

LINK

By ITEMDesign Works
Javier Cuñado





WHAT IS LINK?

The new trends in office design suggest combining privacy with open and collaborative offices, where creativity and communication flow in a natural way. This evolution in the way of understanding work environments lead us to the need to adapt the furniture so that it is flexible and versatile

With this aim, the studio ITEM designworks designed LINK, a modular system which creates and configures spaces of different heights that enables endless design possibilities to adapt work spaces to every need.

‘LINK enables you to create new spaces within offices and change them swiftly. It is a light, different program with personality. It works to complement and act as a transition between more individual areas of the office and other more open and collective places. To do this and by means of accessories that make it more operative and dynamic, LINK can combine modular sofas, operative desks and other accessories which expand the possibilities within the office, with the aim to stimulate efficiency of people through comfort and change.’ says Javier Cuñado, designer of ITEM designworks.



WHAT LINK IS COMPOSED OF?



PANELS

Link PANELS are a modular system for creating spaces from panels of 130 and 170 cm height, with widths of 69, 80 and 102cm. The panels are clad in upholstery in different finishes. The simultaneous composition of panels allows great configuration possibilities.



JOINTS

The joint system consists of two elements. A superior joint piece and a lower joint piece which also incorporates a leveler. The joints are made of cast aluminum with epoxy paint in black. The joint system is designed to high strength and durability.



TABLES

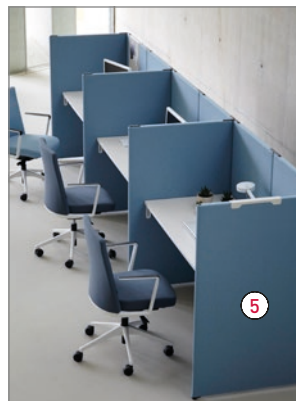
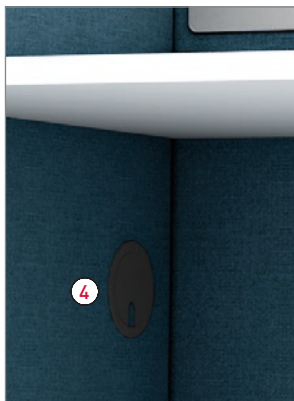
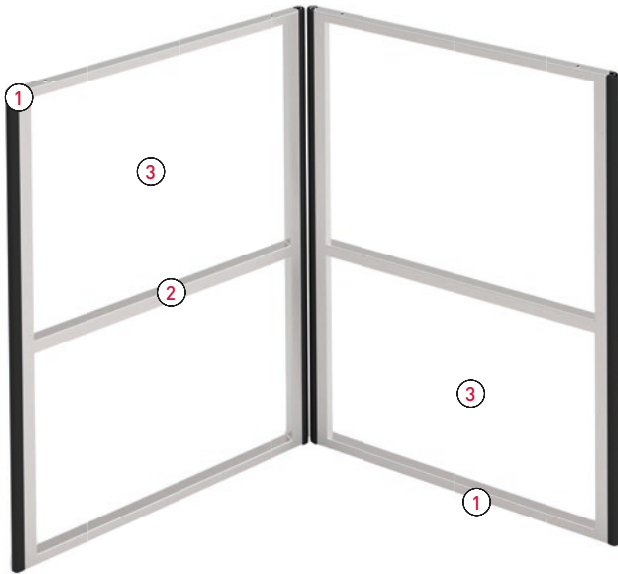
The tables, made of melamine board 25mm thickness to configure modulations jobs in both 90 and 120 °. The tables incorporate standard height adjustment system, with a minimum height of 74 cm and 82 cm, divided in 5 positions. In addition, all tables incorporate the new access to wiring “push latch” that allows access to more quickly and conveniently.



ACCESSORIES

These are made of folded 1.5 mm steel, finished in epoxy paint, textured white with a unique design, optional accessories, allowing higher performance and provides comfort in the workplace.

1. LINK PANELS



DESCRIPTION

Metal structure, on which are placed sound-absorbing panels

There are 4 types of panels:

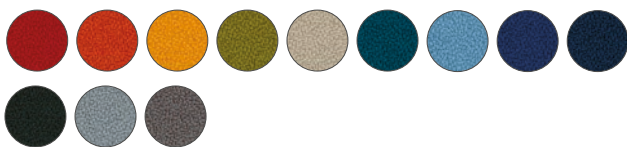
- Finished or extended panel without placement of the table.
- Panel for placement of 1-sided table.
- Panel for placement of 2-sided table with grommets.
- Panel with height change.

