Forma 5

PANEL SYSTEM

TECHNICAL FEATURES

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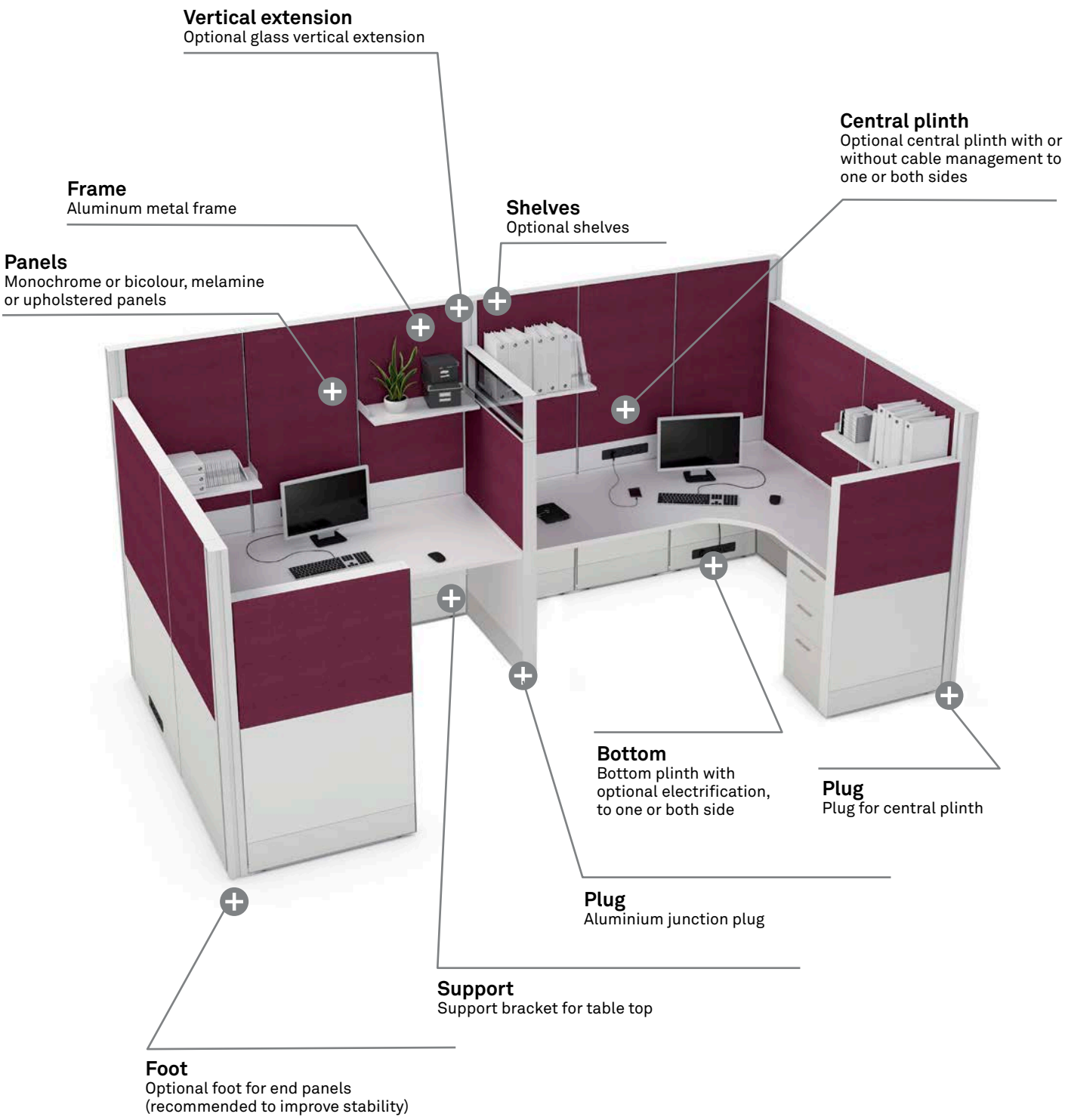
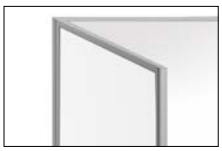


STRUCTURE

Aluminum extrusion profiles (80 x 25 mm), 100 microns layer epoxy paint. Mechanized sections for easy assembly and disassembly of the panels. Inside the structure there are folded laminated steel sheets (1,5 mm) to fixing the support of table, shelves, hanging cabinets and accessories. Polypropylene caps on the upper finish.



