



ALPINE

AlpineCenter EVO Technical specifications

Brand Stores - November 2022 - V1c

Technical specifications

This document is intended for the budgetary evaluation of the exterior and interior components of the Alpine Center EVO

1.	Concept reminder	3
2.1	Exterior components	7
2.2	The technical principles of exterior components	11
3.1	Interior components	45
3.2	The technical principles of interior components	49
4.	Standard furniture	119
5.	Sound & lighting	131
6.	Computer equipment	138

To directly access a chapter,
please click on the title.



1. Concept reminder

Alpine Center EVO

a logical sequence

AN ASSUMED EXISTENCE OF THE BRAND

The Alpine brand displays its premium character within the concessions.

The signage signals its presence and offers a specific customer journey.

INCREASED VISIBILITY BY:

- the flags,
- the pole,
- the sign on the facade
- the exhibition and test area
- the Alpine Center showroom on the front



Alpine Center EVO

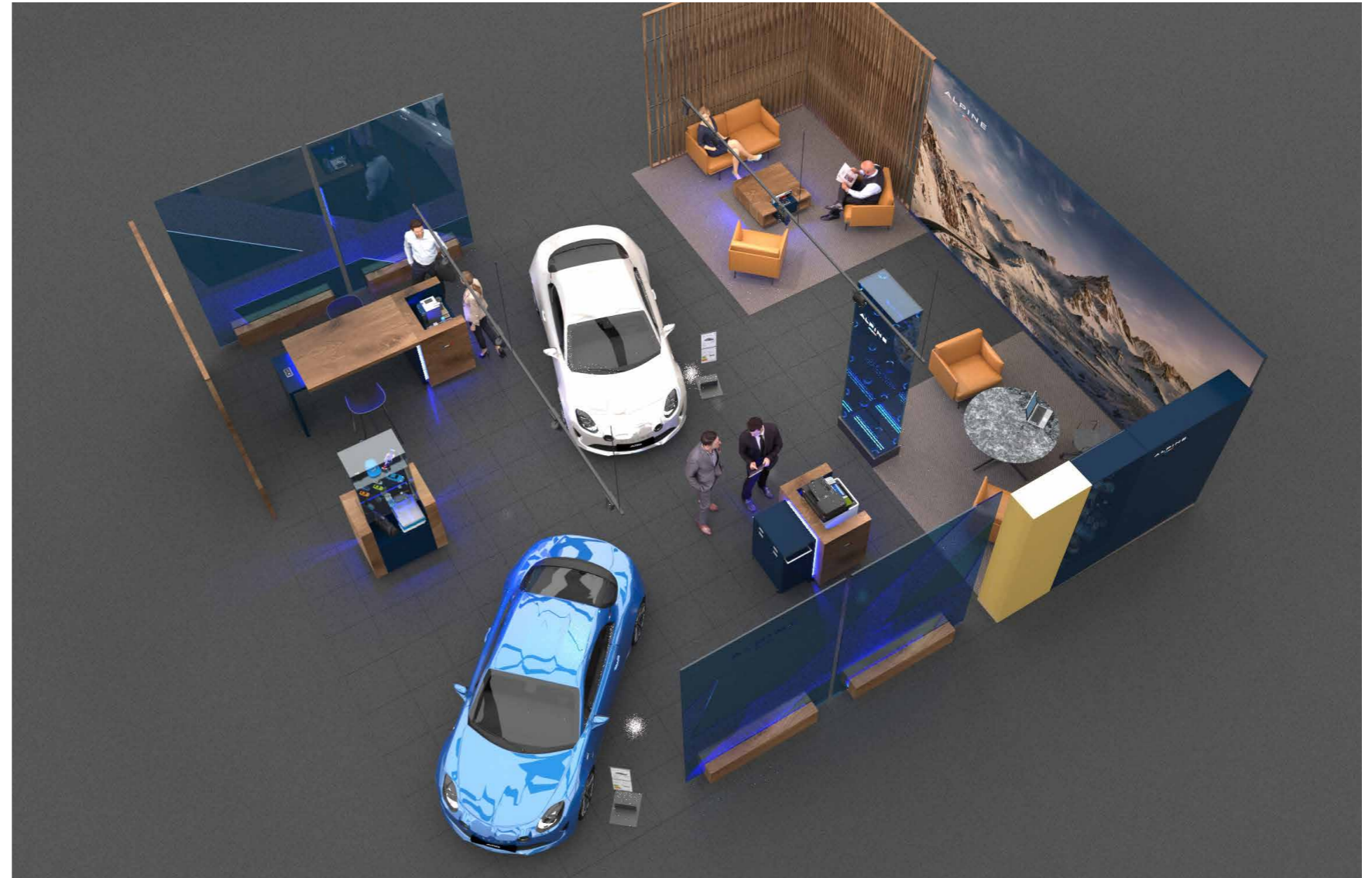
a logical sequence

FLEXIBLE DEVELOPMENT

The furniture allows a modularity of the space to adapt and integrate into the concession or in the event of particular events such as the launch of products...

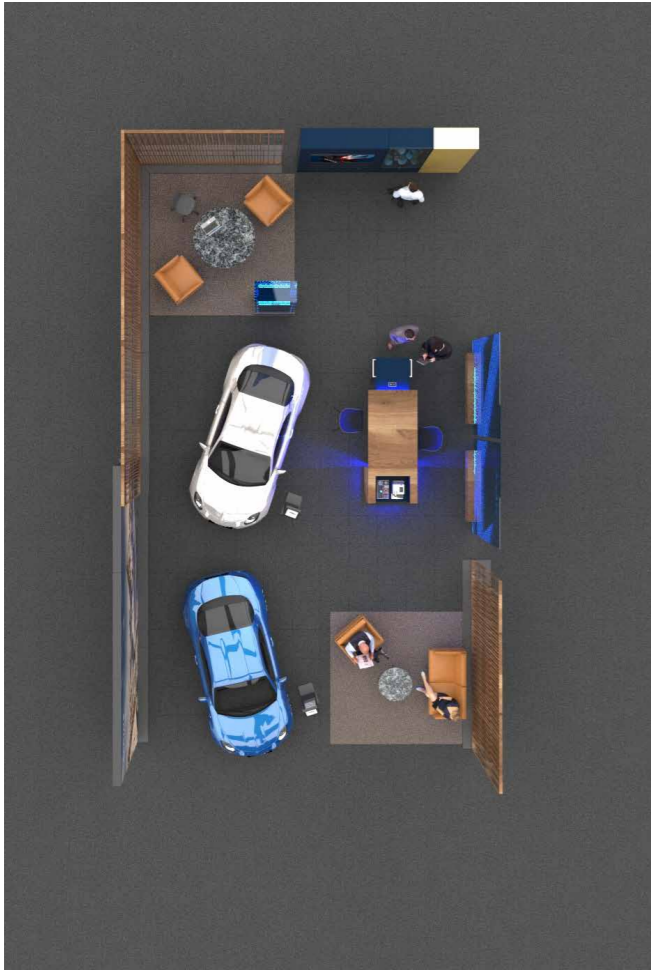
FUNCTIONS INTEGRATED BY:

- a lounge area with drinks offer,
- a workspace for customers during After-sales operations,
- technical furniture for administrative tasks
- a secure merchandising showcase
- a distinct sales area,
- a delivery area with mobile furniture containing the customer's documents, vehicle covers,



Alpine Center EVO

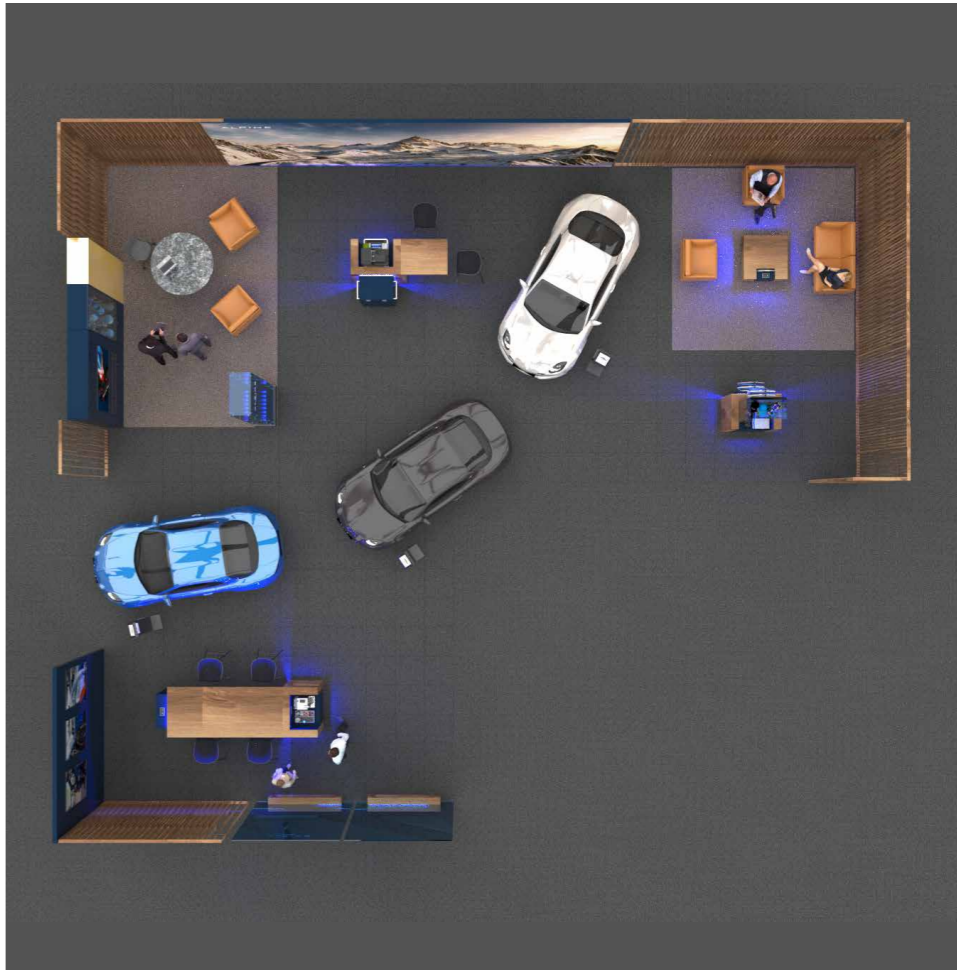
formats adapted to showrooms



Small



Medium



Large

2.1

Exterior components inventory

exterior components

inventory



Flags



Totem



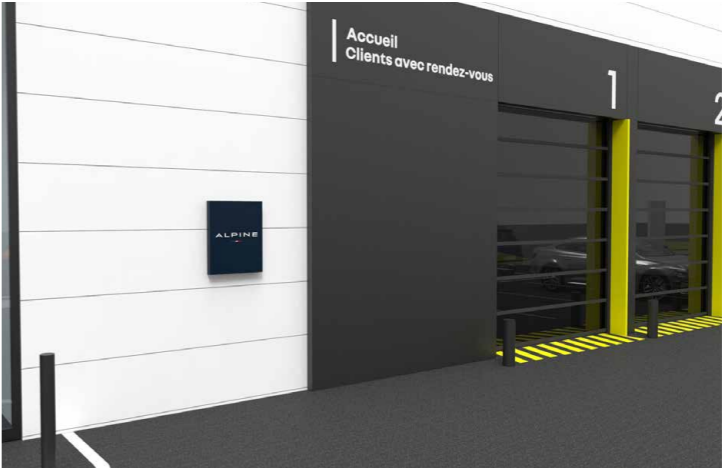
Flag insignia (urban site)



Facade signature



Test drive



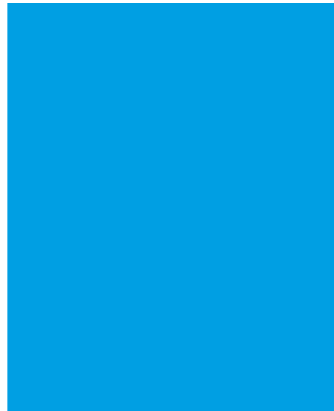
Service plate

colors & materials

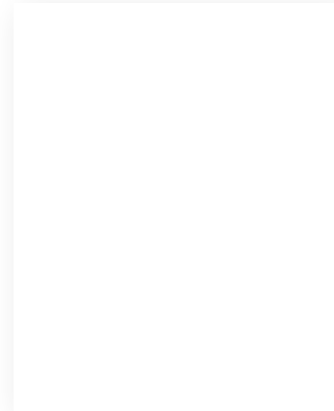
exterior components



dark blue
Pantone 296 C



blue (emblem)
Pantone 3005 C



pur white (emblem)
RAL 9001



red (emblem)
Pantone 485 C

facade marking

tracés

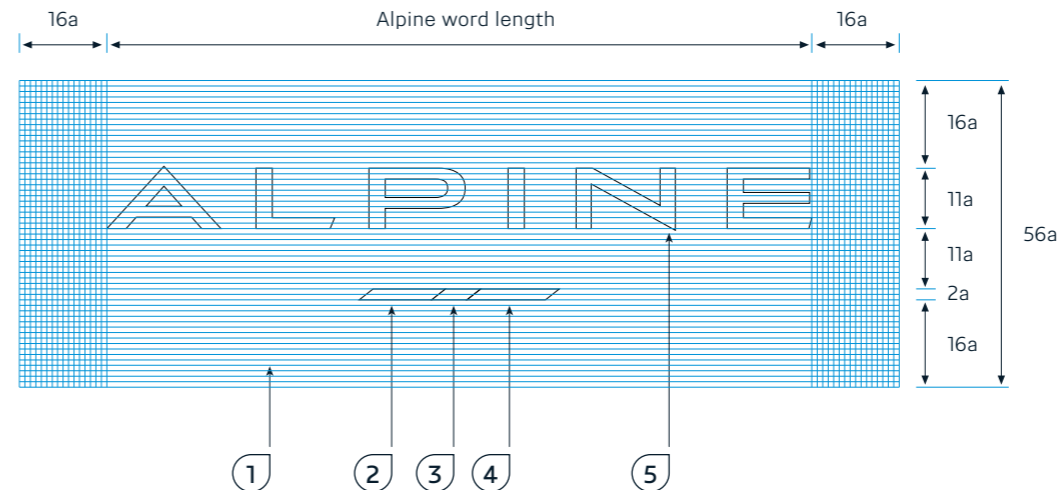
Description

The opposite drawing allows the precise positioning of the facade marking component elements.