TECHNICAL CHARACTERISTICS

- ① Steel perimeter structure.
- ② Central structure made of steel for elements anchored to the height of the table
- ③ Placement area of absorbing panels 30 mm thick.
- ④ Circular grommets Ø80 mm with access on both sides of the panel.
- ⑤ Cover upholstered in different finishes (See finishes card).

FINISHES

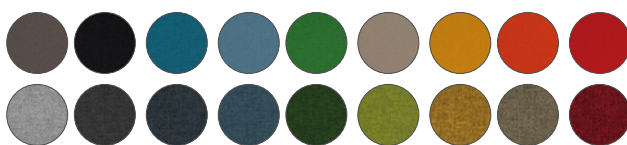
Fabric T - Newport



Fabric A - Synergy



Fabric M - Melang & Step



Fabric D - Felicity



DESK BOARDS



JOINTS

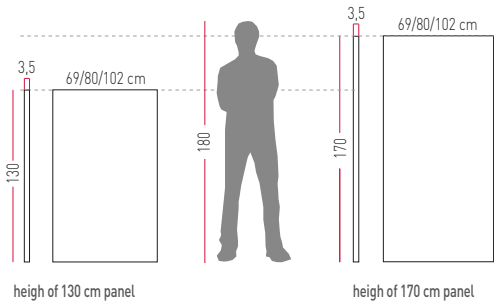


ACCESSORIES

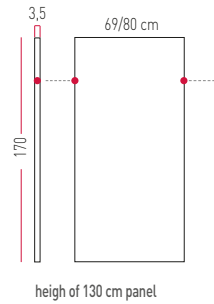


PANELS. TYPES AND DIMENSIONS

END AND GROWTH PANELS



PANELS FOR CHANGE OF HEIGHT



TYPES OF PANELS:

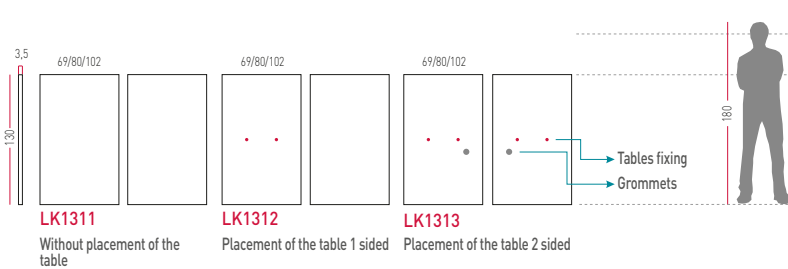
- Extendable panels in the same height, 2 heights available:
 - Height of 130 cm.
 - Height of 170 cm.
- Extendable panels with change of height, 1 height available:
 - Height of 170 cm (for changing height to 130 cm)

All Link panels are available in 3 widths:

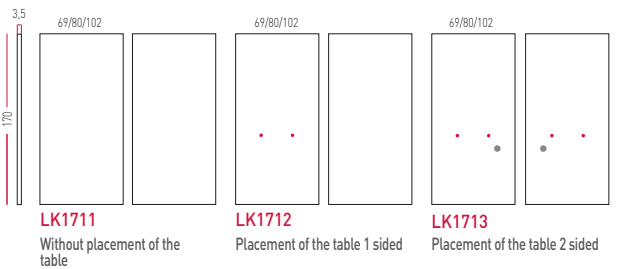
- Width of 69 cm. **(only for front panels)**
- Width of 80 cm.
- Width of 102 cm.