PANELS

Removable panels for compositions with 56, 60, 67, 80, 100, 120 wide and 110, 135, 160, 185 high. Types of panels:

A.- **Melamine panels:** 10 mm thick melamine particules. 1,2 mm thermofused edge. Drilled underneath to allow a correct assembly by polyamide and polypropylene attaching fittings.

B.- **Upholstered panels**: 10 mm thick melamine particules wide and uphostered with different finishes of fabric. Machined on the inside for correct assembly by polyamide and polypropylene attaching fittings.

C.- **Glass panels**: aluminum frame with 4mm tempered glass with clear finish and 25 mm black bezel along their perimeter.

TOP ACCESS

0,8 mm laminated sheet, 100 microns layer epoxy paint and schuko cable management in option.

DESK TOPS

Melamine: 30 mm thick melamine particle board. 2 mm thick thermofused edges around the perimeter. Drilled underneath to allow a correct assembly. The quality requirements for the board are made according to the UNE-EN 312 legal terms, corresponding to P2 board. The average 30 mm thick board density is 610 kg/m3.

⚠ Depending on the configuration presented, the desk top may be anchored directly to the panel or it will need a structure with beams and leg frames. Contact our Project Department

FOOT

- The structural foot made of metallic injection of aluminium with integrated grader and external adjustment.
- Flatfoot of 5 mm laminated sheet, 100 microns layer epoxy paint . Foot for end panels without support table.

MELAMINE SHELVES

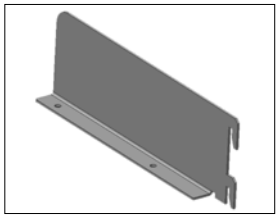
19 mm thick melamine particle board. 1,2 mm thick thermofused edges around the perimeter. 25 cm useful wide. Not exceed recommended loads greater than 50 kg.

DETAILS

Todos los paneles incorporan niveladores que hacen crecer la altura del panel en +17 mm, pudiéndose regular en 15 mm.

Cover cap for desk grommets

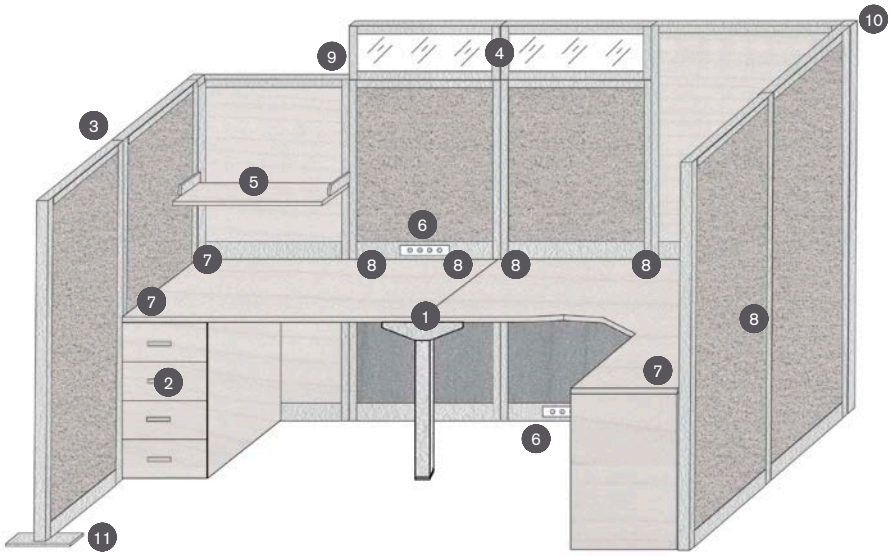
Join column



Support for tops and shelves

Cable management

EXAMPLE CONFIGURATIONS



⚠ For other combinations as tops supported in panels without requiring of leg frame, you can consult our Projects Department.

The panels of the program Panel System never can be installed individually without binding to a table.