The neutrality zone optimizes the visibility of the signature while preserving its visual integrity.

Key

- 1 Pantone blue background 296 C
- 2 Pantone Blue 3005 C
- 3 Pure white
- 4 Pantone Red 485 C
- 5 White letters



2.2

The technical principles of exterior components

the flags situation

Description

The flags aim to structure the outdoor space and improve the visibility of the dealership.

They are the identifying elements of the Alpine brand when approaching the site.

Flags are available in 2 types of formats:

- 6 x 1.5 m flags for 12 m masts
- 5 x 1.5 m flags for 10 m masts.

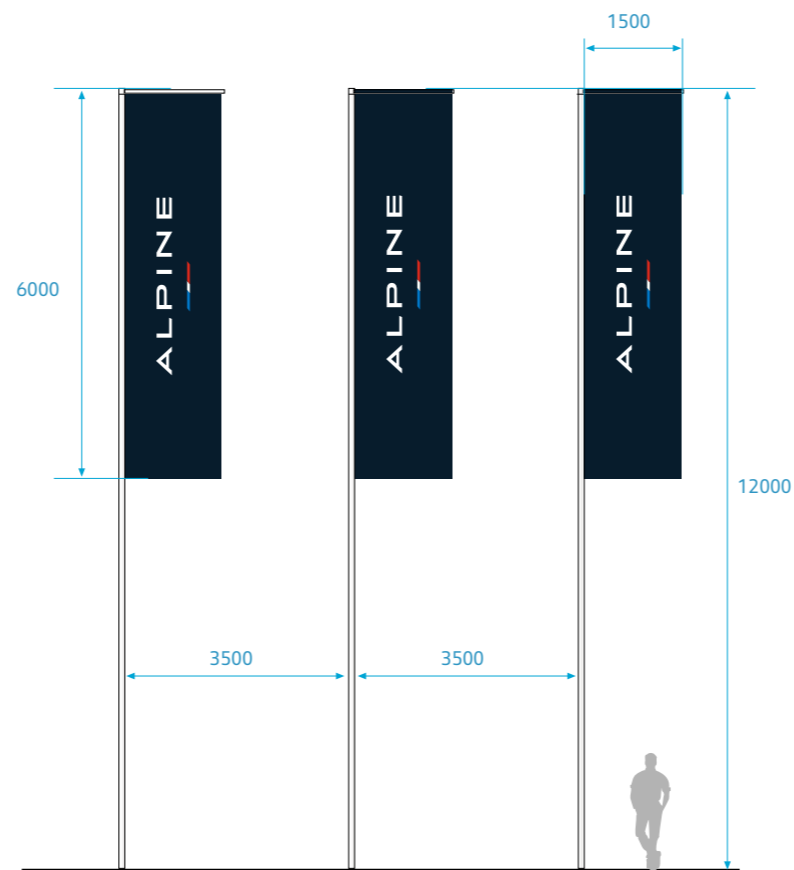


the flags presentation

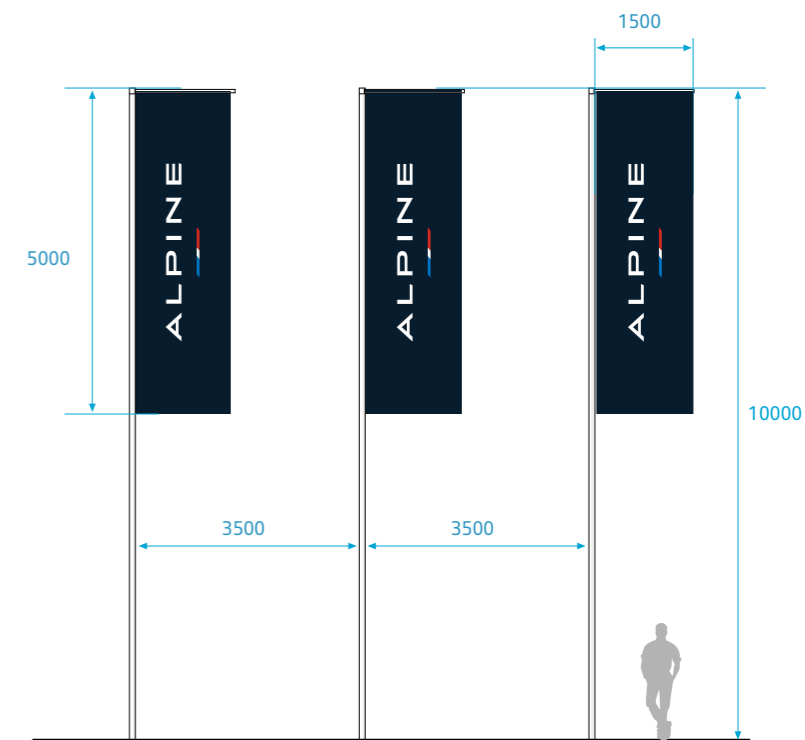
Implantation rules.

They are always installed, at the property boundary in groups of 3, perpendicular to the road axis and according to a precise rhythm, starting from the traffic lane:

A minimum distance of 3.5 m should be observed between each pole in order to highlight the elements and avoid any deterioration during strong winds.



6 X 1.5 M FLAGS FOR 12 M MASTS



5 X 1.5 M FLAGS FOR 10 M MASTS

the flags

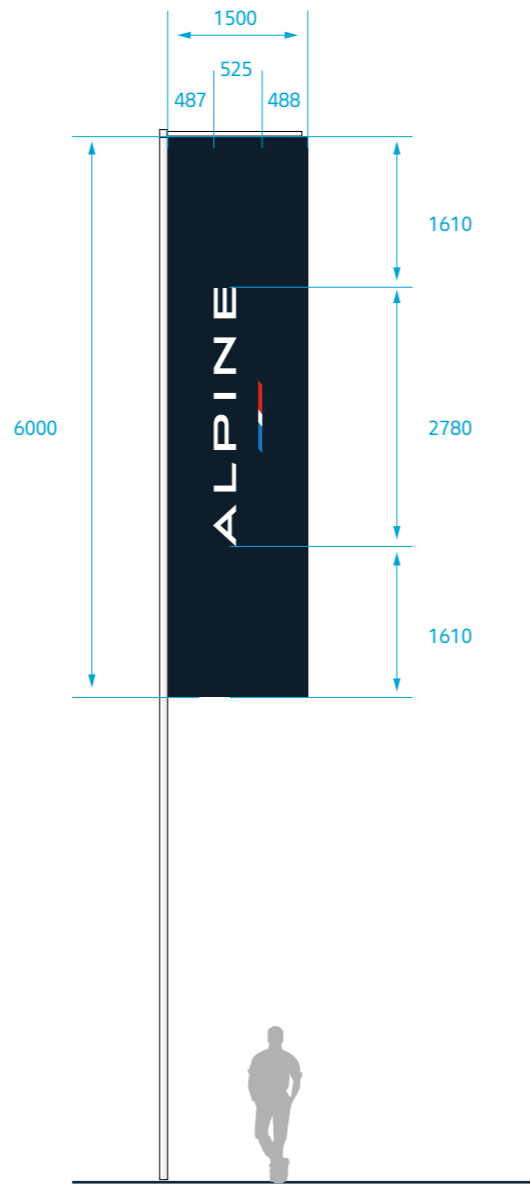
dimensions and configurations

Dimensions and layouts.

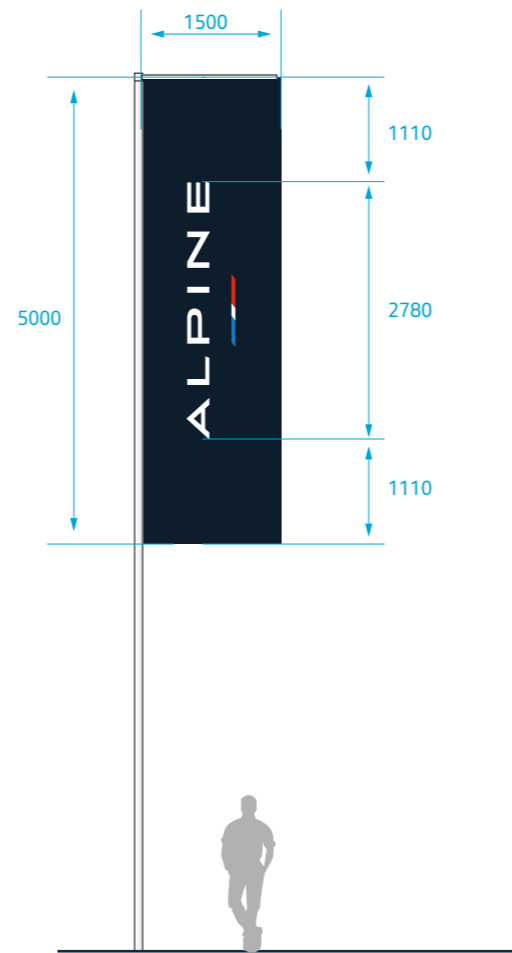
the emblem retains the same proportions on a 6m or 5m flag.

Setups

Depending on the location, Alpine flags can coexist with other brands according to a rule and a defined rhythm (see Alpines Center EVO application guide)



6 X 1.5 M FLAGS FOR 12 M MASTS



5 X 1.5 M FLAGS FOR 10 M MASTS



Multibands Renault- Dacia - Alpine



Multibands Renault- Dacia - Alpine

the totems presentation

3 formats

Depending on the location, the Alpine totem must harmonize with the totems of other brands. When it is impossible to place a totem, a totem is placed in front of the test area.

1. the 6.5 meter totem
2. the 4.5 meter totem
3. the test area totem



6,5m totem description

Description

Double-sided luminous totem with integrated LED lighting.

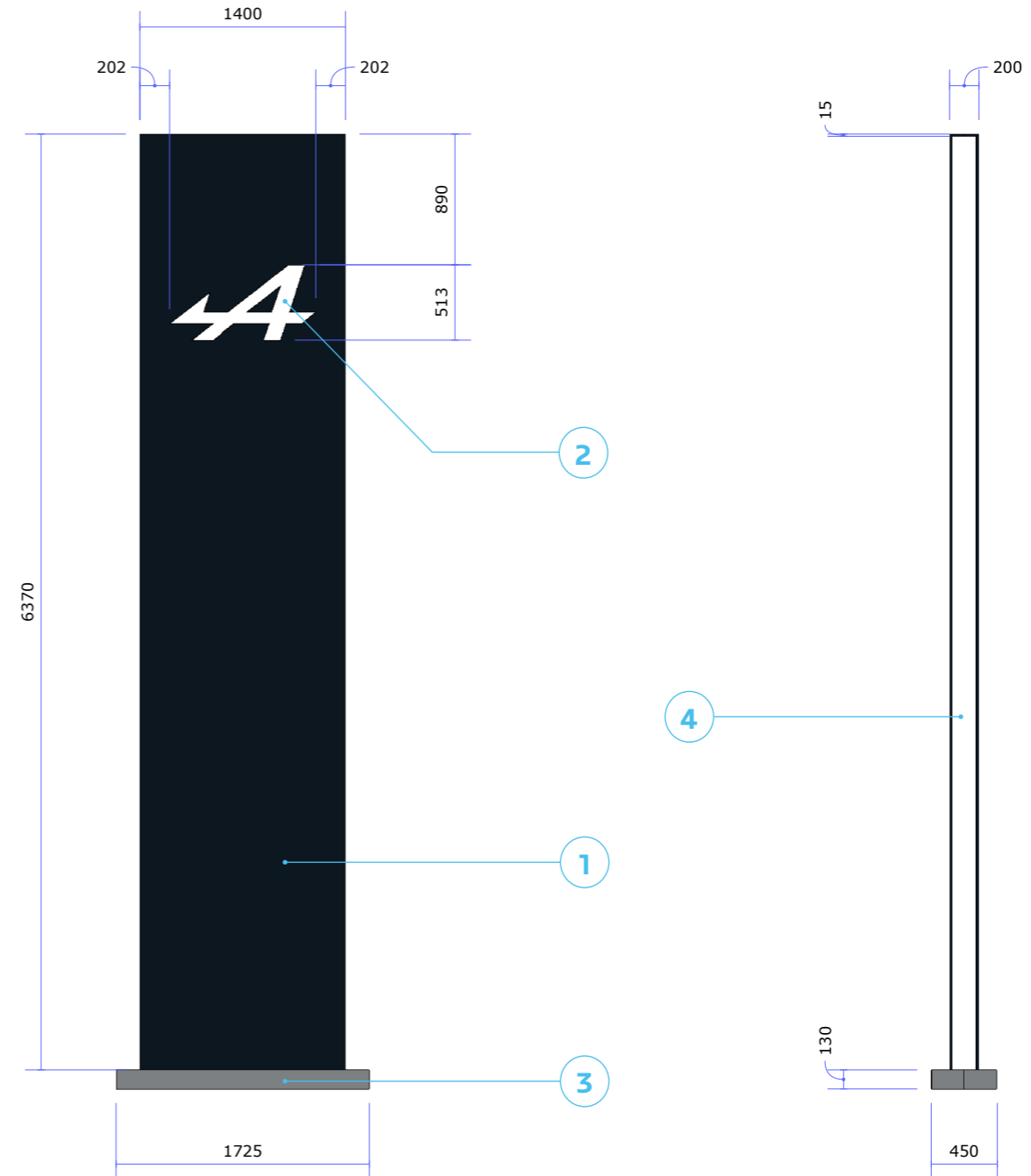
Face in ACM 4 mm and edges in aluminum sheet.

Installation on concrete block by anchor rods and recovery on welded plates on steel structure protected by galvanization.

Dimensions: l.1400 x h.6500 x th.240 mm.

