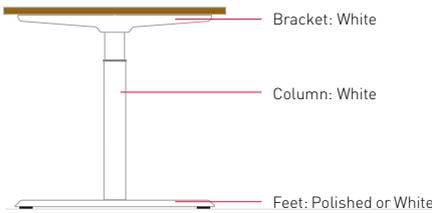
Management and meeting desks



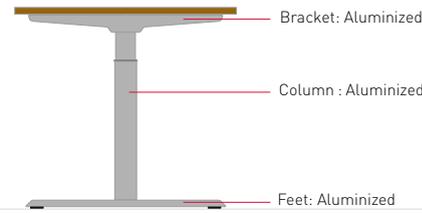
COMBINATION OF FEET, COLUMNS AND BRACKETS

Below is a graphical example of the colour combinations of brackets, columns and legs, for single electronic elevation desks.

White frame finish:

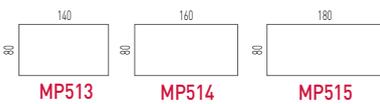


Aluminized frame finish:

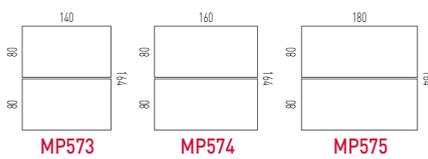


MOBILITY PRO - DESKS WITH ELECTRONIC ELEVATION - 2 STAGES - 72 to 117 cm height

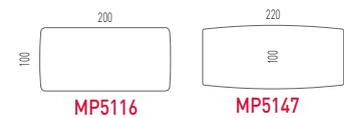
Straight desks - 80 cm



Twin desks - 164 cm

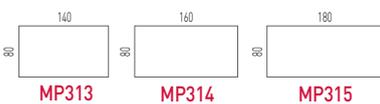


Management and meeting desks

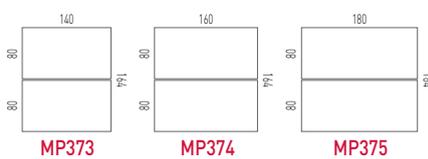


MOBILITY PRO - DESKS WITH ELECTRONIC ELEVATION + SENSE - 3 STAGES - 65 to 130 cm height

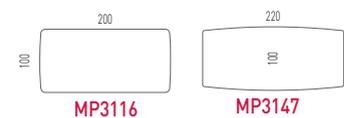
Straight desks - 80 cm



Twin desks - 164 cm



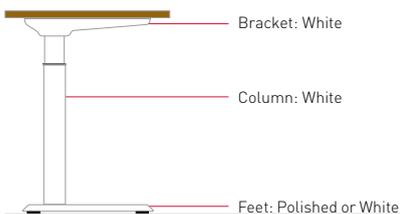
Management and meeting desks



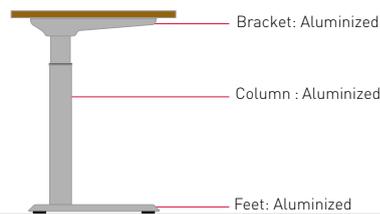
COMBINATION OF FEET, COLUMNS AND BRACKETS

Below is a graphical example of the colour combinations of brackets, columns and legs, for single fixed and mechanical adjustable desks.

White frame finish:



Aluminized frame finish:



MOBILITY PRO TRAINING- FIXED DESKS - 74 cm Height

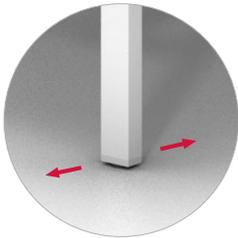
Straight desks - 50 cm



■ **MOBILITY PRO SCHEME**

TYPE	RANGE	STAGES
Fixed	h= 74 cm	1 Stage
Mechanical elevation	h= 64 / 86 cm (every 20 mm)	2 Stages
Manual handle elevation	h= 64 / 95 cm (6mm per turn)	2 Stages
Electronic elevation + SENSE	h= 65 / 130 cm (EN 527-1:2011)	3 Stages 2 Motors
Electronic elevation	h= 72 / 117 cm	2 Stages 1 Motor
Training	h= 74 cm	1 Stage