1 DESK

References example:

The top desk requested according to the configuration. Contact our Project Department

Depending on the configuration, some points require desk with beams and leg frames. Contact our Project Department

2 SUPPORT PEDESTAL

References example:

FBP04 Melamine support pedestal, 4 drawers, 80 depth, drawer PVC.
FBP34 Melamine support pedestal, 2 drawers + filing drawer, 56 depth, metal drawer.

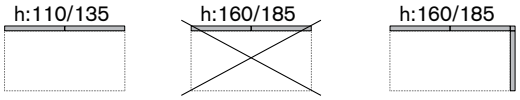
Panel System is compatible with all melamine support pedestal of F25 program with top 30 mm.

3 PANELS

References example (from left to right):

FP034 Bottom monochrome upholstered plinth panel, 160 height, 80 width (2 units).
FP152 Central and bottom melamine plinth, 160 height, 80 width.
FP223 Central and bottom plinth, upholstered upper and melamine lower, 160 height, 80 width (2 units).
The first panel can a schuko in the central plinth. The second panel can have the schuko in the bottom plinth.
FP159 Central and bottom plinth melamine panel,185 height,100 width.
FP034 Bottom monochrome upholstered plinthpanel,160 height, 80 width (2 units).

For single desk, 160 or 185 cm high panels cannot be fitted on one side of the table.



Desk supported in panels, panel width have to be the same as deph top desk.

4 GLASS PANEL EXTENSION

References example:

FP253 Glass panel extension, 80 cm width and 25 cm height (2 units).

5 SHELVES

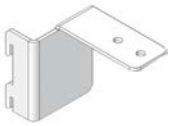
References example:

FP265 Melamine shelf, 80 x 25 x 1,9 cm.

6 SCHUKOS

References example:

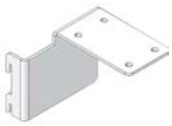
FVA19 Schuko with 3 power sockets and 2 data ports (watch the **cable management** section).
FVA09 Schuko with 4 power sockets (watch the **cable management** section).
FVA11 Power cord (watch the **cable management** section).
FVA10/FV07 Extension cord (watch the **cable management** section).



7 CONNECTING BRACKETS TO A SUPPORT PEDESTAL

References example:
FP261 Set of connecting brackets to a support pedestal (2 units).

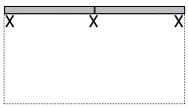
The brackets are different depending on the installation side. The set incorporates a left and another right bracket. Order a set of brackets for each support pedestal installed in the whole.



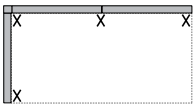
8 CONNECTING BRACKETS TO A DESK

References example:
FP260 Set of connecting brackets to desk (5 brakets, 3 sets).

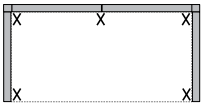
The brackets are different depending on the installation side. The set incorporates a left and another right bracket. Placement guide brackets:



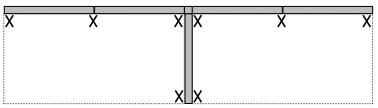
3 brackets, order
2 sets for desk



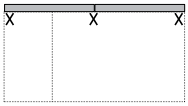
4 brackets, order
2 sets for desk



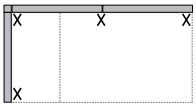
5 brackets, order
3 sets for desk



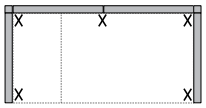
8 brackets, order 4 sets for desk



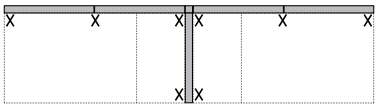
1 bracket for support pedestal, order 1 set.
2 brackets for desk, order 1 set.



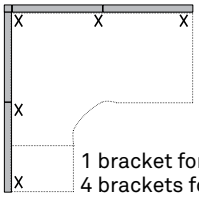
2 brackets for support pedestal, order 1 set.
2 brackets for desk, order 1 set.



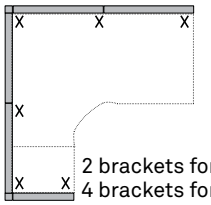
2 brackets for support pedestal, order 1 set.
3 brackets for desk, order 5 sets.



4 brackets for support pedestal, order 5 sets.
4 brackets for desk, order 5 sets.



1 bracket for support pedestal, order 1 set.
4 brackets for desk, order 5 sets.