Key

1. Face made in a single part in ACM 4 mm, Pantone 296 C dark blue lacquer with 40 mm flanged edges.
2. Alpine emblem in backlit white PMMA. Marquetry inlay
3. CacEVO-plate in black lacquered aluminum sheet RAL 9004 in satin finish made in 2 symmetrical parts.
4. Edges in white lacquered aluminum RAL 9003 in satin finish.



4,5m totem description

Description

Double-sided luminous totem with integrated LED lighting.

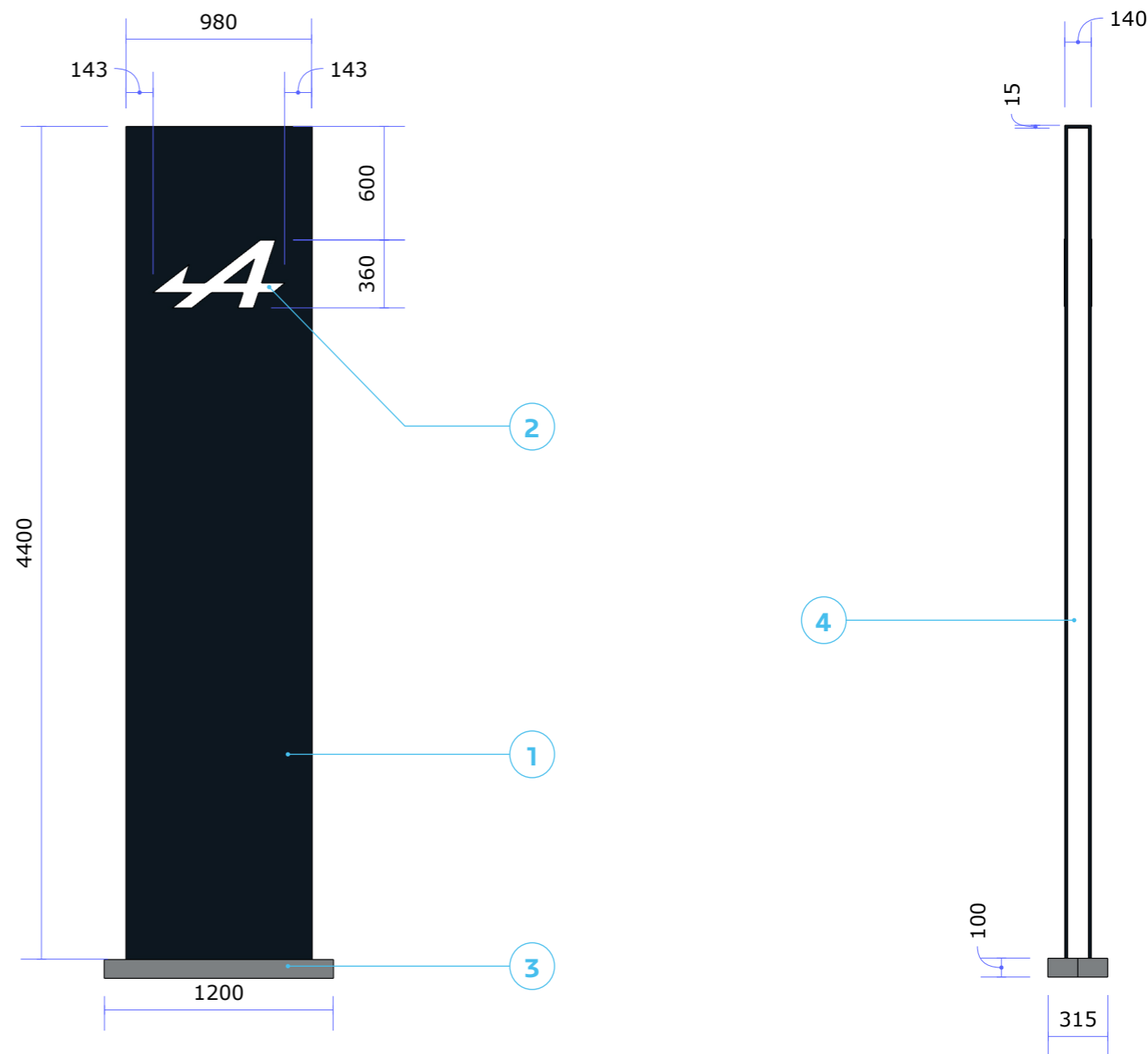
Face in ACM 4 mm and edges in aluminum sheet.

Installation on concrete block by anchor rods and recovery on welded plates on steel structure protected by galvanization.

Dimensions: l.980 x h.4500 x th.140 mm.

Key

1. Face made in a single part in ACM 4 mm, Pantone 296 C dark blue lacquer with 40 mm flanged edges.
2. Alpine emblem in backlit white PMMA. Marquetry inlay
3. Plate cover in black lacquered aluminum sheet RAL 9004 in satin finish made in 2 symmetrical parts.
4. Edges in white lacquered aluminum RAL 9003 in satin finish.

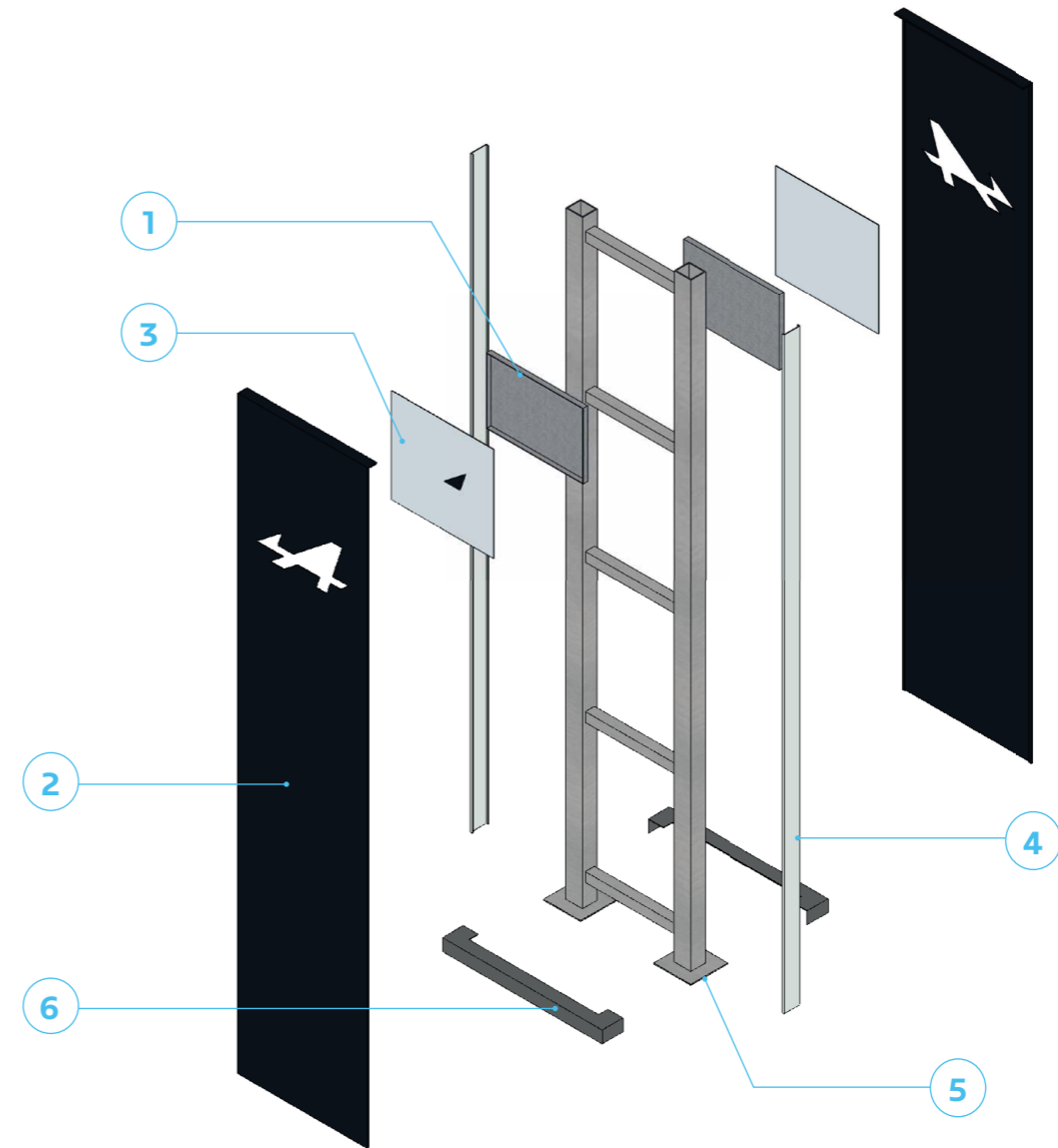


4,5 ou 6,5m totems

general exploded view

Description

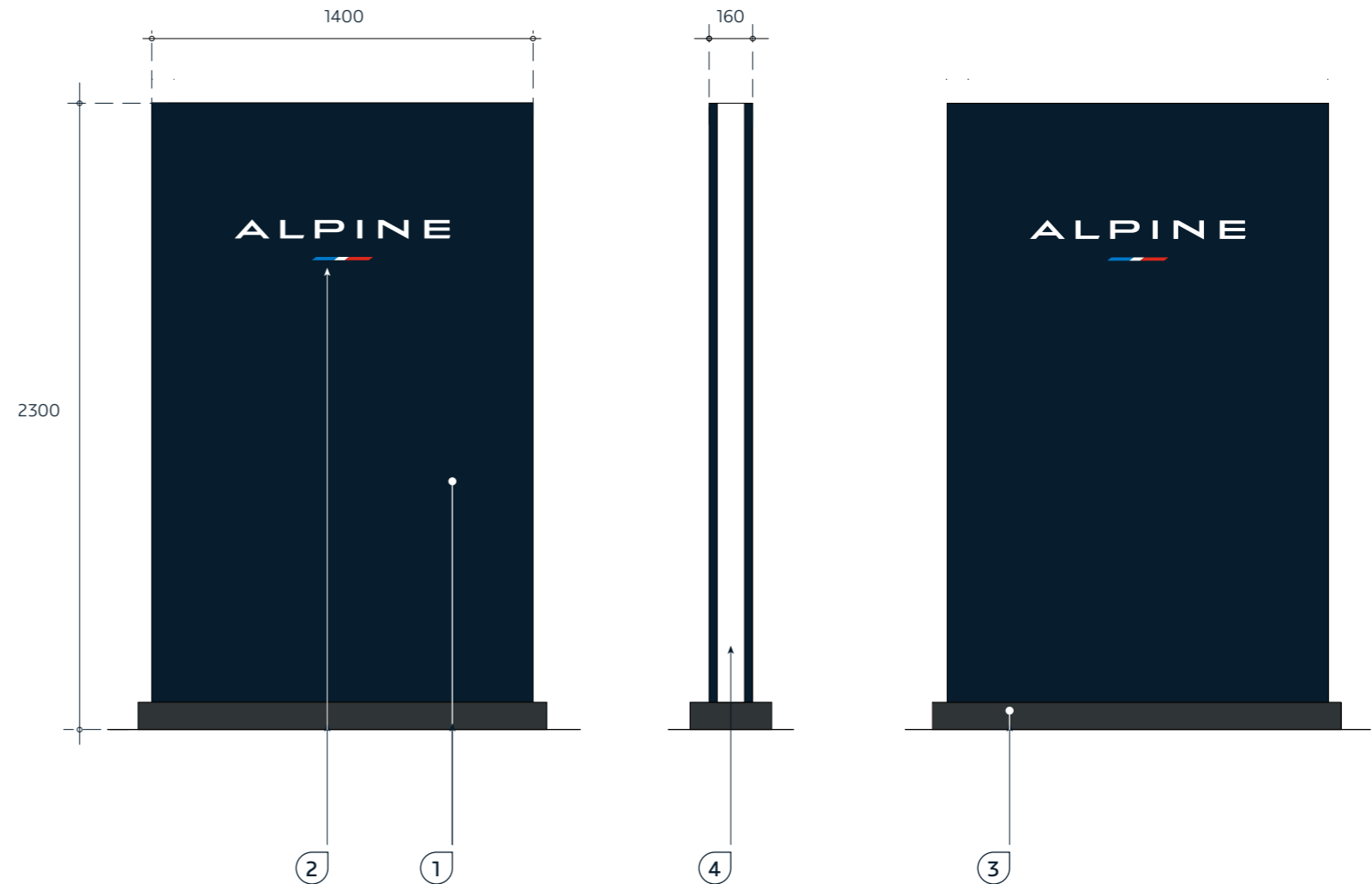
1. Softbox serving as a reflector with LED equipment in matt white aluminium.
2. Front in satin Pantone 296 C epoxy lacquered aluminum sheet
Cut-outs for inserting the emblem
3. Diffusing white PMMA emblem integrated in marquetry in the face.
4. White lacquered aluminum edges
5. Steel plates for recovery on concrete block.
6. Plate cover in gray epoxy lacquered aluminum sheet RAL 7021 satin finish



the totem of the Test Drive presentation

Key

- 1 Face in dark blue lacquered aluminum
Pantone 296 C.
- 2 Alpine lettering in backlit white PMMA.
PMMA tape with adhesive diffusing 3 backlit
colours. Marquetry inlay
- 3 Plate cover in RAL 7021 lacquered aluminum
sheet in satin finish
- 4 RAL 9003 white lacquered aluminum edge
in satin finish.