■ **LEGS**

<p>Cantilever 720 x 60 mm</p>  <p>Single Desks Meeting Direccional</p>	<p>Cantilever 480 x 60 mm</p>  <p>Training</p>	<p>Leg with small castor (for sliding)</p>  <p>Twin Desks</p>	<p>Leg with tread</p>  <p>Returns (only) 96x60 cm</p>	<p>Leg anchored to the floor 280 x 80 mm</p>  <p>Training (optional for projects)</p>
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■ **FINISHES**

Melamine



Estructure



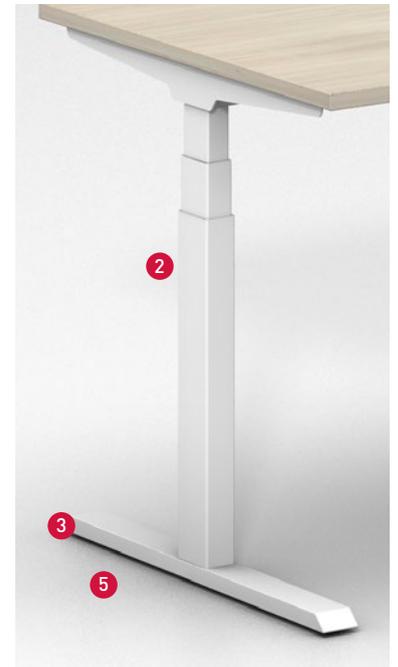
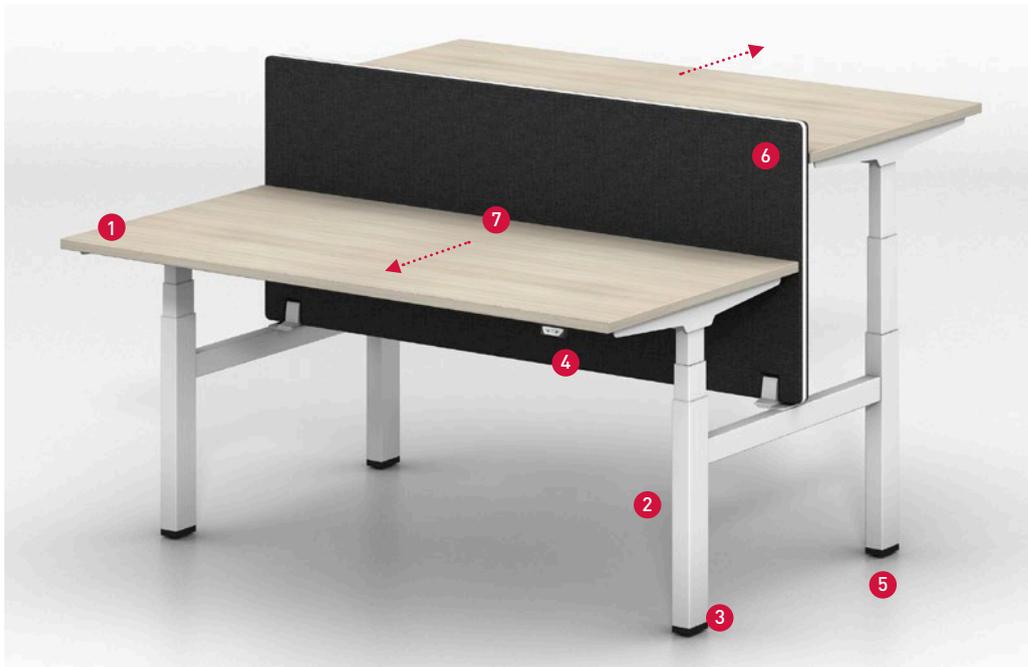
HPL



