PAL 82

Modular dividing panel

FREZZA

TECHNICAL DATA

Design: S.I. Design

|	
structure	<u>structural frame</u>: composed of uprights and beams in 15/10 metal sheet, painted with black epoxy powders. The bottom beam is equipped with Ø 34 mm feet that allow +10 mm adjustment for floor levelling.
	In the case of Pal 82 with glass extension, the upper beam of the internal frame is equipped with a <u>groove</u> for inserting the glass.
	<u>finishing profiles</u>: in extruded aluminium, 3 mm thick, painted with epoxy powders with an embossed finish.
finishing panels	<u>melamine</u>: 18 mm th. (density 720 kg/m3, formaldehyde emission class E1, meets CARB requirements) coated with anti-reflective melamine resins and edged with ABS (0,45 mm thick with rounded edges).
	<u>fabric</u>: 18 mm thick melamine (density 720 kg/m³, formaldehyde emission class E1, meets CARB requirements), faced with anti-reflex melamine resins and edged with ABS (0.45 mm thick with rounded edges). The panel is then covered in fabric, total thickness 20 mm. An optional pinnable version is available, to which a 6 mm thick polyethylene foam adhesive mat is glued, for a total thickness of 26 mm.
	<u>writable blackboard</u>: consisting of an MDF panel, 19 mm thick, finished in glossy white laminate for the whiteboard or matt black laminate for the blackboard.
	Each panel is equipped with expanding nuts for fixing to the structural frame.
upper glass element	consisting of:
	<u>frame</u>: extruded aluminium, 33.5x45 mm section, epoxy powder coated with embossed finish.
	<u>glass</u>: clear, 4 mm thick, tempered in accordance with EN 12150 with ground edges.
frameless glass	<u>glass</u>: clear, 6 mm thick, tempered in accordance with EN 12150 with flat polished edges.
connections	The Pal 82 modules can be connected together by means of 2-way 90°, 120° and 180°, 3-way 90° and 120° and 4-way 90° connections.
	The <u>2/3/4-way 90° connection</u> consists of a vertical metal sheet upright, with a square section of 60x60 mm, fitted with 2/3/4 expanding plugs for fastening several Pal 82 modules.
	The <u>180° connection</u> is used to connect Pal 82 modules in-line and is made of expanding plugs that attach to the structural frames of the various modules.
	The <u>2/3-way 120° connection</u> consists of a shaped vertical aluminium upright with 2 or 3 expanding plugs for fastening the different Pal 82 modules.

90° connection Pal 82-Pal 38: consisting of a vertical upright made of aluminium, with a rectangular cross-section of 82x37mm, grooved on the sides so that the ABS junction profile can be inserted to connect the different modules together.
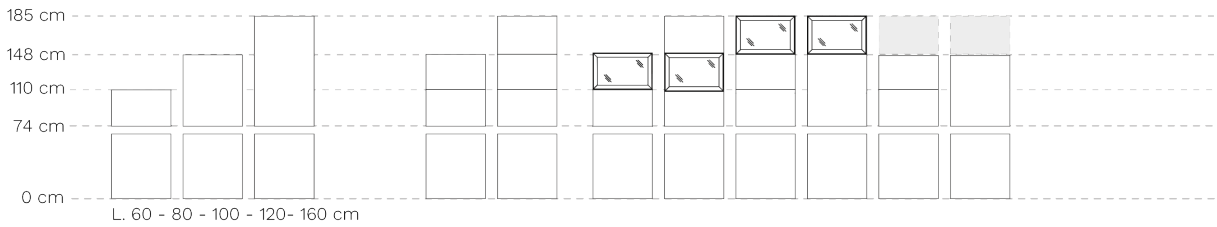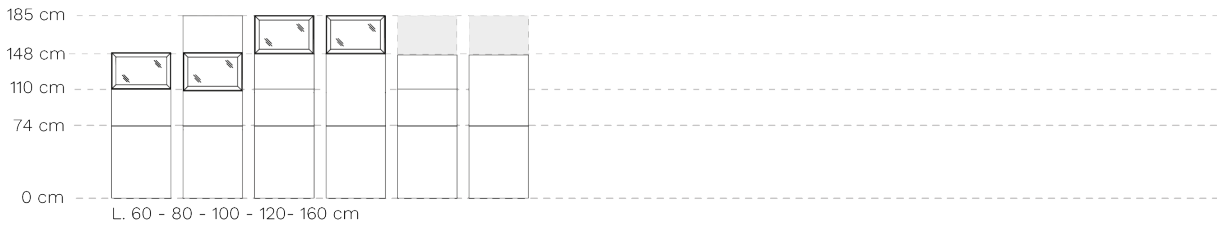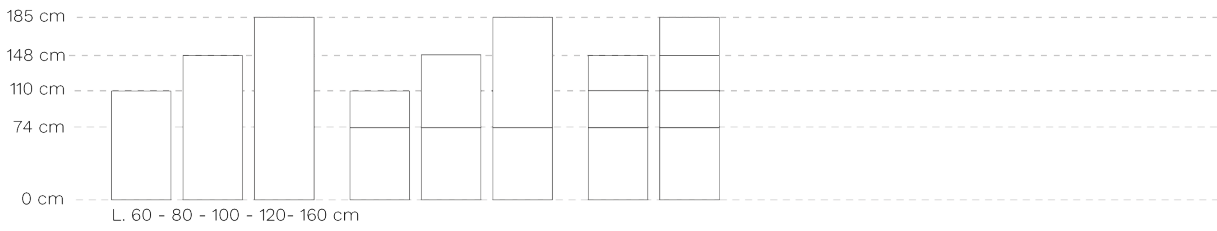
metal frame finishes	**Metal**		
	⬤ ZGNE - Black		