LINK PANELS - END AND GROWTH MODULES

End and growth modules 130 cm high

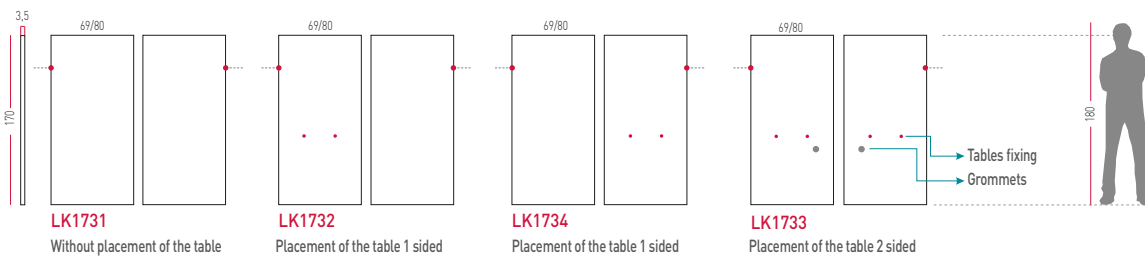


End and growth modules 170 cm high



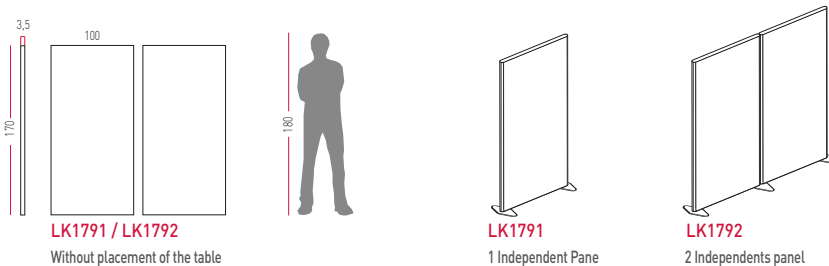
LINK PANELS - MODULES FOR HEIGHT CHANGE

Modules For Height Change - 170 cm high

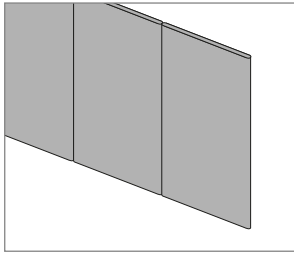


LINK PANELS - INDEPENDENT MODULES

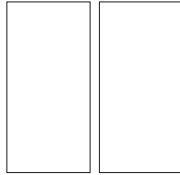
Independent Modules - 170 cm high



LINK TYPE PANELS



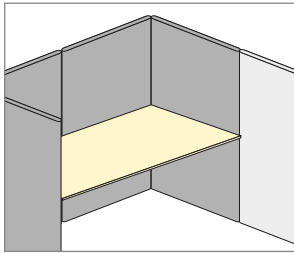
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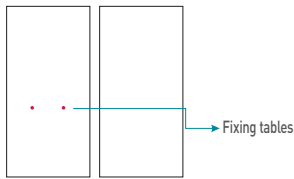
PANELS WITHOUT ANCHORAGE SYSTEM OF THE TABLE

Panels that enable the system of anchoring tables from none of its two sides. Available:

- Growth or end panels in 130 cm or 170 cm height.
- Panels to change from 170cm height.



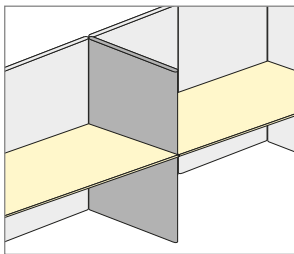
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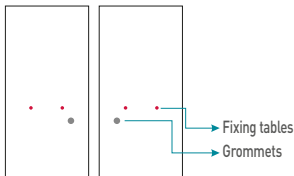
PANELS WITH THE PLACEMENT OF THE TABLE ON ONE SIDE

Panels that enable the system of anchoring tables on one side. The other side doesn't have the anchorage system.

- Growth or end panels in 130 cm or 170 cm height.
- Panels to change from 170 cm height.



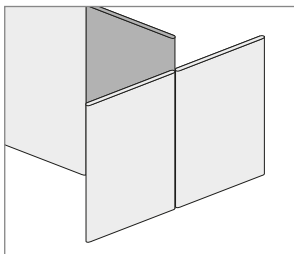
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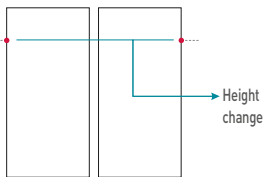
PANELS WITH THE PLACEMENT OF THE TABLE ON TWO SIDES

Panels that enable the system of anchoring tables on two sides

- Growth or end panels in 130 cm or 170 cm height.
- Panels to change from 170cm height.



Used icon:



PANELS WITH A HEIGHT CHANGE (Always at 90°)

Panels of 170 cm height, which enables height changes in combinations with panels of 130 cm height. Availability:

- Panels of 170 cm without an anchorage system of a table.
- Panels of 170 cm height with an anchorage system of a table on 1 side.
- Panels of 170 cm height with an anchorage system of a table on 2 sides.