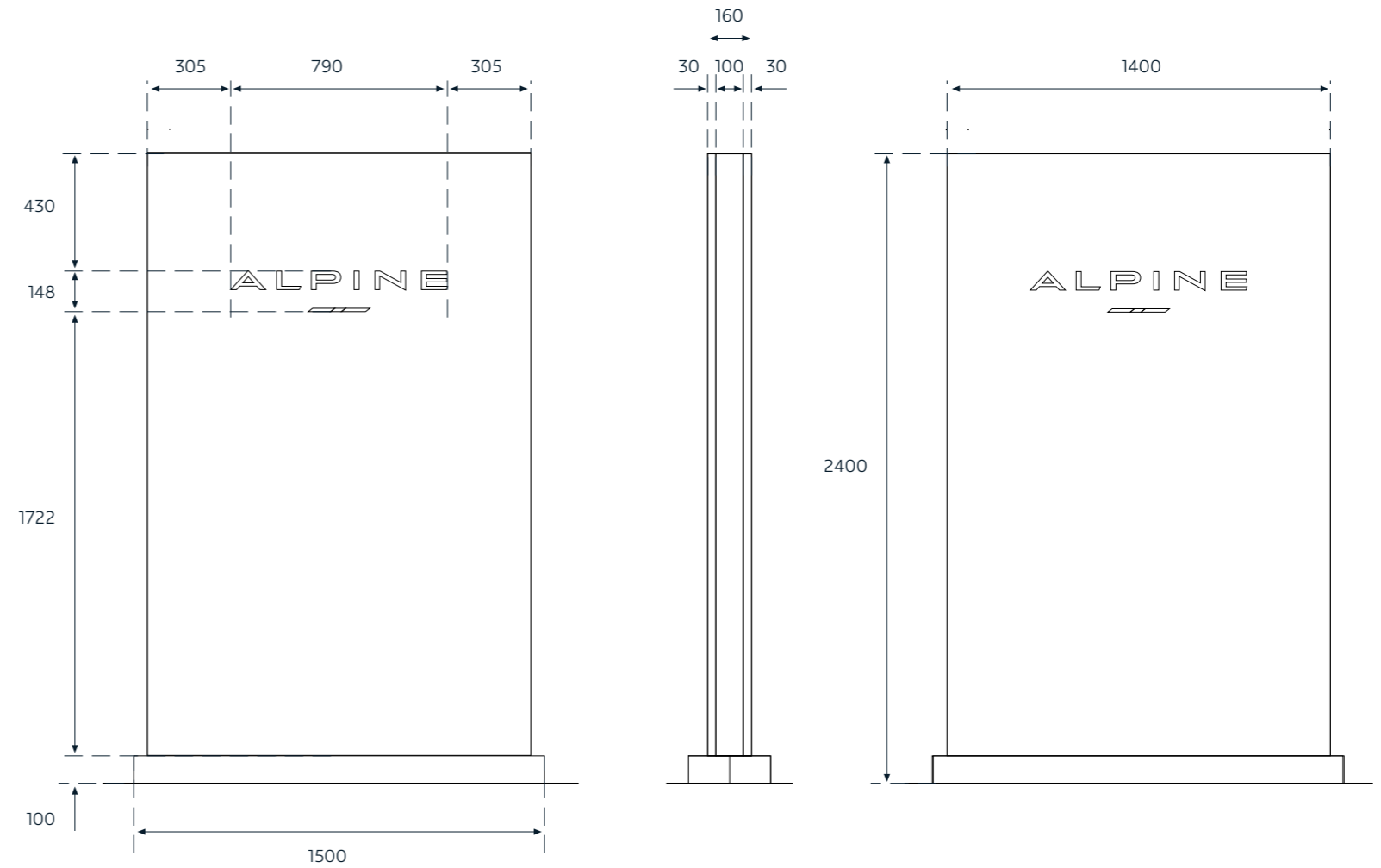
the totem of the Test Drive dimensions

Description

Luminous totem with integrated LED lighting.

This element is double-sided backlit.

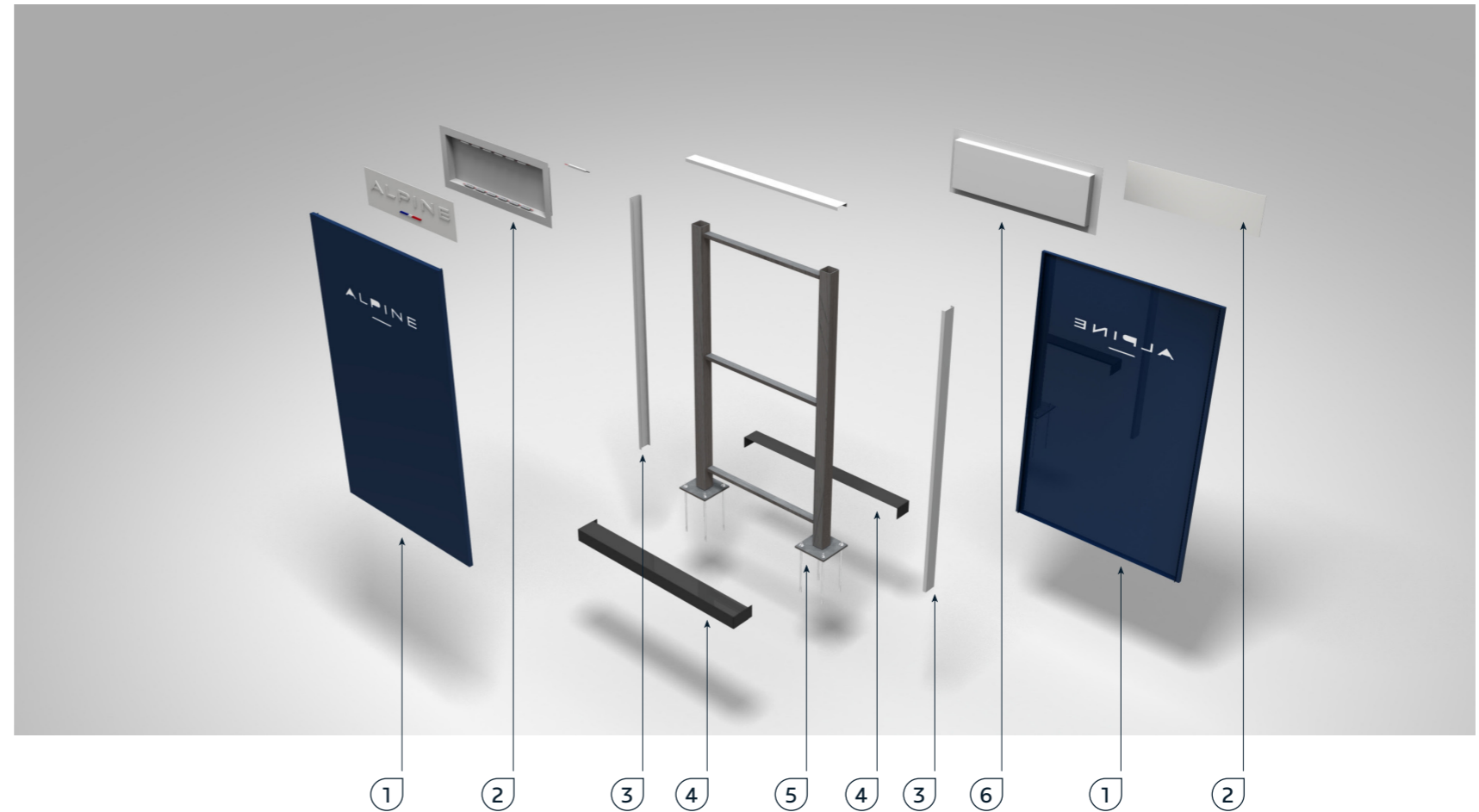
Dimensions: l.1400 x h.2400 x th. 160 mm.



4,5 or 6,5m totems general exploded view

Key

1. Pantone dark blue lacquered aluminum face 296 C.
2. Alpine lettering in white backlit PMMA. PMMA tape with diffusing adhesive backlit colors. Inlay in marquetry.
3. RAL 9003 white lacquered aluminum edge in satin finish.
4. Plate cover in RAL lacquered aluminum sheet 7021 in satin finish.
5. steel structure with protection by hot dip galvanizing.
6. Light box in RAL lacquered aluminum sheet 9003 in matte finish with implanted leds tangential to the face.



the flag insigna presentation

Description

Illuminated sign with integrated LED lighting.

Faces in aluminum sheet with cutout for inlaying the Alpine signature flush with the surface.

Direct attachment to masonry or cladding using stainless steel screws.

Dimensions: l.900 x h.550 x th.100 mm.



the flag insignia presentation

Implementation rules.

The flag insignia is used on urban sites. When it is impossible to install a totem.

The sign must be placed on the cladding at one end of the window, preferably on the side of the pedestrian or vehicle flow

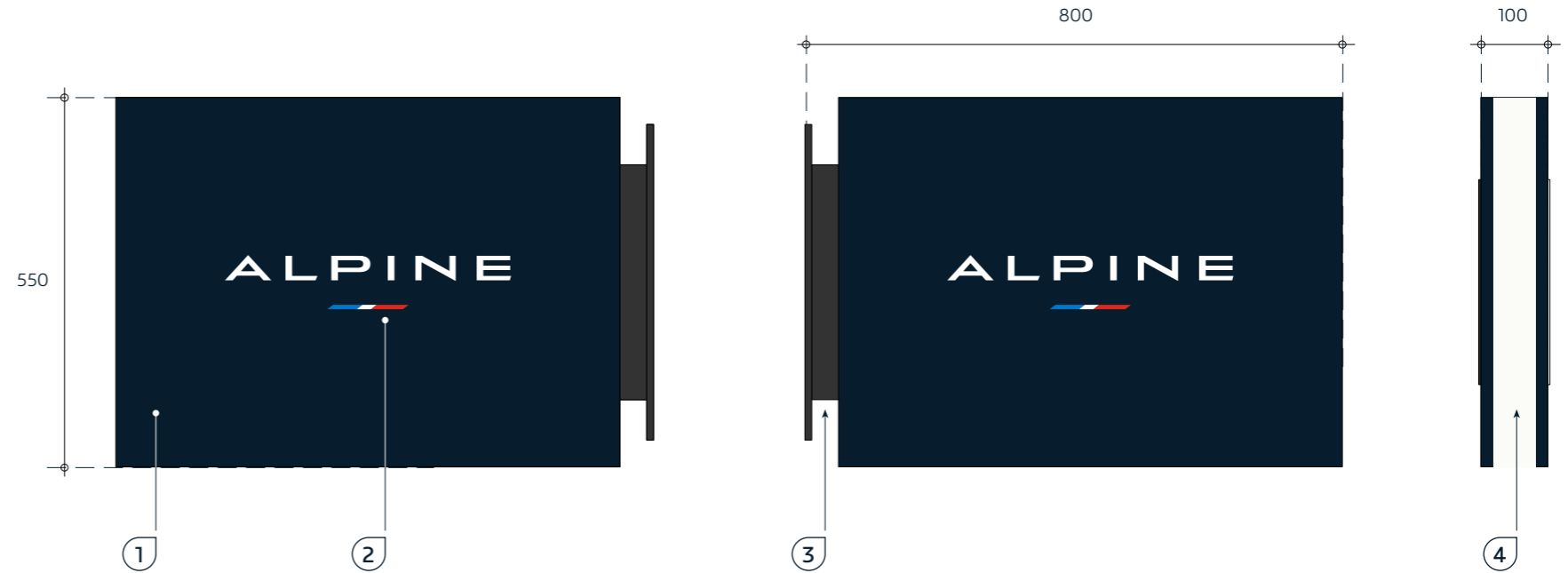
The sign is horizontally centered on the word Alpine



flag insignia presentation

Key

- 1 Face in dark blue lacquered aluminum
Pantone 296 C.
- 2 Alpine lettering in backlit white PMMA.
PMMA tape with adhesive diffusing 3 backlit
colours. Marquetry inlay
- 3 Plate cover in RAL 7021 lacquered aluminum
sheet in satin finish
- 4 RAL 9003 white lacquered aluminum edges
in satin finish.

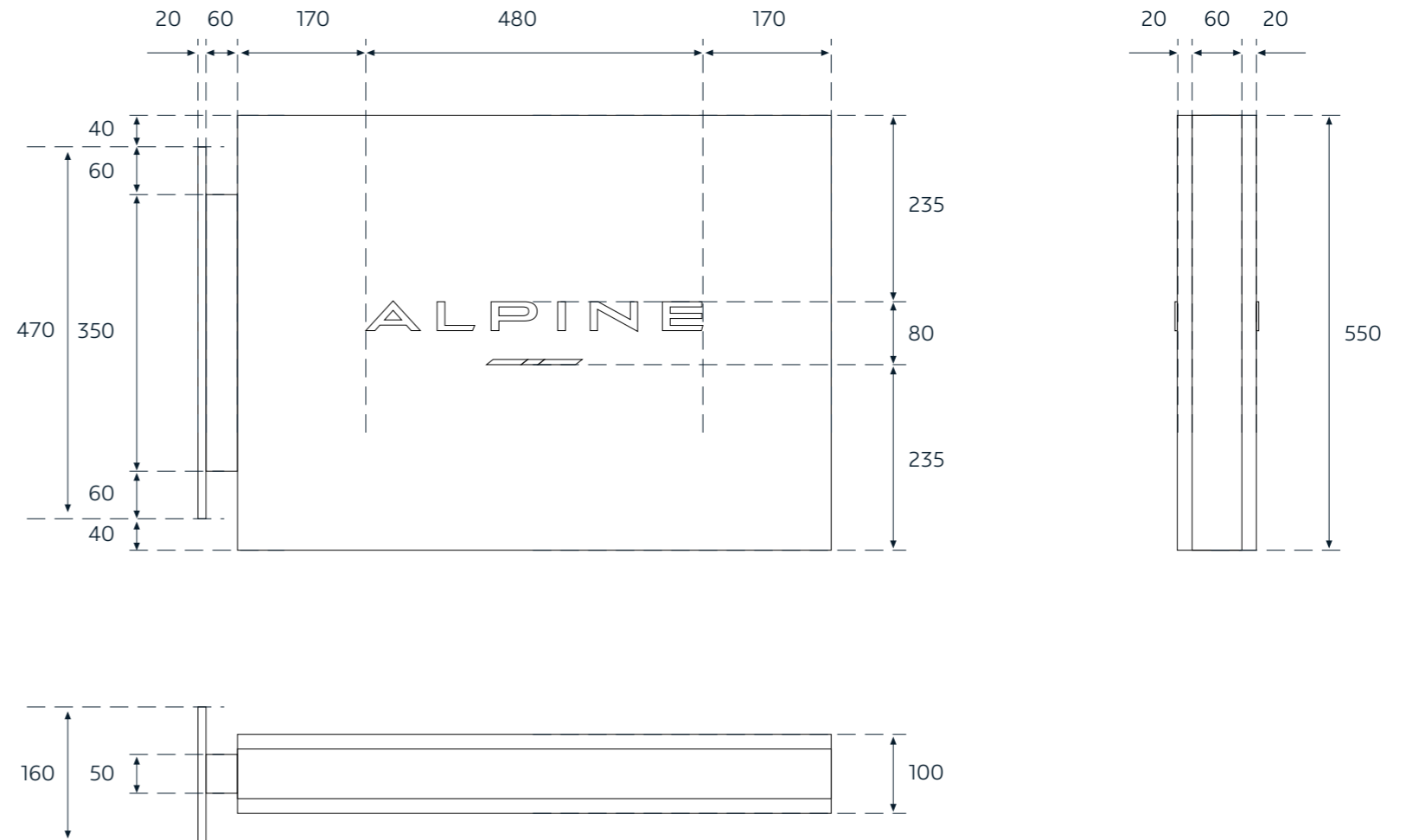


flag insignia dimensions

Description

Illuminated sign with integrated LED lighting.