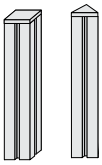
2 brackets for support pedestal, order 1 set.
4 brackets for desk, order 5 sets.

9 JOIN KIT FOR UNEVEN LINKED PANELS

References example:

FP331 Dimensions 6,4 x 4,8 x 3 cm

This reference is necessary for the stability of the whole, when the total height of the wall (including glass extension) is different from the panel that is concatenated next.

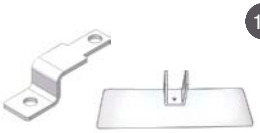


10 JOIN COLUMN BETWEEN PANELS

References example:

FP296 Join column between panels for joining two panels at 90º. 160 height.

FP297 Join column between panels for joining two panels at 90º. 180 height.

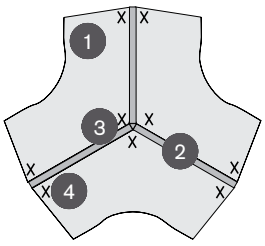


11 SUPPORTING FOOT

References example:

FP330 Supporting foot for end panels without support desk which give stability to the assembly.

120º CONFIGURATION



1 DESKS

References example:
FP206 Request as a special 120º desk, 100 x 67 cm (3 units)

2 PANELS

References example:
FP230 100 wide panels, 185 cm height (other heights available).

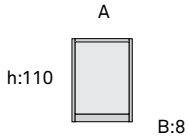
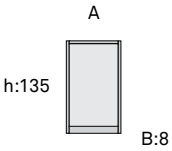
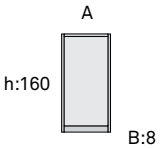
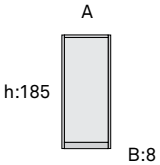
3 JOIN COLUMN BETWEEN PANELS

References example:
FP339 100 wide panels, 185 cm height (other heights available).

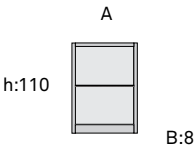
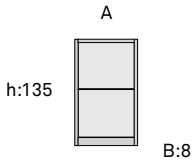
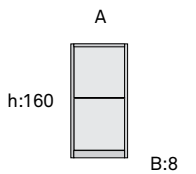
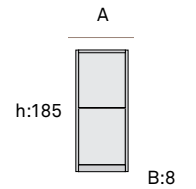
4 CONNECTING BRACKETS TO A DESK

References example:
FP260 Set of connecting brackets to desk (5 units).

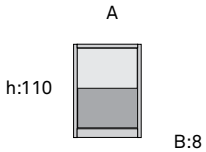
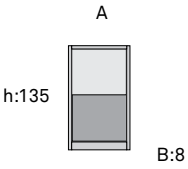
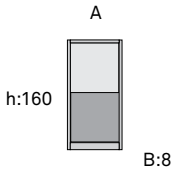
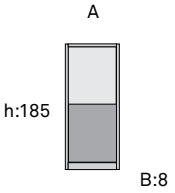
BOTTOM PLINTH, MONOCHROME MELAMINE OR UPHOLSTERED PANEL

	LOW PANEL, h: 110	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8
	INTERMEDIATE PANEL, h: 135	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8
	MEDIUM PANEL, h: 160	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8
	HIGH PANEL, h: 185	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8

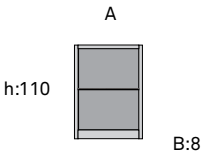
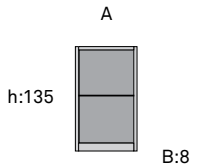
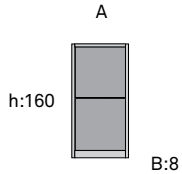
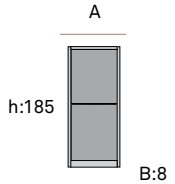
BOTTOM PLINTH, TOP AND BOTTOM BICOLOUR MELAMINE PANEL

	LOW PANEL, h: 110	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	INTERMEDIATE PANEL, h: 135	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	MEDIUM PANEL, h: 160	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	HIGH PANEL, h: 185	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8