Compact Laminated



■ SINGLE / TWIN DESK + **SENSE**



■ DESCRIPTION

- ① Desktop available in melamine, HPL or compact.
- ② Metal structure of steel tube 80x50 mm, 74x44 mm, 67x37 mm and t=2 mm. Available in white and silver finishes. ABS trim profile in white finish, fixed to the exterior column.
- ③ **Single.** Aluminium injected leg. Dimensions 720x60 mm. Available in white and silver.
Twin. Steel tube leg. Available in white and silver.
- ④ Electronic elevation. 65 - 130 cm. Fulfil EN 527-1:2011. Incorporates **SENSE** system.
- ⑤ Levelers made of injected PP in black. Anti Slip pad.
- ⑥ Desktop screens and accessories:
 - Vertical desktop screens, in: melamine, glass, fabric or SPLIT
 - CPU 's, desktop screens and modesty panels.
- ⑦ Electrification:
 - Electrification tray made of steel 1.5 mm thick. Finished in white and silver
 - Easy access to electrification tray using a sliding desktop
 - Access to wiring "T", via PUSH LATCH system.

④



3 STAGES
Electronic elev.
2 Motors
H 65- 130 cm.

⑦

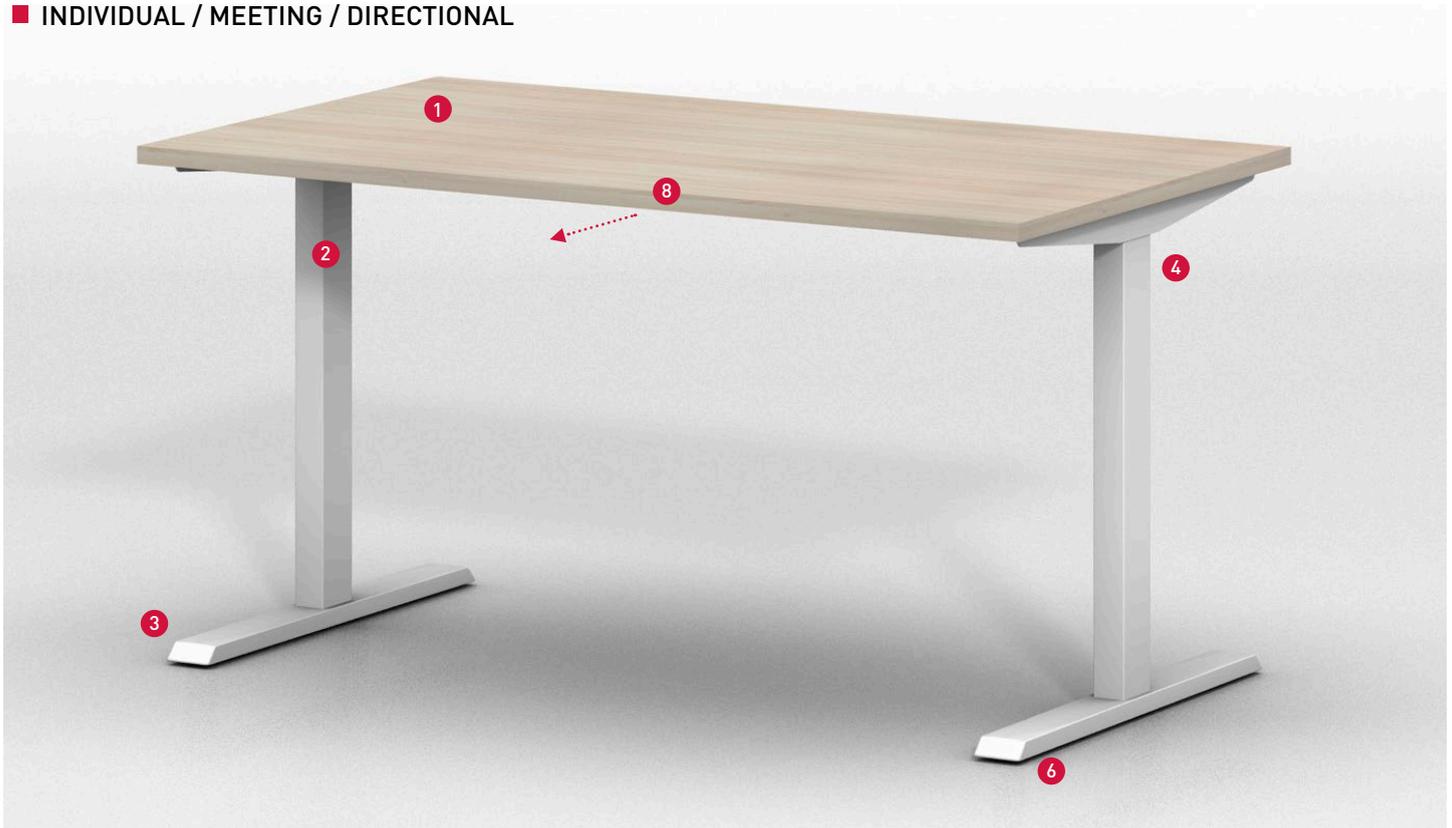


Flip-up cable access "T"
Push Latch system

SENSE 
NEW SECURITY SYSTEM

New anti-collision Security System it is included in Mobility PRO desks (3 stages & 2 motors). It is based in **physic sensors** placed in the leg. This system allows to have a **sensitive response** to any collision both when the desk is going up and going down. The system will immediately stop.