Dimensions: l.800 x h.550 x thickness 100 mm.

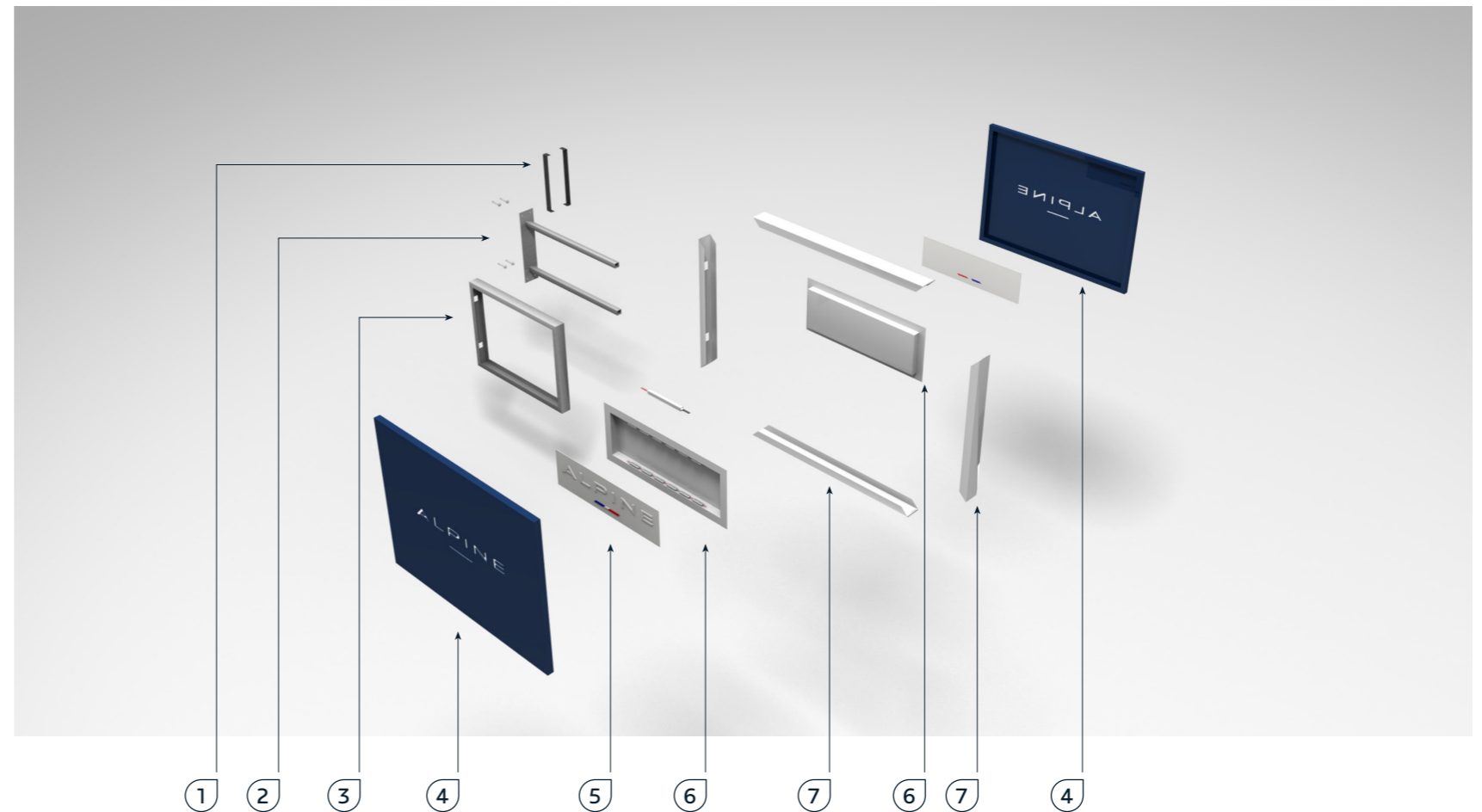


the flag insignia

general exploded view

Key

1. Pantone 296 C dark blue lacquered aluminum face.
2. Alpine lettering in white backlit PMMA. PMMA band with adhesive diffusing 3 backlit colors. Marquetry inlay.
3. Edge in white lacquered aluminum RAL 9003 in satin finish.
4. Plate cover in RAL 7021 lacquered aluminum sheet in satin finish.
5. Steel structure with hot-dip galvanizing protection.
6. Light box in RAL 9003 lacquered aluminum sheet in matt finish with LEDs installed tangentially to the face.



the test drive

situation view

Two possible markings

Depending on ability to perform of the project owner it is possible to carry out 2 types of marking

1. simple marking (recommended)
2. alternative marking



the test drive

layout 1

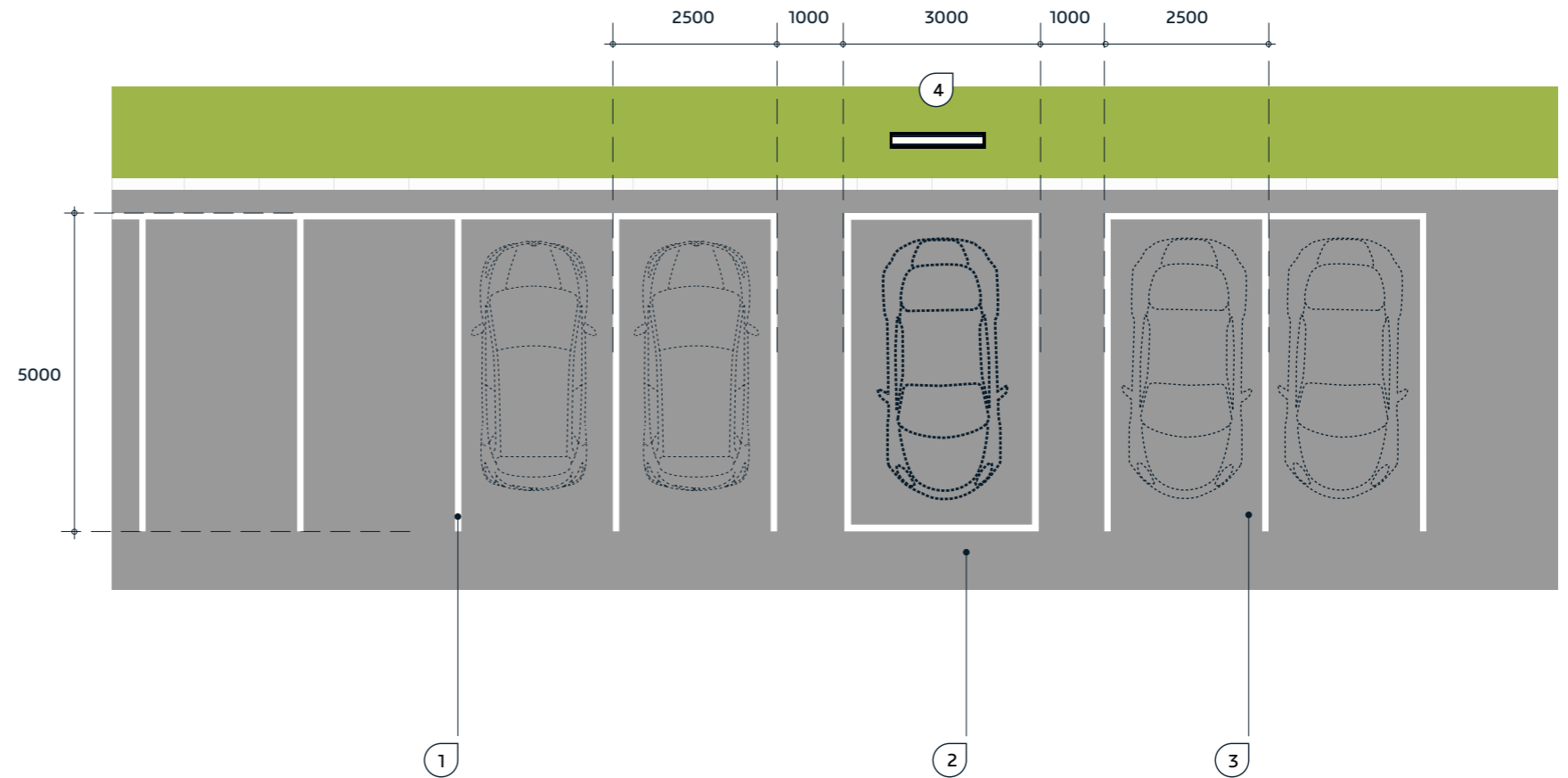
description

Marking made with a stencil in two-component white epoxy paint RAL 9003.

Marking thickness: 100 mm

Key

1. Parking area
2. Alpine exhibition area
3. Place reserved for the Alpine tests drive
4. The test drive totem is aligned to the area



the test drive

layout 2

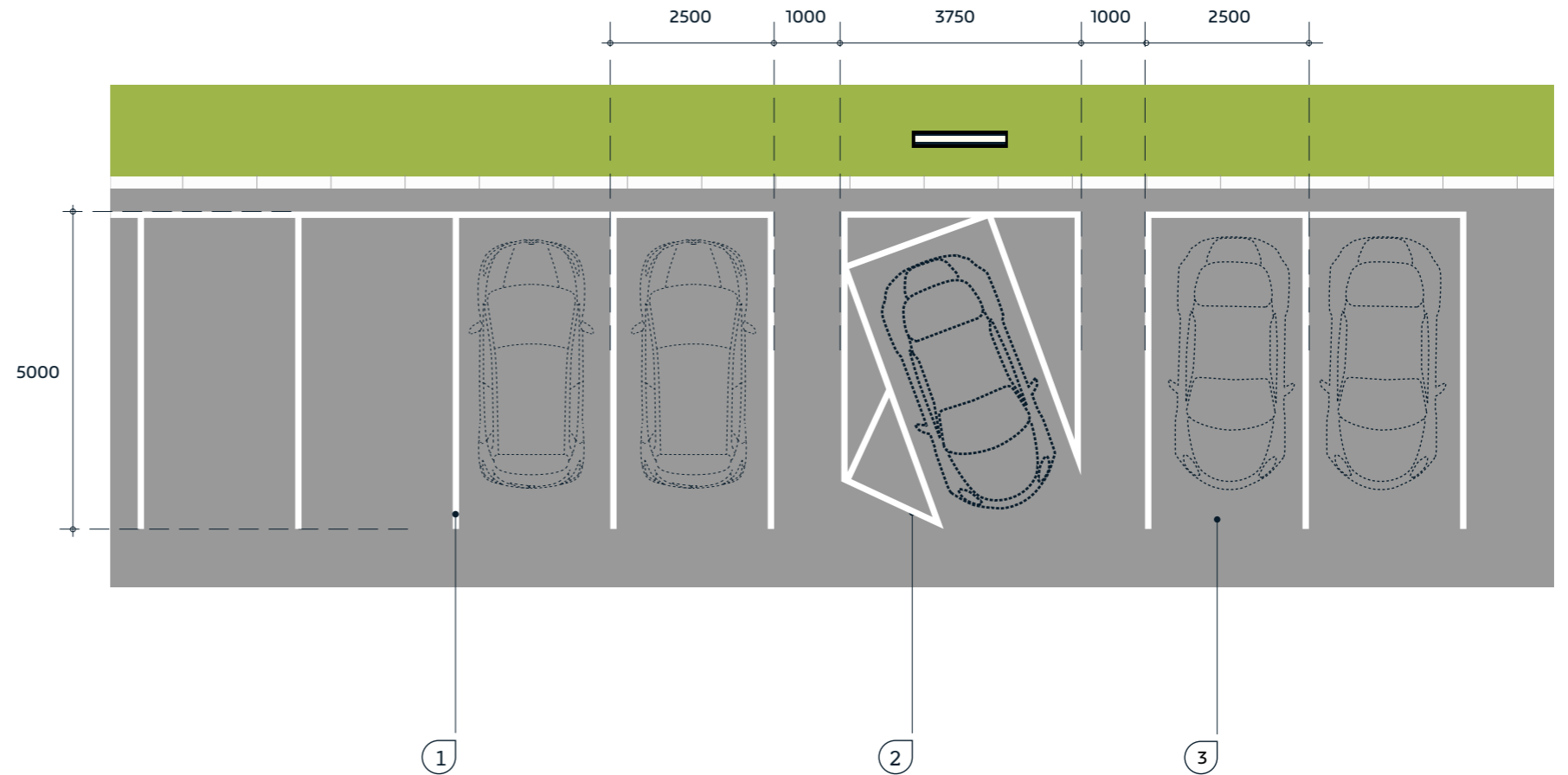
description

Marking made with a stencil in two-component white epoxy paint RAL 9003.