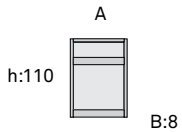
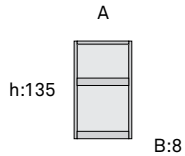
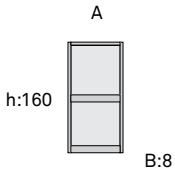
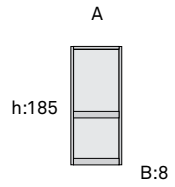
BOTTOM PLINTH, MELAMINE AND UPHOLSTERED BICOLOUR PANEL

	LOW PANEL, h: 110	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	INTERMEDIATE PANEL, h: 135	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	MEDIUM PANEL, h: 160	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	HIGH PANEL, h: 185	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8

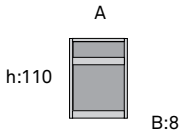
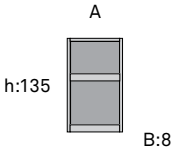
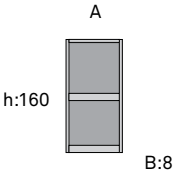
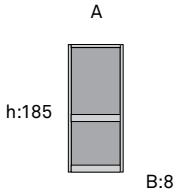
BOTTOM PLINTH, TOP AND BOTTOM BICOLOUR UPHOLSTERED PANEL

	LOW PANEL, h: 110	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	INTERMEDIATE PANEL, h: 135	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	MEDIUM PANEL, h: 160	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	HIGH PANEL, h: 185	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8

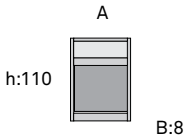
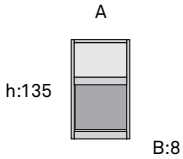
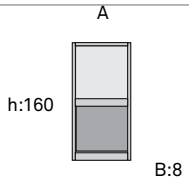
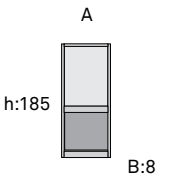
CENTRAL AND BOTTOM PLINTH, MELAMINE PANEL

	LOW PANEL, h: 110	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	INTERMEDIATE PANEL, h: 135	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	MEDIUM PANEL, h: 160	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	HIGH PANEL, h: 185	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8

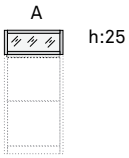
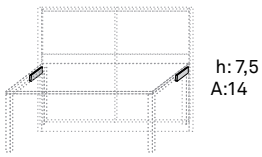
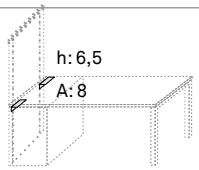
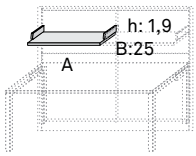
CENTRAL AND BOTTOM PLINTH, UPHOLSTERED PANEL

	LOW PANEL, h: 110	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	INTERMEDIATE PANEL, h: 135	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	MEDIUM PANEL, h: 160	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	HIGH PANEL, h: 185	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8

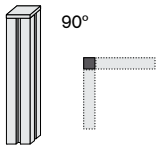
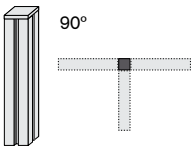
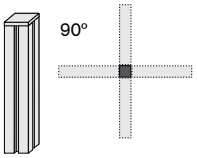
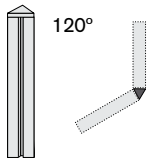
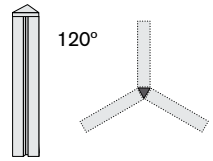
CENTRAL AND BOTTOM PLINTH, MELAMINE AND UPHOLSTERED PANEL

	LOW PANEL, h: 110	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	INTERMEDIATE PANEL, h: 135	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	MEDIUM PANEL, h: 160	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8
	HIGH PANEL, h: 185	A x B	56 x 8 60 x 8 67 x 8 80 x 8 100 x 8 120 x 8

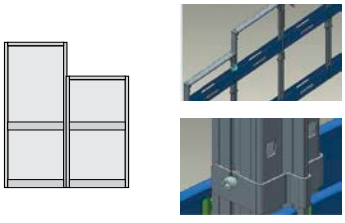
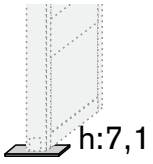
ACCESSORIES