melamine panel finishes	**Melamine**		
	⬤ MBI White	⬤ MTR Dove grey	⬤ MCE Concrete
	⬤ MOB Light elm	⬤ MRO Oak	⬤ MNT American walnut
	⬤ MNC Walnut	⬤ MNE Black	

writable MDF blackboard panel finishes	**LV – Writable MDF**	
	⬤ LVBI White	⬤ LVNE Black

fabric covered melamine panel finishes	**Fabric**	
	🎨 Cat. D King Flex Cat. F Step - Chili	

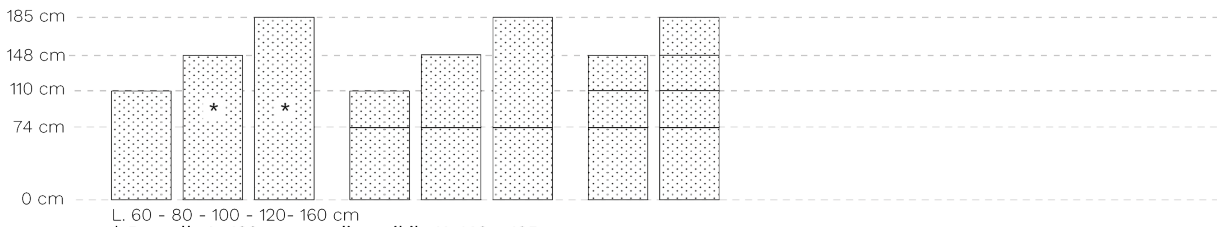| upper glass element frame and frameless glass finishes	**Metal - Frame**	
	⬤ ZGBI - White	⬤ ZGNE - Black
	Glass - Panel	
	⬤ VØØ – Clear glass	

OPTIONALS

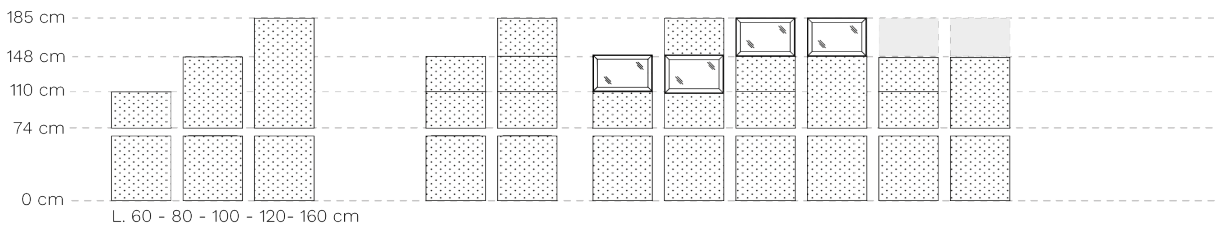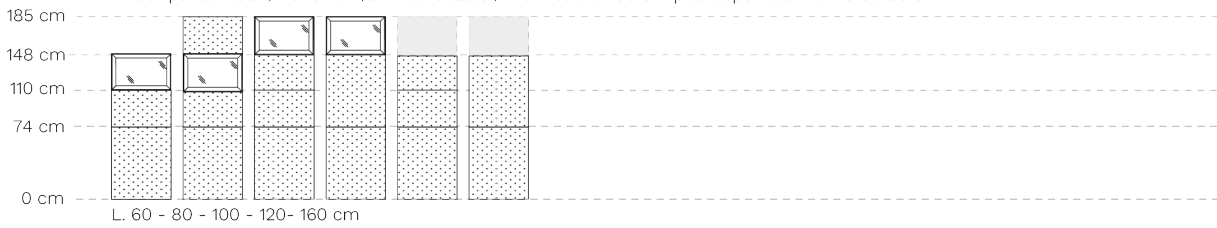| 1. accessory bar	composed by an extruded aluminium bar, fitted with 3 ABS plugs (2 end and 1 intermediate). W. 100/120/125/140/160/165/180/200 cm D. 1,9 cm H. 0,8 cm.
2. dox unit	1 mm thick steel sheet, folded and epoxy powder-coated and open at the front. It doesn't require fastening as it is shaped to hook onto the accessory bar. W. 33 cm D. 23 cm H. 20 cm. The dox holder element can be supplemented with an additional accessory in 1 mm thick folded and epoxy powder-coated steel sheet, dimensions W. 33 cm D. 23 cm H. 20 cm, which divides the dox holder horizontally into two compartments, thus creating two separate shelves.
3. stationary tray	in steel sheet thickness 1 mm, bent and epoxy painted. It doesn't require fastening as it is shaped to hook onto the accessory bar. W. 30 cm D. 10 cm H. 2,5 cm.
4. object holder	in steel sheet thickness 1 mm, bent and epoxy painted. It doesn't require fastening as it is shaped to hook onto the accessory bar. W. 13 cm D. 10 cm H. 10 cm.
5. A4 paper tray	in steel sheet thickness 1 mm, bent and epoxy painted. It doesn't require fastening as it is shaped to hook onto the accessory bar. W. 33 cm D. 23 cm H. 5 cm.
6. shelves	made from a chipboard panel (density 720 kg/m³, formaldehyde emissions class E1, meets CARB requirements), 18 mm thick, faced with anti-reflex melamine resins and edged with ABS. The shelves are fixed by screws to a beam inside the structure of the Pal 82 panel.
7. open hanging units / melamine hanging units	made of a chipboard top, sides, bottom and back panel (density 720 kg/m³, formaldehyde emissions class E1, meets CARB requirements), faced with anti-reflex melamine resins and edged in ABS. The wall units are attached to the upper profile of Pal 38 by means of brackets fixed to the back panel.