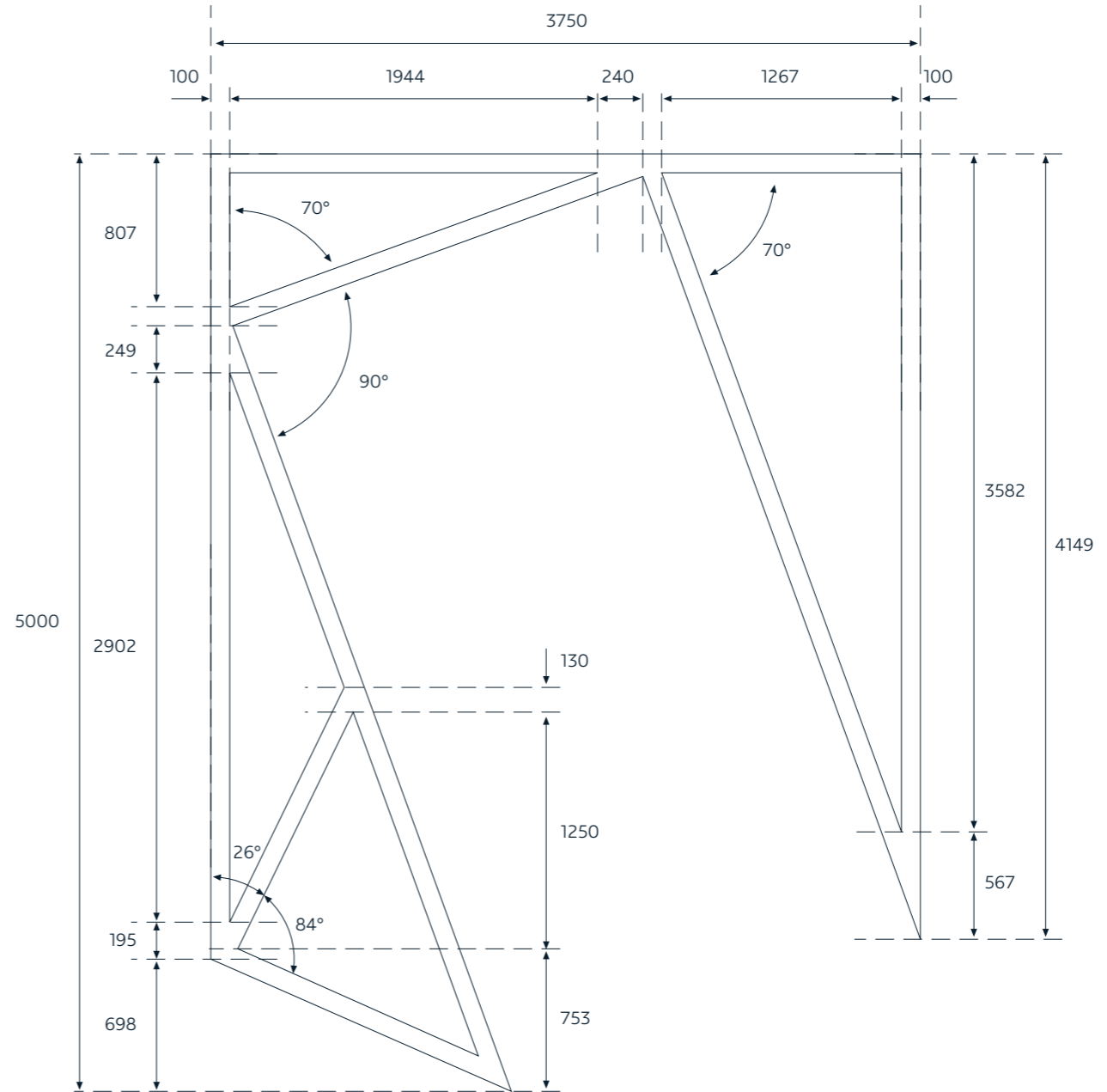
Marking thickness: 100 mm

Key

1. Parking area
2. Alpine exhibition area
3. Place reserved for the Alpine tests drive
4. The test drive totem is aligned to the area



the test drive layout 2



facade marking

situation view

General

The marking of the facade is centered on the Alpine cladding. the signature is aligned with the other signatures if they are present on the front.

Depending on the configuration of the dealership, a direct entrance to the Alpine showroom may be present on the facade.



showroom

horizontal cladding

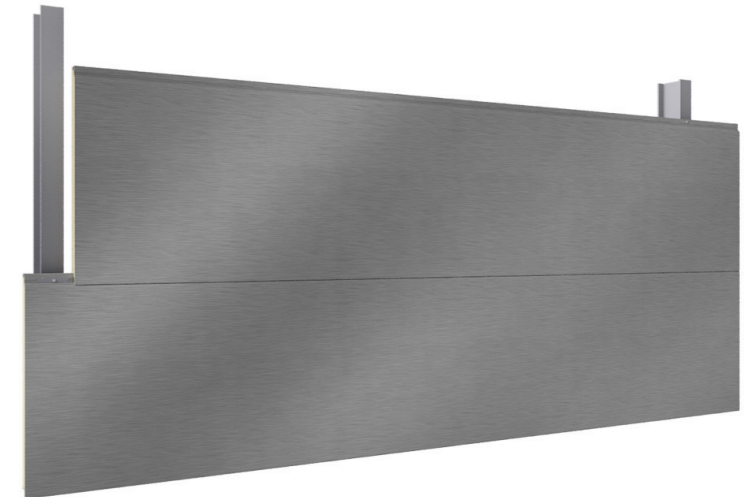
General facts

The facade must be clad in horizontal strips of flat metal cladding in midnight blue.

- Pre-painted galvanized steel cladding, thickness 1 to 1.5 mm.
- Color Night blue in satin finish equivalent to Pantone blue 296 C.
- NF EN 10169-1 XP P 34301 certification
- Height of the boards of 40 or 60 cm in horizontal installation without hollow joint.
- Fixing of the slats by concealed screws.

Particularities

- Reinforcement at the level of the flag sign for fixing the latter.
- Hidden passage of the power supplies for the flag sign and Alpine box letters (1 arrival per letter).
- Integration of a fire brigade cutout on the facade.

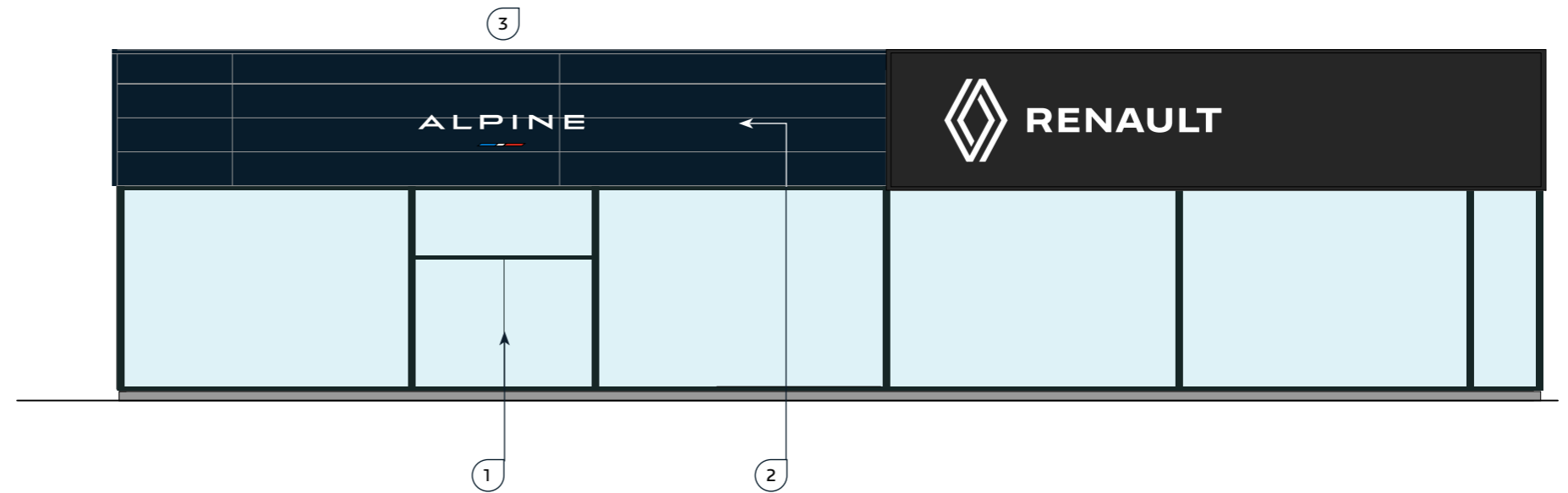


facade marking

positioning on the facades

Description

1. The Alpine signature is centered on the window of the Alpine showroom.
2. The signature is aligned vertically with the other signs
3. The signature has a fixed size:
ep. 70 x h. 250 x L. 2918 mm.



facade marking

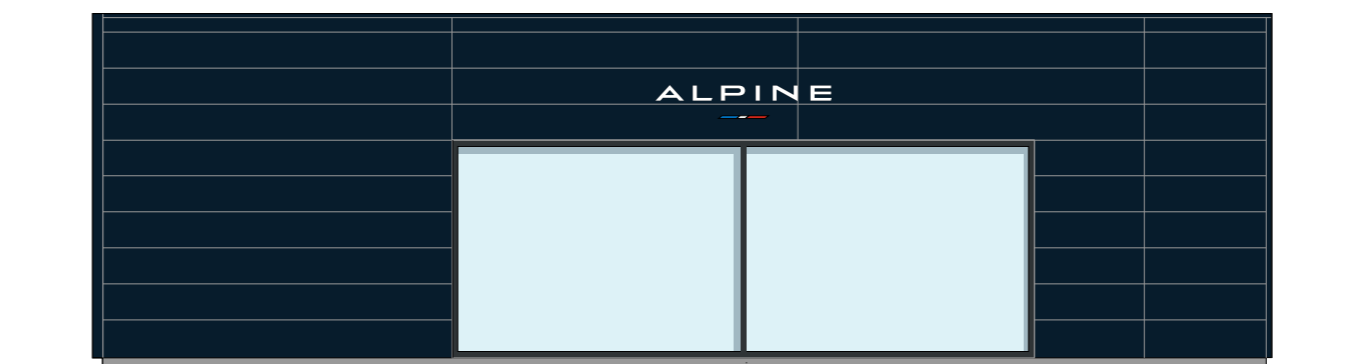
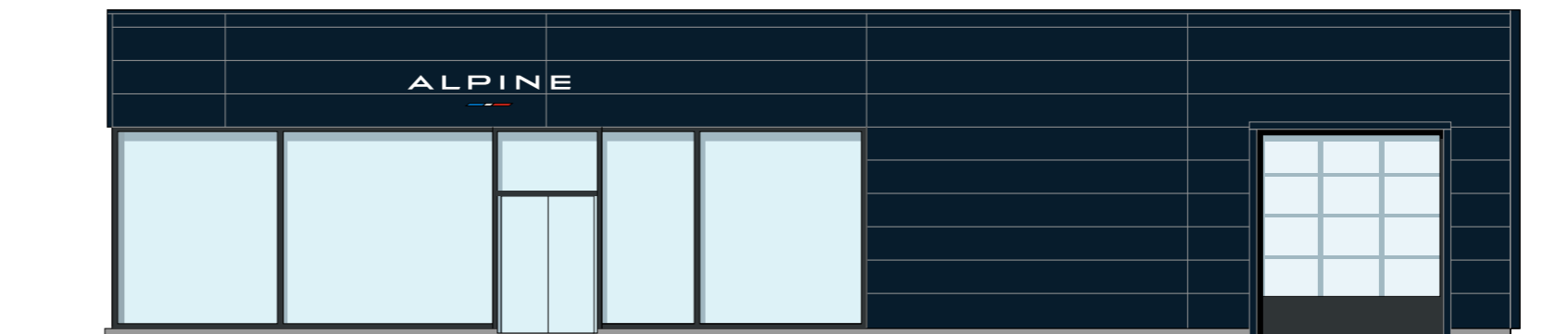
positioning on facades

Principle

The sign is located directly on the main facade and the secondary facade centered in relation to the windows.

It is aligned with the bottom of the cladding overhanging the glazed part.

- The letters and the flag are directly placed on the facade without the presence of an intermediate structure requiring passage of power supplies behind the cladding with an individual power supply for each letter.
- In the event that the power supply is made at a single point, the signature is placed on a blue tablet sheet intended to hide the power supplies for each of the elements of the light signature (letters and flag).



facade marking

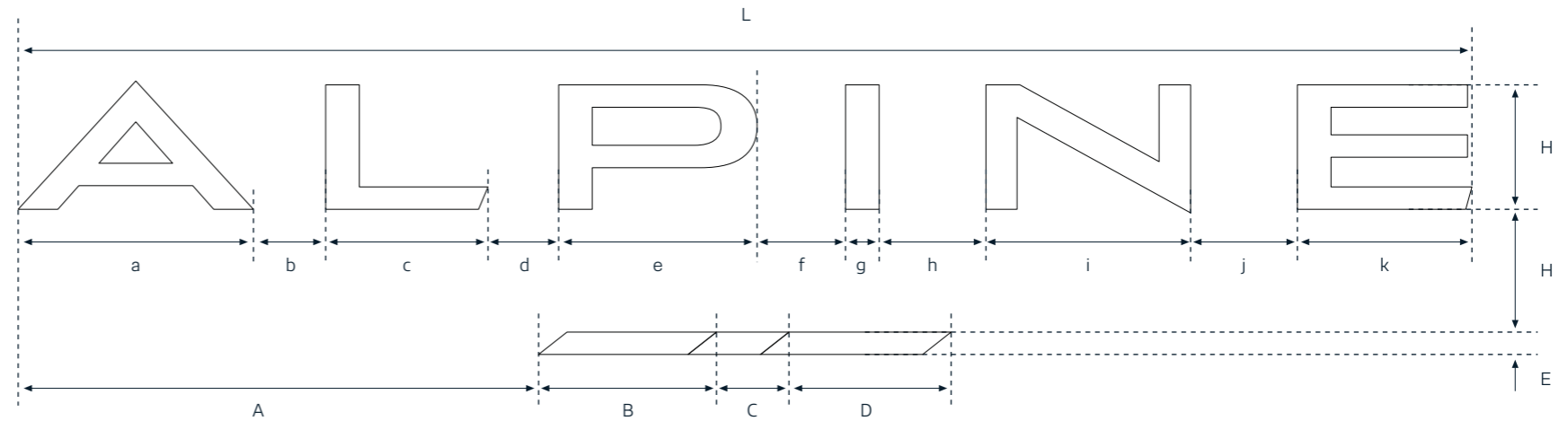
dimensions

General technical principle

Illuminated sign in box letters with integrated LED lighting with diffusing white PMMA face.