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.

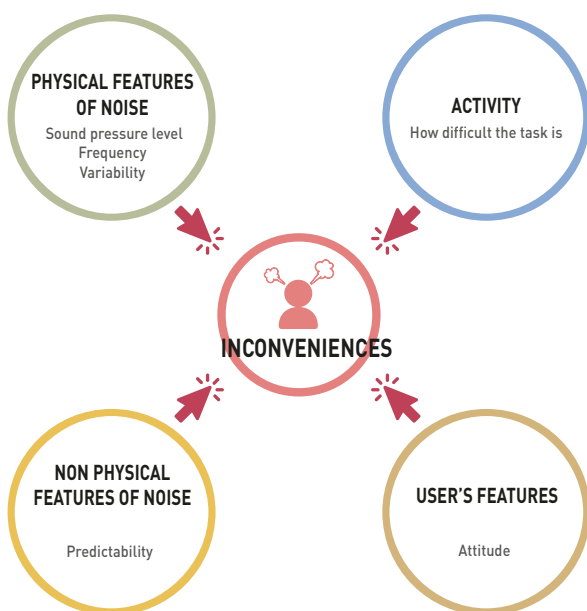
• Basic building legislation	88 dB(A)
• Professional office	40 dBA
• Offices	45 dBA

CAUSES OF ACOUSTIC POLLUTION

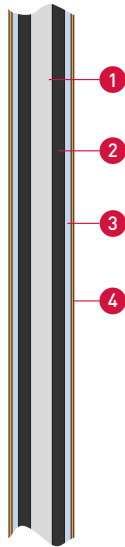
- Attitude of the user. Does he accept it or not.
- Physical features of noise
 - » Types of tones. Pure tones (those that do not vary in frequency) more annoying than the compounds. Even more when aired on audible frequencies (500 – 2000Hz)
 - » Frequency. More annoying high frequencies than low ones.
 - » 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



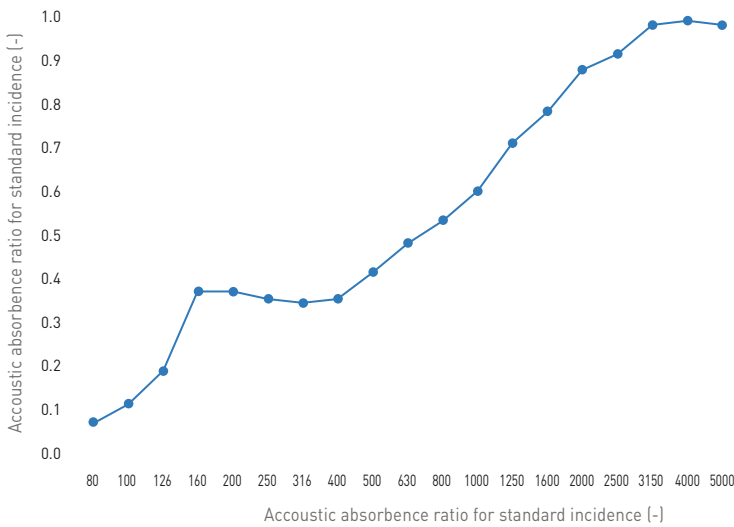
LONGO AND LINK ACCOUSTIC SCREENS



- ① 10 mm thick Chipboard
- ② Foam thickness $e= 10$ mm and 60 Kg/m³ density
- ③ Fabric foam 3mm thick and 20 kg/m³ density
- ④ 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 "B"	BLAZER	Good acoustic properties

Acoustic absorbance ratio - UNE EN ISO 354:2004



Frequence (HZ)	Ratio
80	0,07
100	0,11
125	0,19
160	0,37
200	0,37
250	0,35
315	0,34
400	0,35
500	0,41
630	0,47

Frequence (HZ)	Ratio
800	0,53
1000	0,60
1250	0,71
1600	0,78
2000	0,87
2500	0,91
3150	0,98
4000	0,99
5000	0,98

2. SYSTEMS OF LINK JOINTS

The joint system consists of two elements. A superior joint piece and a bottom piece which also incorporates an leveler. The joints are made of cast aluminum painted with black epoxy. The joint system is designed to obtain high strength, durability and structural fixation