■ **INDIVIDUAL / MEETING / DIRECTIONAL**



■ **DESCRIPTION**

- ① Desktop available in melamine, HPL or compact.
- ② Metal structure of steel tube 73,5x43,5 x 2 mm for the desks with fixed height and 80x50x2 mm (exterior) and 73,5x43,5 x 2 mm (interior) for adjustable desks. Available in white and silver finishes. ABS trim profile in white finish, fixed to the exterior column (only 2 stages).
- ③ Aluminium injected leg fixed. Dimensions 720x60 mm. Available in white and silver.
- ④ Available in fixed height, mechanical elevation, electronic and manual handle elevation.
- ⑤ Available wing for fixed height desks. Dimension 96x60 cm. The leg incorporates an inner bearing.
- ⑥ Levelers made of injected PP in black. Anti Slip pad.
- ⑦ Desktop screens and accessories:
 - Vertical desktop screens, in: melamine, glass, fabric or SPLIT
 - CPU 's, desktop screens and modesty panels.
- ⑧ Electrification:
 - Electrification tray made of steel 1.5 mm thick. Finished in white and silver
 - Easy access to electrification tray using a sliding desktop
 - Access to wiring "T", via PUSH LATCH system.

④

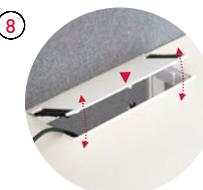


1 STAGE
Fixed. H74 cm



2 STAGE
Mechanical elev.
H 65-86 cm.
Manual handle elev.
H 65-95 cm.
Electronic elev.
1 Motor
H 72-117 cm.

⑧



Flip-up cable access "T"
Push Latch system

⑤



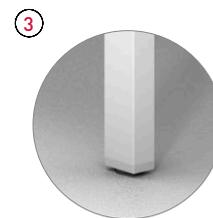
Available wing for fixed height desks. Dimension 96x60 cm. The leg incorporates an inner bearing.