Flag made in one piece according to the same principle with diffusing white PMMA face and adhesive printed in red and blue on the face.

Dimensions: th. 70 x h. 250 x L. 2918 mm



key	H	L	a	b	c	d	e	f	g	h	i	j	k	A	B	C	D	E
dimensions	250	2918	472	145	326	142	398	177	67	214	411	214	350	1045	357	146	325	45

facade marking

description

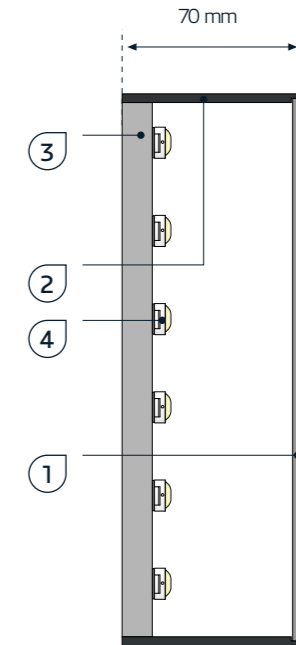
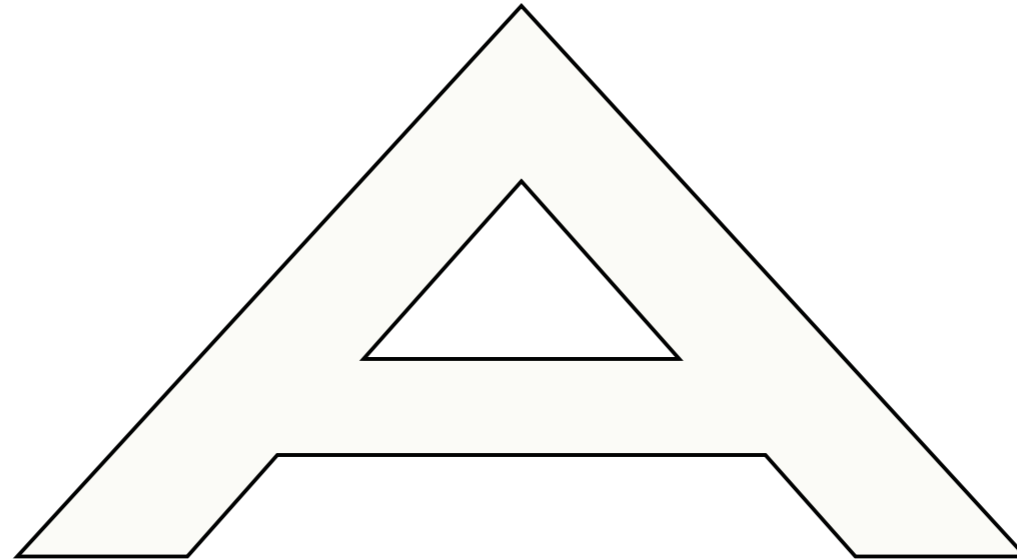
General technical principle

Illuminated sign in box letters with integrated LED lighting.

Dimensions: th. 70 x h. 250 x L. 2918 mm.

Technical details

- 1 Front panel in diffusing white PMMA, at 40% light transmission, 3 mm thick, glossy finish.
- 2 Sheet steel edge th. 1mm, letter depth 70mm, matt black colour. Interior coated with matt white adhesive.
- 3 Back in white PVC th. 13 mm.
- 4 Chain led IP67, white 6500 ° K, luminance 350 cd /m².

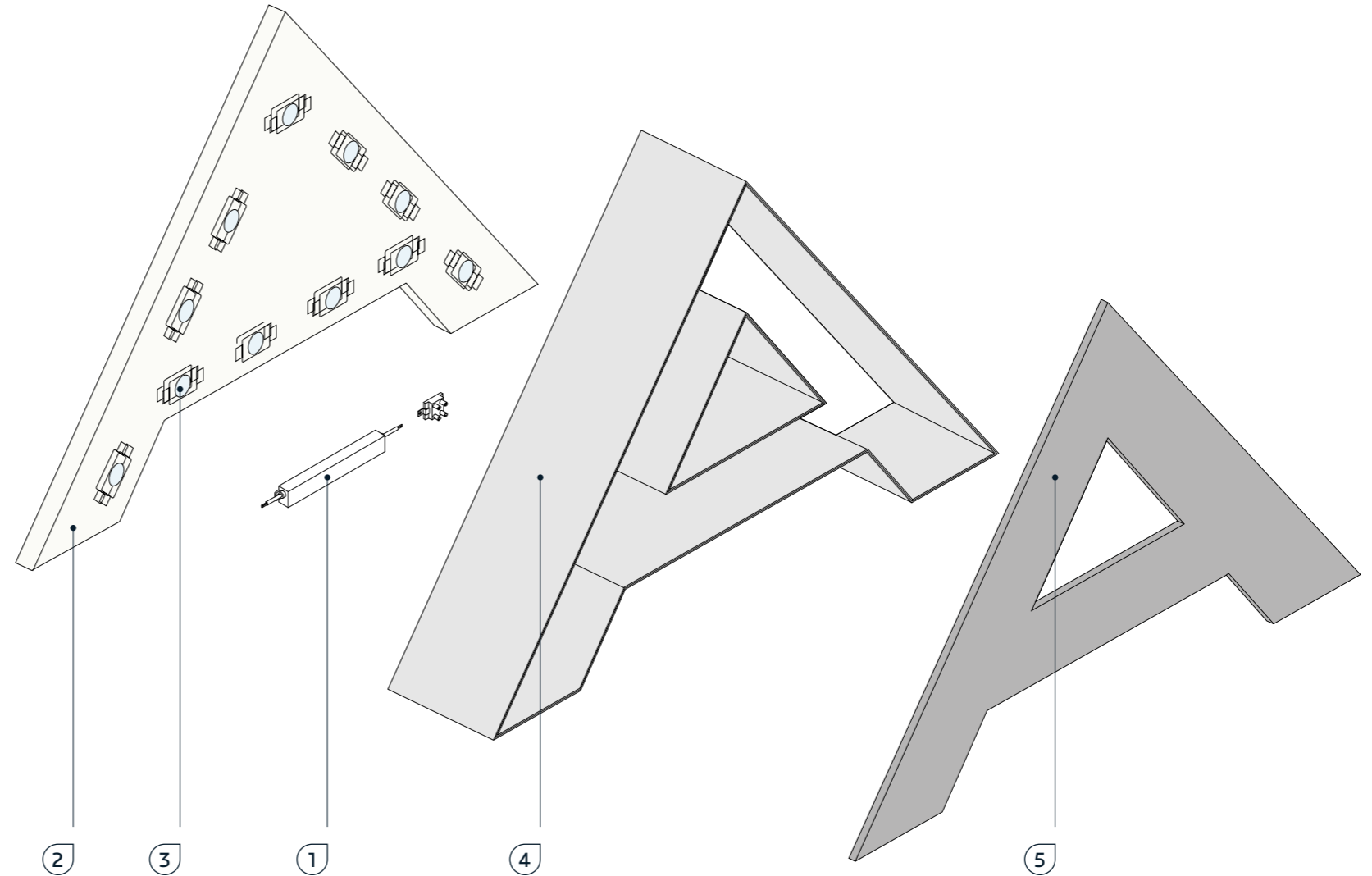


facade marking

letter making details

Description

- 1 External converter to the letter installed in the upper part of the facade
- 2 Bottom of the letter in white expanded PVC 10 or 13 mm thick
- 3 Chain white LEDs, rated IP65, 6500 ° K, luminance 350 cd/m²
- 4 Edging in 10/10 mm thick aluminum sheet, interior finish in matt white adhesive, matt black lacquered finish.
- 5 Face of the letter in diffusing white PMMA, th. 3 mm, assembly with the edge by transparent acrylic gluing.



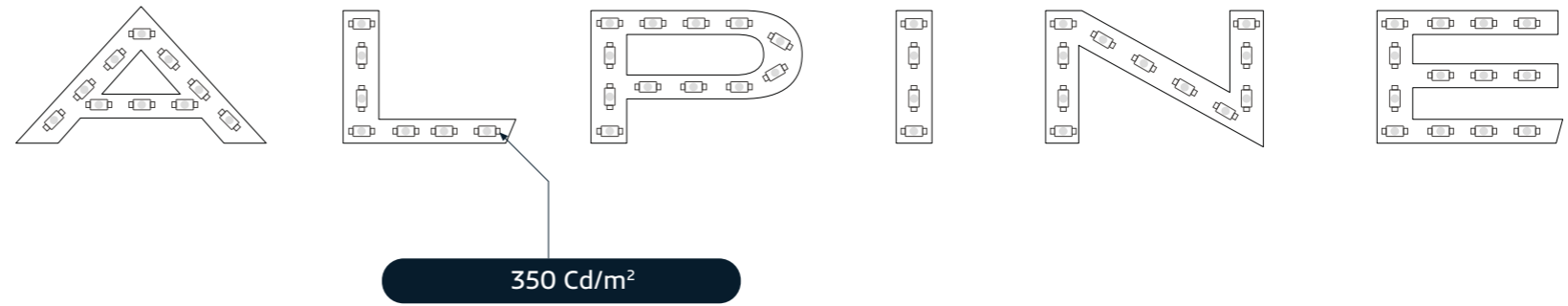
facade marking lighting

General technical principle

This recommendation is made on the basis of a 30 lumen module with a luminous efficiency of 90 to 100 lumens / watts.

The instruction remains indicative and will require, for each letter, a validation and a test of compliance with the performance objectives indicated in this document.

- Temperature: 6500 ° K, cold white
- Power supply: 220 volts
- Converter: 12 volts, constant current
- Module: LEDIT OPTIKA 30 HL1 WDL IP67
- 55 modules
- Power: 16.5 watts
- Area: 0.480 m²
- Luminance: 350 cd / m² with a minimum of 300 Cd/m².
- Light output reduced by 70% after 70,000 hours of operation.
- Minimum guaranteed life: 7 years



facade marking

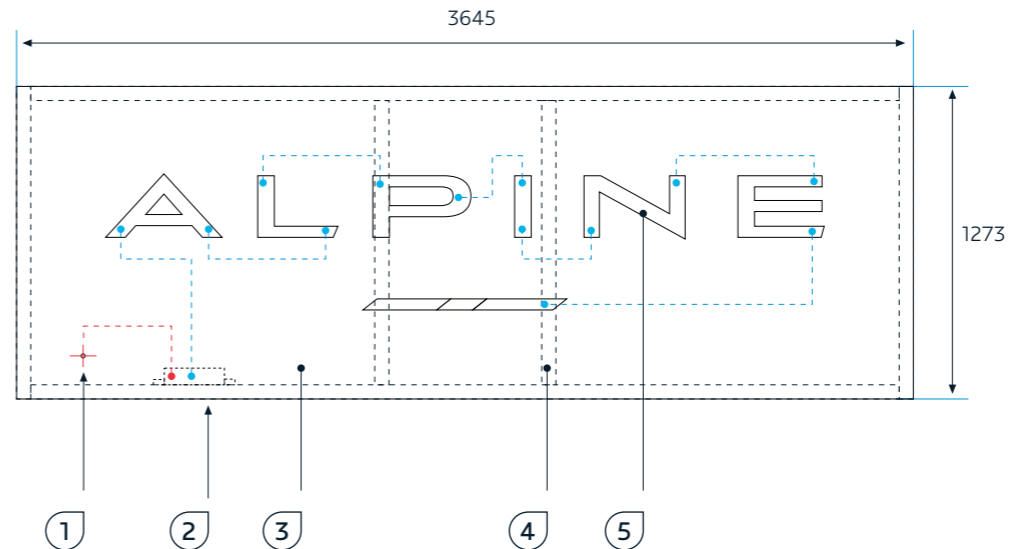
back of the sign

Description

The opposite drawing describes the principle of structure and cladding in sheet metal shelves to be made to place the signature when the electrical supply can only be done at a point requiring the masking of the power cables of each letter (and the flag).

Key

- 1 220 v electric inlet (one point).
- 2 Integrated 12v converter.
- 3 Covering of the structure in 20/10 aluminum sheet metal with 4 flanged edges, Pantone 296 C blue lacquered in satin finish, made in a single panel.
- 4 Welded structure in raw aluminum profile. Resumption on masonry or cladding by stainless steel screws.
- 5 Illuminated lettering in letters-box fixed on the aluminum face.