ABACUS – Pal 82

MELAMINE PANEL COMBINATIONS

185 cm
148 cm
110 cm
74 cm
0 cm

L. 60 - 80 - 100 - 120- 160 cm

185 cm
148 cm
110 cm
74 cm
0 cm

L. 60 - 80 - 100 - 120- 160 cm

185 cm
148 cm
110 cm
74 cm
0 cm

L. 60 - 80 - 100 - 120- 160 cm

FABRIC PANEL COMBINATIONS

185 cm
148 cm
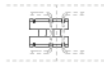110 cm
74 cm
0 cm

L. 60 - 80 - 100 - 120- 160 cm

* Pannello L. 160 cm non disponibile H. 148 e 185 cm
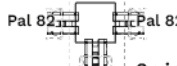W. 63" panel H.58"1/4 and 72"7/8 not available / Panneau L. 160 cm pas disponible Ht. 148 et 185 cm

185 cm
148 cm
110 cm
74 cm
0 cm

L. 60 - 80 - 100 - 120- 160 cm

185 cm
148 cm
110 cm
74 cm
0 cm

L. 60 - 80 - 100 - 120- 160 cm

CONNECTIONS

2 ways 180° connection

2 vie
2 ways

2/3/4 ways 90° connection - Closing cap (included)

Pal 82

Pal 82 **2 vie**
2 ways

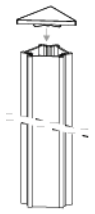Pal 82 Pal 82

Pal 82 **3 vie**
3 ways

Pal 82
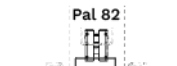
Pal 82 Pal 82

Pal 82 **4 vie**
4 ways

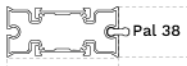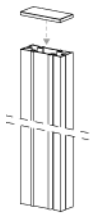2/3 ways 120° connection - 2 ways connection: must be completed with 1 side finishing profile - Closing cap (included)
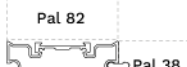

Pal 82

Pal 82 **2 vie**
2 ways

Pal 82 Pal 82

Pal 82 **3 vie**
3 ways

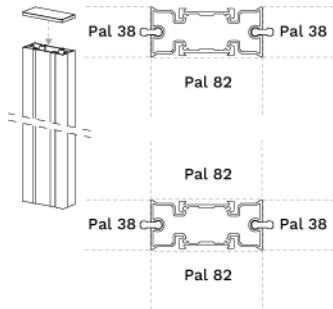Terminal 90° connection Pal 82 to Pal 38 - Closing cap (included)

Pal 38

Pal 82

Pal 82

Pal 38

Pal 82

Intermediate 90° connection Pal 82 to Pal 38 - Closing cap (included)

Pal 38   Pal 38
Pal 82
Pal 82
Pal 38   Pal 38
Pal 82

ABACUS – Optionals

1

ACCESSORY BAR

2

DOX UNIT   DOX UNIT
               ACCESSORY

3

STATIONARY TRAY

4

OBJECT HOLDER

5

A4 PAPER TRAY

6

SINGLE SHELF

DOUBLE SHELF

7

OPEN HANGING UNIT

HANGING UNIT WITH FLAP DOOR