■ TWINS



■ DESCRIPTION

- ① Desktop available in melamine, HPL or compact.
- ② Metal structure of steel tube 73,5x43,5x2 mm for the desks with fixed height and 80x50x2 mm (exterior) and 73,5x43,5x2 mm (interior) for adjustable desks. Available in white and silver finishes. ABS trim profile in white finish, fixed to the exterior column.
- ③ Leg with leveler. Aluminium injected leg fixed with optimal dimensions 480x60 mm.
- ④ Available in mechanical elevation, elevation with manual handles and electronic elevation.
- ⑤ Levelers made of injected PP in black. Anti Slip pad.
- ⑥ Desktop screens and accessories:
 - Vertical desktop screens, in: melamine, glass, fabric or SPLIT
 - CPU's, desktop screens and modesty panels.
- ⑦ Electrification:
 - Electrification tray made of steel sheet 1.5 mm thick. Finished in white and silver
 - Easy access to electrification tray using a sliding desktop
 - Access to wiring "T", via PUSH LATCH system.



Leg



1 STAGE
Fixed. H74 cm



2 STAGE
Manual handle elev.
H 65-95 cm.
Electronic elev.
1 motor
H 72-117 cm.



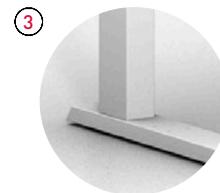
Flip-up cable access "T"
Push Latch system

■ TRAINING



■ DESCRIPTION

- ① Desktop available in melamine, HPL or compact.
- ② Metal structure of steel tube 73,5x43,5x2 mm for the desks with fixed height and 80x50x2 mm (exterior) and 73,5x43,5x2 mm (interior) for adjustable desks. Available in white and silver finishes. ABS trim profile in a white finish, fixed to the exterior column (only 2 stages).
- ③ Cantilever injected with aluminum dimension 480x60 mm or cantilever with system anchored to the floor made with steel 8 mm thickness and dimensions 280x80 mm (optional for projects).
- ④ Available in fixed heights.
- ⑤ Levelers made of injected PP in black. Anti Slip pad.
- ⑥ Desktop screens and accessories:
 - Tray for documents.
 - Vertical desktop screens, in: melamine, glass, fabric or SPLIT.
 - CPU's, desktop screens and modesty panels.
- ⑦ Electrification:
 - Electrification tray made of steel 1.5 mm thick. Finished in white and silver
 - Access to wiring via PUSH LATCH system.
- ⑧ Enables the progression of desks with shared feet.



Short cantilever



Floor fixing



1 STAGE
Fixed. h 74 cm



2 STAGE
Mechanical elev.
h 65-85 cm.

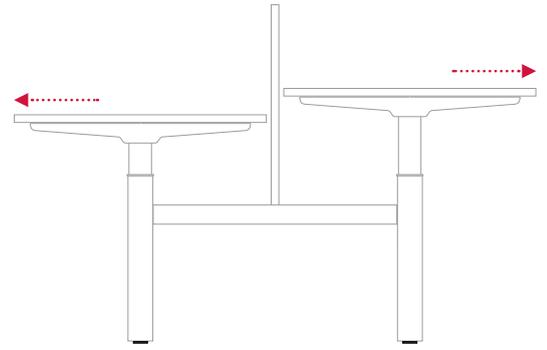
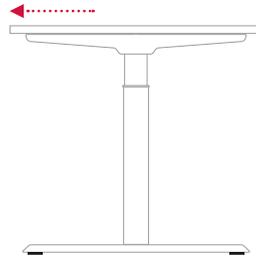


Tray for documents



■ **SLIDING DESK TOP**

Sliding desk top. Total accessibility to the electrification tray. It enables the sliding of desktops for **twin and single desks** towards the user, allowing easy access to the electrification tray. There is an option for a bigger twin cable tray with metal cover to be used as a cable houser and drive cables through multiple cable trays.