Superior joining piece



Lower joining piece

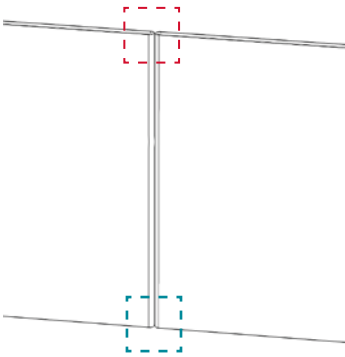
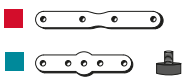
TWO TYPES OF JOINTS

Pieces for joining panels of the **same height**.

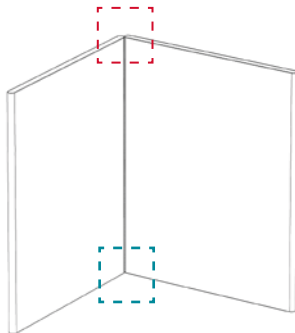
Pieces for joining panels of **different heights**.

ANCHORAGE SYSTEMS FOR CONFIGURATIONS OF THE SAME HEIGHT

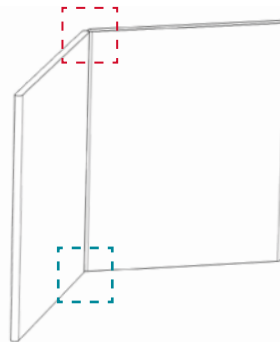
LK61
Progressive straight line pack - 2 modules



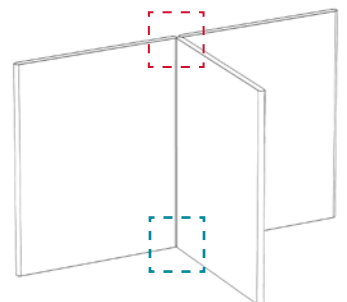
LK41
Progressive angle of 90° pack - 2 modules



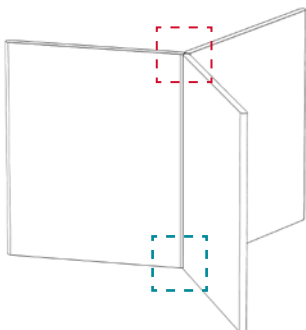
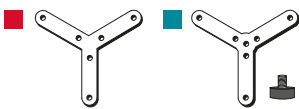
LK51
Progressive angle of 120° pack - 2 modules



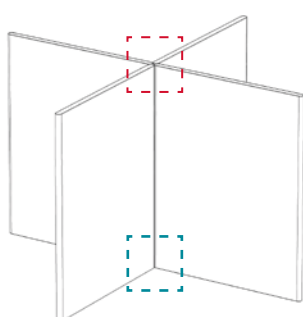
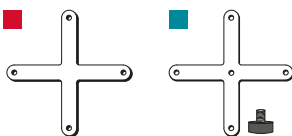
LK31
Progressive pack for "T" joint - 3 Modules



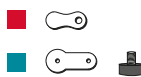
LK11
Progressive pack for "Y" joint - 3 Modules



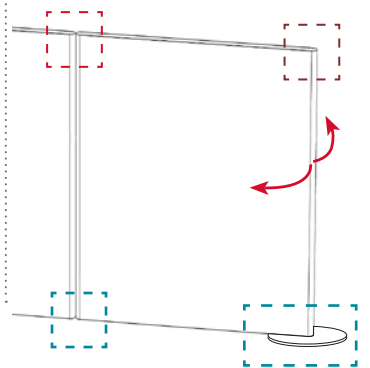
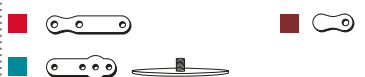
LK21
Progressive pack for 4 panels of 90° - 4 modules



LK81
Extreme end Pack - 1 module
End trim for workstations layouts (hexagonal or straight workstations)



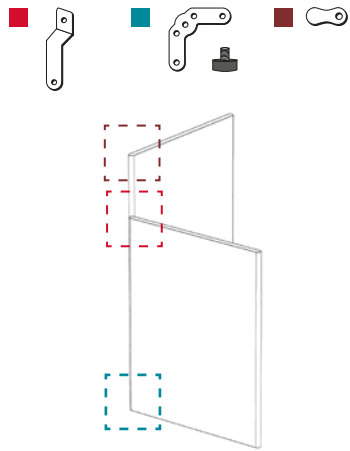
LK71
End pack with 180° rotation - 2 modules