	GLASS PANEL EXTENSION	A x B	56 x 25 60 x 25 67 x 25 80 x 25 100 x 25 120 x 25
	SET OF CONNECTING BRACKETS TO DESK	A x B	14 x 7,5
	SET OF CONNECTING BRACKETS TO SUPPORT PEDESTAL	A x B	8 x 6,5
	SHELVES FOR PANELS	A x B x h	56 x 25 x 1,9 60 x 25x 1,9 67 x 25 x 1,9 80 x 25 x 1,9

JOIN COLUMN BETWEEN PANELS

	JOIN COLUMN BETWEEN 90º PANELS (JOINING 2 PANELS AT 90º)	h	110 135 160 185
	JOIN COLUMN BETWEEN 90º PANELS (JOINING 3 PANELS AT 90º)	h	110 135 160 185
	JOIN COLUMN BETWEEN 90º PANELS (JOINING 4 PANELS AT 90º)	h	110 135 160 185
	JOIN COLUMN BETWEEN 120º PANELS (JOINING 2 PANELS AT 120º)	h	110 135 160 185
	JOIN COLUMN BETWEEN 120º PANELS (JOINING 3 PANELS AT 120º)	h	110 135 160 185

ACCESSORIES

	JOIN KIT FOR UNEVEN LINKED PANELS	A x B x h	6,4 x 4,8 x 3
	SUPPORTING FOOT	A x B x h	28 x 8 x 7,1

Life Cycle Analysis
PANEL SYSTEM Program

RAW MATERIALS		
Raw Material	Kg	%
Steel	4,25 Kg	15,9%
Aluminium	5,62 Kg	21%
Wood	16,23 Kg	60,7%
Upholstery / Fill material	0,43 Kg	1,6%
Polypropylene	0,16 Kg	0,6%
Polyamide	0,06 Kg	0,2%

% Recycled material= 68%
% Recyclable materials= 76,8%

Ecodesign

Results reached during the life cycle stages

MATERIALS

Wood
70% of the wood material is recycled, has PEFC/FSC and complies within the E1 standard.

Steel
15%-99% recycled material.

Upholstered / Filling material
Filling without HCFC and upholsteries without COVs emisions. Accredited by Okotext.

Plastic
30%-40% recycled material.

Paintings
Podwer painting without COV emissions

Packings
100% recyclable with inks with no solvents.

PRODUCTION

Raw materials use optimization
Board, upholstery and steel tubes cut.

Renewable energies use
reducing the CO2 emissions. (Photovoltaic pannels)

Energy saving measures
in all production process

COV global emission reduction
of the production processes by 70%.

Podwer painting
ecovery of 93% of the non deposited painting

Glue removal from the upholstery

The facilities
have an internal sewage for liquid waste.

Green points
at the factory

100% waste recycling
at production process ans dangerous waste special treatment.

TRANSPORT

Cardboard use opmitization
of the packings

Cardboard and packing materials use reduction

Flat packings and small bulks
to optimize the space.

Solid waste compacter
which reduces transport and emissions.

Light volumes and weights

Transport fleet renewal
reducing by 28% the fuel consumption.

Suppliers area reduction
Local market power and less pollution at transport.

USE

Easy maintenance and cleaning
without solvents.

Forma 5 guarantee

The highest quality
for materials to provide a 10 year average life of the product.

Useful life optimization
of the product due to a standarized and modular design.

The boards
with no E1 particle emission.

END LIFE

Easy unpacking
for the recyclability or compound reuse.

Piece standarization
for the use.

Recycled materials used for products (% recyclability):
Wood is 100% recyclable.
Steel is 100% recyclable.

With no air or water pollution
while removing waste.

Returnable, recyclable and reusable packing

Product recyclability 76,8%

MAINTENANCE AND CLEANING GUIDE

MELAMINE PIECES

Rub the dirty spots with a wet cloth with PH neutral soap.

PLASTIC PIECES

Rub the dirty spots with a wet cloth with PH neutral soap.

METAL PIECES

1. Rub the dirty spots with a wet cloth with PH neutral soap.

2. Polished aluminium pieces can have their polish bak by covering and rubbing them with a dry cottom cloth.

GLASS PIECES

Rub the dirty spots with a wet cloth with PH neutral soap.

Do not use abrasive products in any case.

Developed by TANDEM