■ **ACCESSORIES**



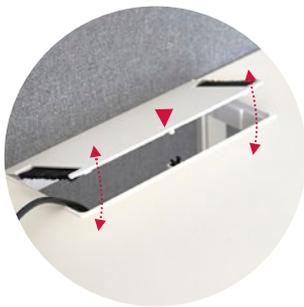
Electrification trays for individual and twin desks



Trays for documents. Sheet metal 2mm. Only available in Mobility Pro TRAINING



Steel or melamine modesty panels



Flip up cable access "T" "PUSH LATCH"



SPLIT desktop divider



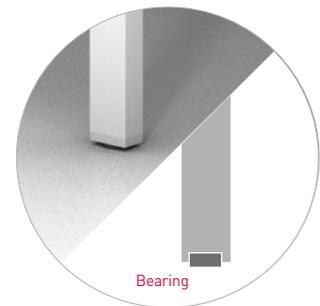
Upholstered and acoustic desktop screens 20/40 mm. With soundproofing properties



UP & DOWN control included in ALL desks with electronic elevation.



Manual Handle of elevation 33 mm / rev



Return leg with inner castor for easy slide

NOISE POLLUTION IN THE OFFICE

Generally, the noise pollution levels in an office do not constitute a hearing risk for the people, however it can generate inconveniences that may affect concentration, work performance or attention span.

Acoustic comfort is the sound level that does not disturb and does not cause direct damage to health. The acoustic comfort is better in offices with high level of acoustic products.



REFERENCE VALUES

There is no mandatory acoustic legislation. Nevertheless, according to the Technical Guide from RD 488/1997, April 14, noise should not exceed 55 Db (A) when the user is doing difficult tasks.

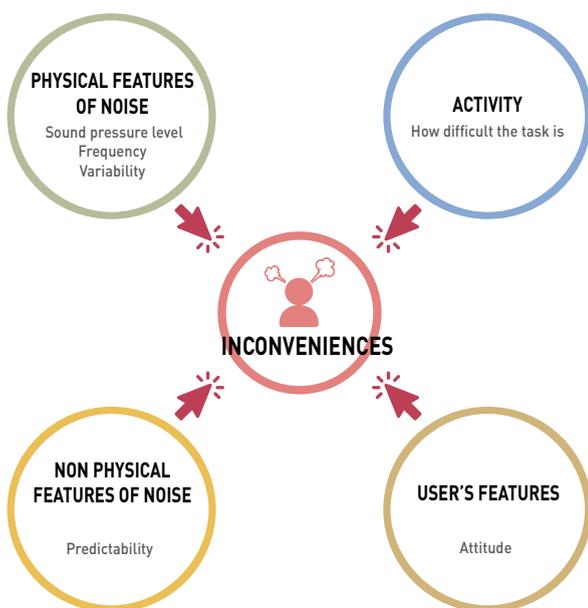
• Basic building legislation	88 dB(A)
• Professional office	40 dBA
• Offices	45 dBA

CAUSES OF ACOUSTIC POLLUTION

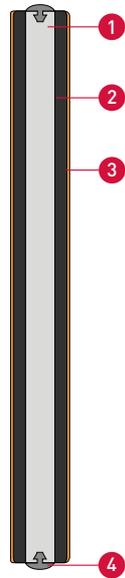
- Attitude of the user. Does he accept it or not.
- Physical features of noise
 - » Types of tones. Pure tones (those that do not vary in frequency) more annoying than the compounds. Even more when aired on audible frequencies (500 – 2000Hz)
 - » Frequency. More annoying high frequencies than low ones.
 - » Randomness. The variation in noise annoyance increases.
- Non physical characteristics. The most annoying noise is the less predictable noise.
- Type of activity. Higher discomfort when more concentration is needed.