ANCHORAGE SYSTEMS FOR CONFIGURATIONS OF HEIGHT CHANGE

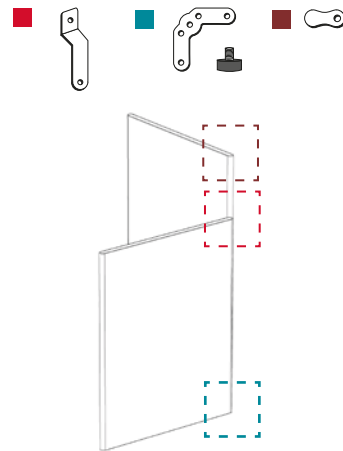
LK101

Progressive pack with a height change with a rotation of 90° - 2 modules. Change of height to the right



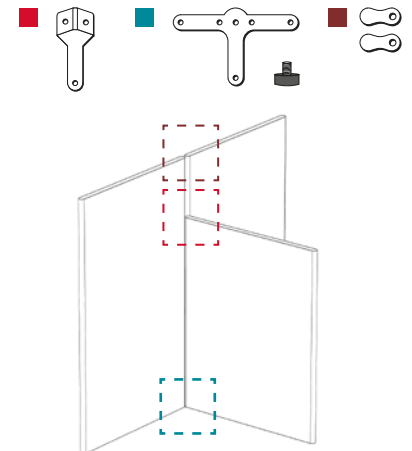
LK201

Progressive pack with a height change with a rotation of 90° - 2 modules. Change of height to the left.



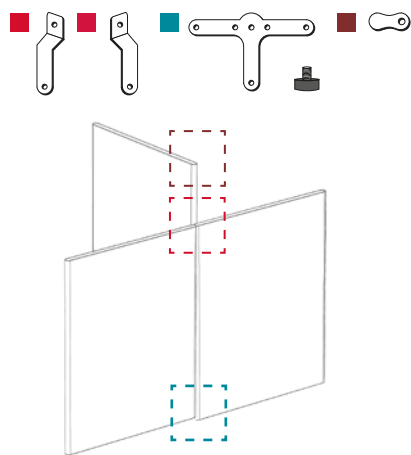
LK91

Progressive pack with a height change with a rotation in "T" - 3 modules.



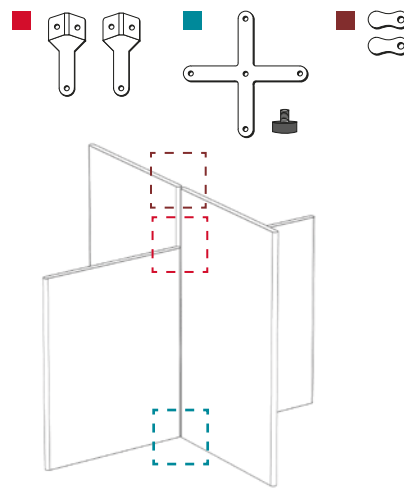
LK92

Progressive pack with a height change with a rotation in "T" - 3 modules



LK202

4 panels with a 90° rotation - 4 modules



3. WORK DESKS FOR LINK



TABLES

Melamine of 90 and 120 gr. / M2, on chipboard made from certified PEFC 25 mm thickness. PVC edges 2mm thickness, applied with a hot melt glue and rounded R = 2 mm. With high durability and 100% recyclable.



HEIGHT REGULATION

The LINK tables incorporates as standard a system which adjusts mechanical height. It allows the modification of the height of a table from 74 cm to 82 cm in 5 intervals. The system is anchored at 4 points which ensures maximum stability and resistance. The possibility of carrying out a fixed anchorage system for projects exists, please consult with the Commercial Department.



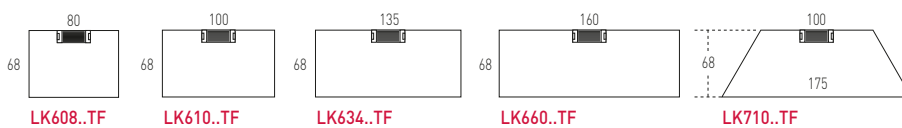
CABLING ACCESS "T"

Access system of cabling with an opening system. "Push-Latch" incorporated as standard on all surfaces. Made from White or Black ABS, it facilitates cable management channels using electrification. It also incorporates an "Anti Dust" system that prevents the accumulation of dust in the wiring. There is the possibility of using other cabling access systems for projects, please consult with the Commercial Department.