HOW TO CONTROL NOISE SOURCES

- Controlling noise within teams by:
 - » Installing printers and faxes in remote rooms and areas
 - » Using silent office equipment, by adding insulated housing
 - » Lower the intensity of telephones and communication devices
 - » Use doors with spring systems....
- Control the noise within ventilation and air conditioning
- **Avoid noise transmission between units using insulating the walls**
- Creating acoustic barriers by:
 - » Using acoustic materials in the walls, ceilings and floors
 - » **Using surfaces that do not reflect noise too much. (Reverberation Time ≤ 1 seg)**
 - » Placing acoustic panels and screens between desks and workstations
 - » Provide office furniture that improves the acoustic behavior of space, hollow ceilings, carpeted floor, upholstered chairs....
 - » **Respect the local occupancy according to its volume and its use**
 - » Achieve quiet habits of conduct and communication



ACCOUSTIC SCREEN 40MM THICK



- ① 16 mm thick Chipboard
- ② Foam thickness $e= 10\text{ mm}$ and 60 Kg/m^3 density (etotal= 40 mm)
- ③ Different fabrics available glued using water glue.
- Optional acoustic or fire resistant fabrics for projects.

Actiu fabric range		
GROUP "M"	MELANGE	Medium acoustic properties. Fire resistant fabric.
GROUP "T"		Low acoustic properties
GROUP "F"	ATLANTIC	Good acoustic properties

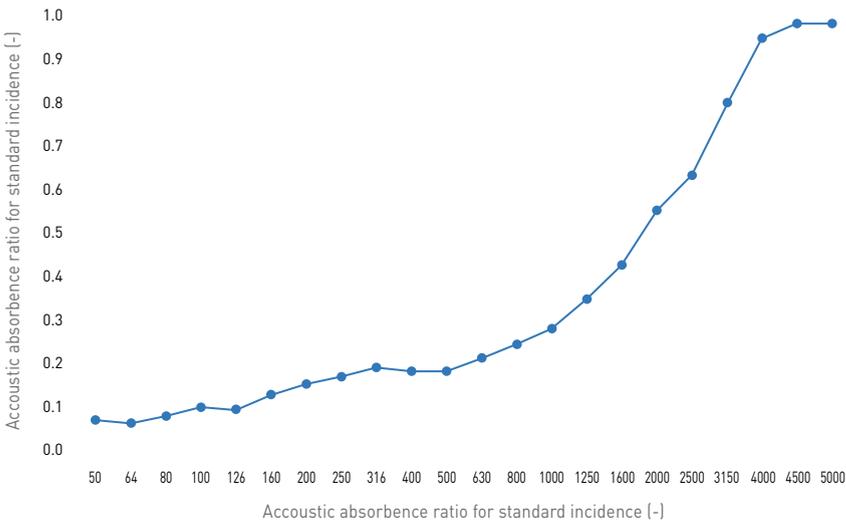
- ④ Low density Polyethylene (PE) bumper edge clipped using glue, available in white, black and silver.



Aluminium White Black

- ⑤ Solid Injected aluminium or steel plates fixing brackets

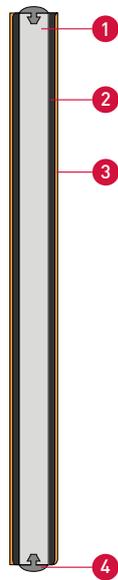
Acoustic absorbance ratio - UNE EN ISO 10534-2



Frequency (HZ)	Ratio
50	0,07
64	0,06
80	0,08
100	0,10
126	0,09
160	0,13
200	0,15
250	0,17
316	0,19
400	0,18
500	0,18

Frequency (HZ)	Ratio
630	0,21
800	0,24
1000	0,28
1250	0,34
1600	0,42
2000	0,54
2500	0,63
3150	0,79
4000	0,94
4500	0,98
5000	0,98

ACCOUSTIC SCREEN 20MM THICK



- ① 16 mm thick Chipboard
- ② Latex thickness e= 3 mm and 30 Kg/m3 density (etotal= 20 mm)
- ③ Different fabrics available glued using water glue.
- Optional acoustic or fire resistant fabrics for projects.