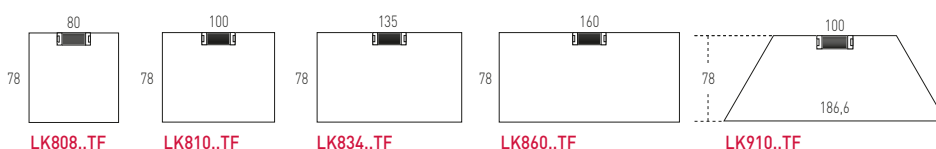
TABLES FOR LINK CONFIGURATIONS

The work surfaces are used with **front panels** of 69, 80 and 102 cm. long and with **side panels** of 80 and 102 cm. long.

Work surfaces for the use of Link with a height adjustment system - Width 68 cm

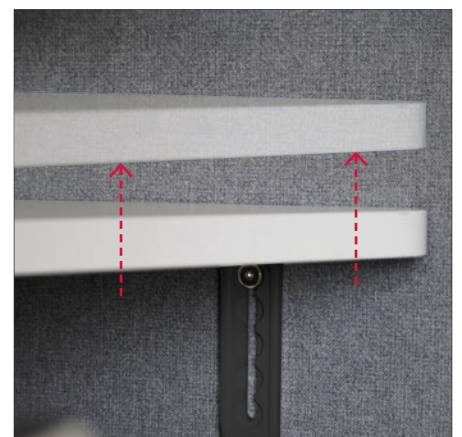


Work surfaces for the use of Link with a height adjustment system - Width 78 cm



HEIGHT ADJUSTMENT

Min height. 74 cm and max 82 cm - 5 intervals



4. OPTIONAL ACCESSORIES FOR LINK

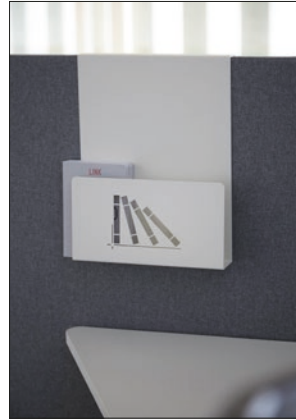
Made from 2 mm folded steel, finished in white epoxy paint, textured and with a unique design, optional accessories, which provide greater benefits to the workplace.



Double coat rack



Shelf



Magazine rack



Magnetic board



Support monitor



Cable tray



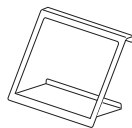
Cable riser

COMPLEMENTOS OPCIONALES PARA PANELES LINK

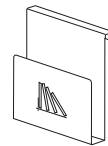
LKC10 Double coat rack



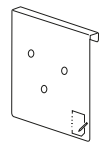
LKC20 Shelf - bottom 22cm



LKC30 Magazine rack - 32x42 cm

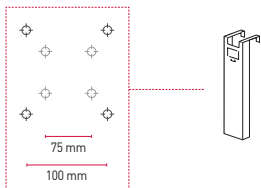


LKC40 Magnetic board - 40x42 cm
(magnets not included)



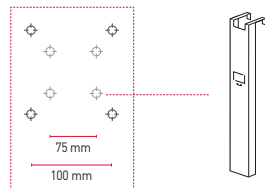
LKC52 Support monitor - 48,9 cm
(For panels of 130 cm height)

Standard fixing system

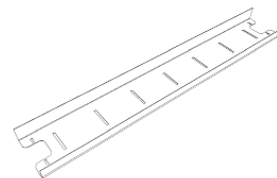


LKC53 Support monitor - 75 cm
(For panels of 170 cm height)

Standard fixing system



Cable tray



Polystyrene cable rise - Maximum length 132 cm



i Maximum weight and sizes

TV 27-32"

10 KG maximum



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.

72,22%
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.

95,71%
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).



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

STANDARDS

LINK has passed tests done in our technical department as well as the tests done in **AIDIMA** the Technological Institute for furniture. The tests correspond to **UNE** standards and office desks:

- **UNE EN ISO 354:04**. Acoustics.