Actiu fabric range		
GROUP "M"	MELANGE	Medium acoustic properties. Fire resistant fabric.
GROUP "T"		Low acoustic properties
GROUP "F"	ATLANTIC	Good acoustic properties

- ④ Low density Polyethylene (PE) bumper edge clipped using glue, available in white, black and silver



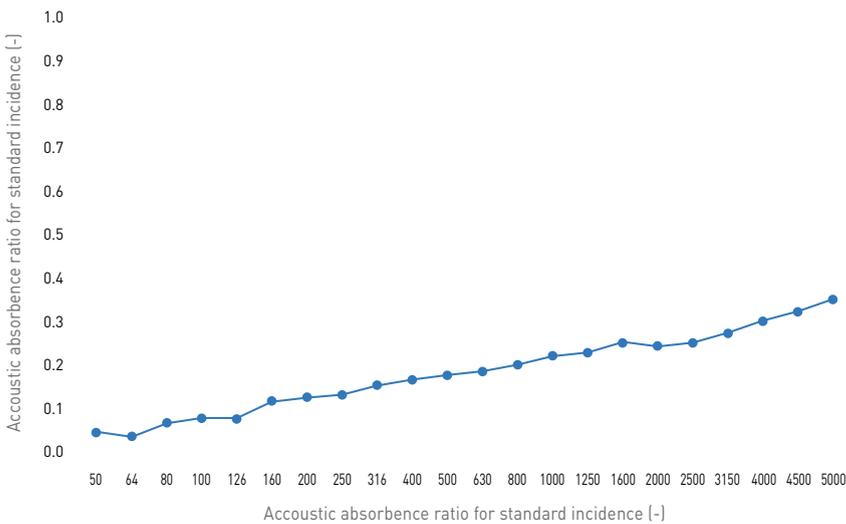
Aluminium

White

Black

- ⑤ Solid Injected aluminium or steel plates fixing brackets

Acoustic absorbance ratio - UNE EN ISO 10534-2



Frequency (HZ)	Ratio
50	0,05
64	0,04
80	0,07
100	0,08
126	0,08
160	0,11
200	0,12
250	0,13
316	0,15
400	0,16
500	0,17

Frequency (HZ)	Ratio
630	0,18
800	0,20
1000	0,22
1250	0,23
1600	0,25
2000	0,24
2500	0,25
3150	0,27
4000	0,30
4500	0,32
5000	0,35



MATERIALS

Maximum use of materials to eliminate and minimize scraps. Use of recyclable and recycled materials in those components that do not affect the functionality and durability.

56,17%
RECYCLED
MATERIALS



PRODUCTION

Maximum optimization of energy use. Minimal environmental impact. Last generation technological systems. Zero discharge of wastewater. No VOC coatings. Processes free of heavy metals, phosphates, OC and COD.

100 %
RECYCLABLE
ALUMINIUM, STEEL
& WOOD



TRANSPORT

Detachable systems. Volumes that facilitate the optimization of space. Maximum reduction of energy consumption by transport.

100 %
RECYCLABLE
PACKAGE AND THINNER
FREE



USE

Quality and warranty. Long lasting. Replacements available.

EASY
TO CLEAN
AND MAINTAIN



DISPOSAL

Waste reduction. Supplier-manufacturer packaging reuse system. Components are easy to be separated. Inks in packaging are water-based, without solvents.

97,41%
RECYCLABLE
MATERIALS

■ **CERTIFICATES AND REFERENCES**

The different programmes get points in different environmental categories to get the LEED certificate (sustainability, material and resources, water, energy and atmosphere, inner environment quality, innovation and design).



The mark of responsible forestry



PEFC Certificate



ECODESIGN Certificate



ISO 9001 Certificate



ISO 14001 Certificate



E1 Certificate by EN 13986



ACTIU TECHNOLOGY PARK LEED® PLATINUM certified by USGBC Leadership in Energy & Environmental Design LEED® Gold certified 2011 - LEED® Platinum certified 2017