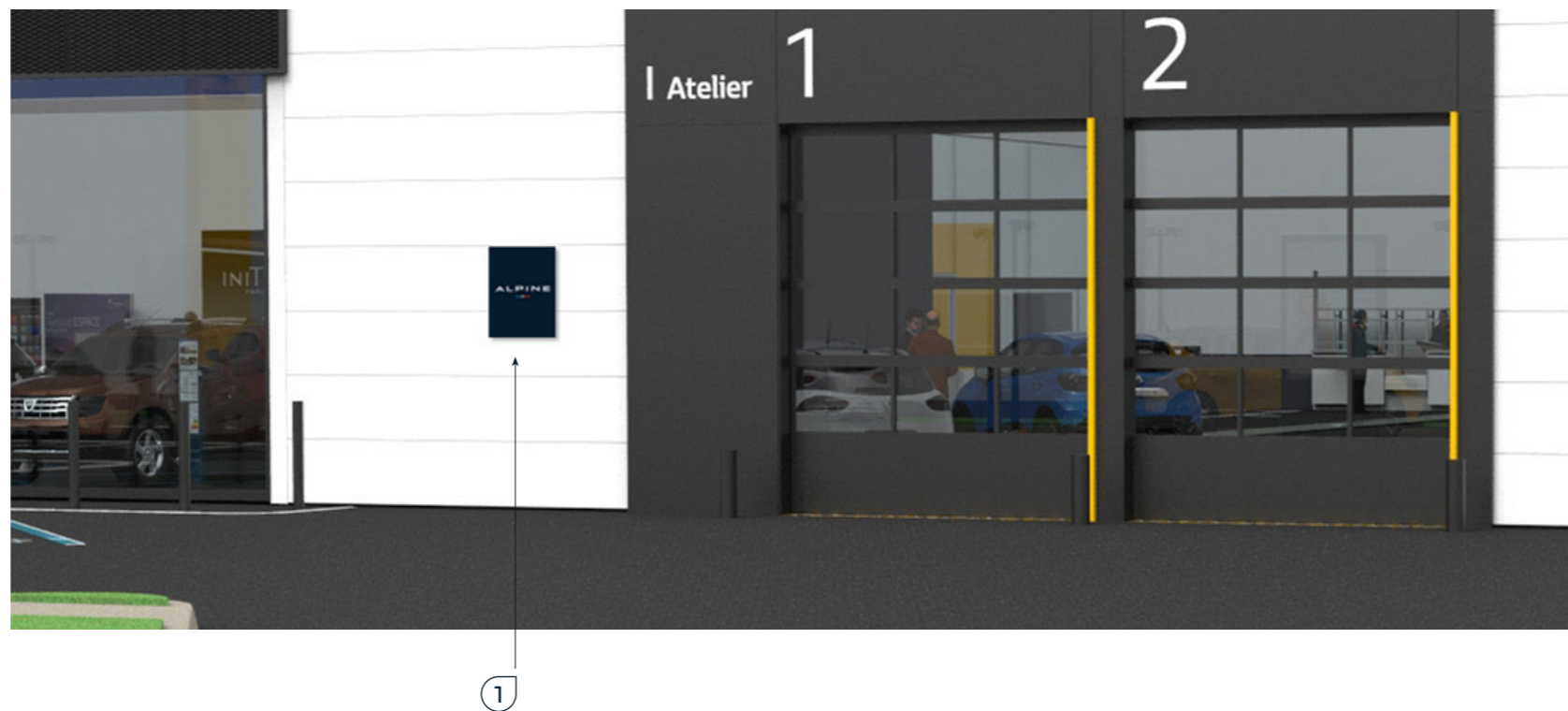
Service plate 600x750 mm situation view

Presentation

The Alpine Service plate is located close to the workshop window on the front main concession.

Key

1. the Alpine Service plate.



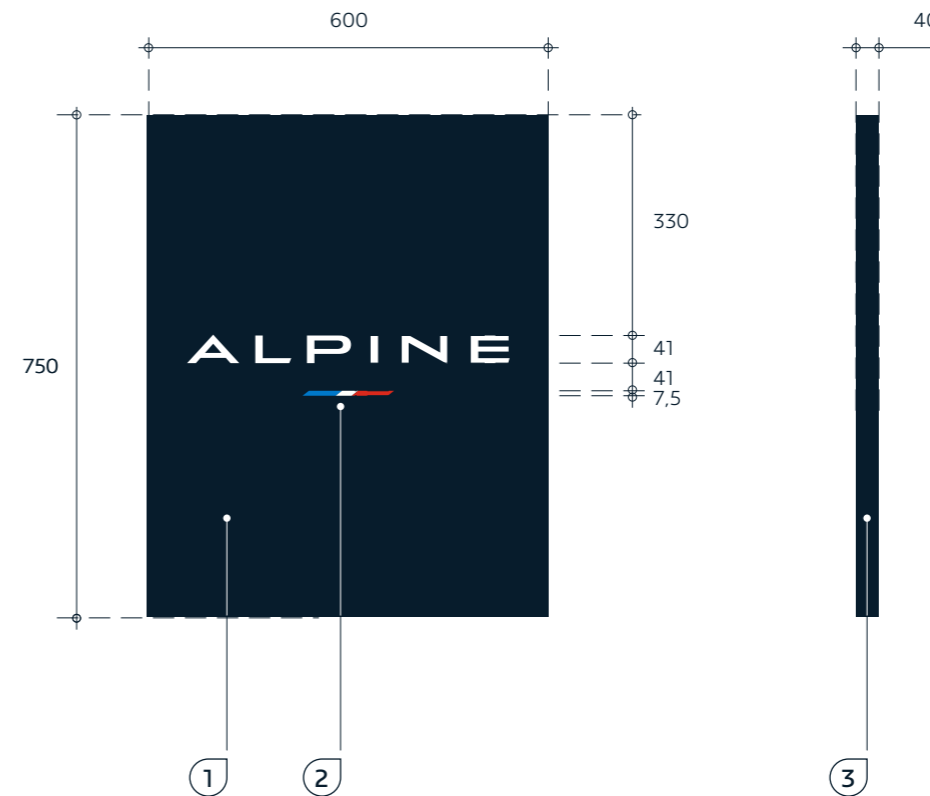
Service plate 600x750 mm dimensions

Description

Non-illuminated plate made of shelf sheet metal.
Direct fixing to the wall by stainless steel screws.
Dimensions: l.600 x h.750 x thickness 40 mm.

Key

- 1 Front in Pantone 296 C blue lacquered aluminum in satin finish.
- 2 Alpine lettering cut out of white adhesive in matt finish.
Adhesive tape printed in 3 colors.
- 3 Pantone 296 C blue lacquered aluminum edges in satin finish.



Service plate 1200x1200 mm situation view

Presentation

The 1200x1200 mm Service plate is used in multi-brand sites. It is aligned with the upper part of the workshop bays, allowing the Alpine service to be quickly identified.

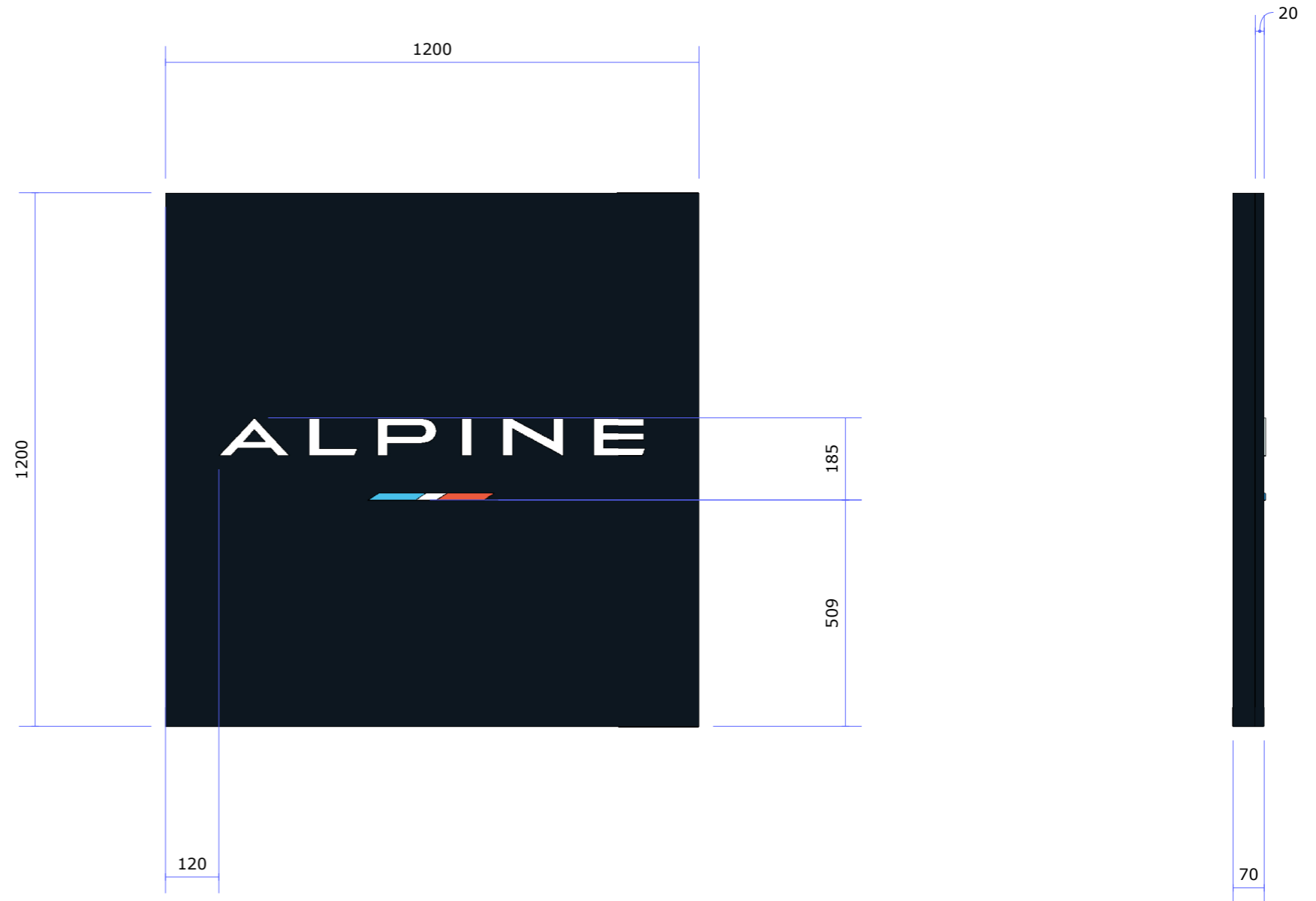
The plates are aligned according to a rhythm and a precise rule.



Service plate 1200x1200 mm

description

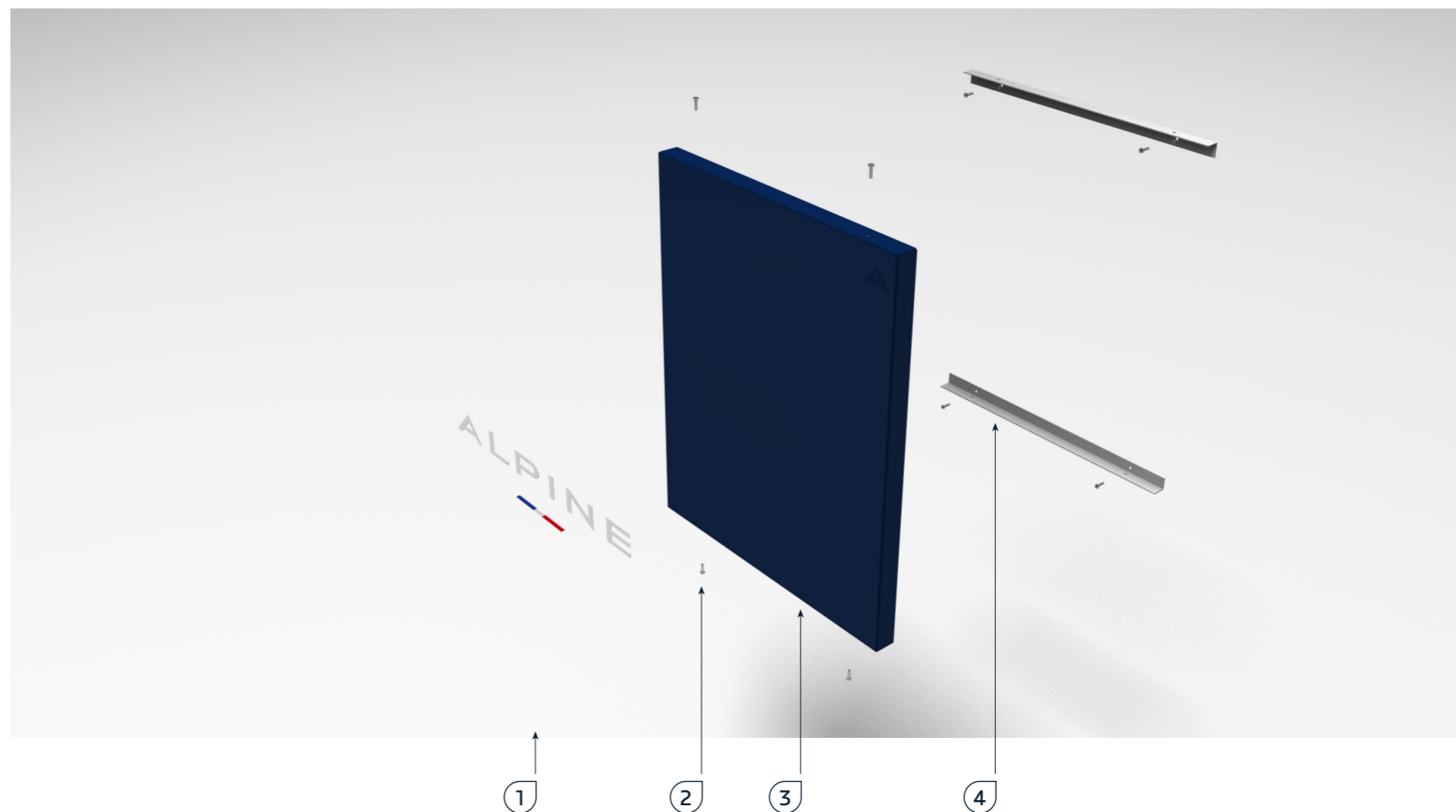
1. Front in Pantone 296 C blue lacquered aluminum in satin finish.
2. Alpine lettering die-cut in white adhesive in matte finish.
3. Pantone 296 C blue lacquered aluminum edges in satin finish.



Service plate 600x750 and 1200x1200 general exploded view

Key

1. Alpine lettering cut out of white adhesive in matte finish. Tape printed in 3 colors.
2. Stainless steel screws.
3. Front in Pantone 296 C dark blue lacquered aluminum with 90° flanged edges.
4. L-shaped aluminum profile for connection to the wall via stainless steel screws.



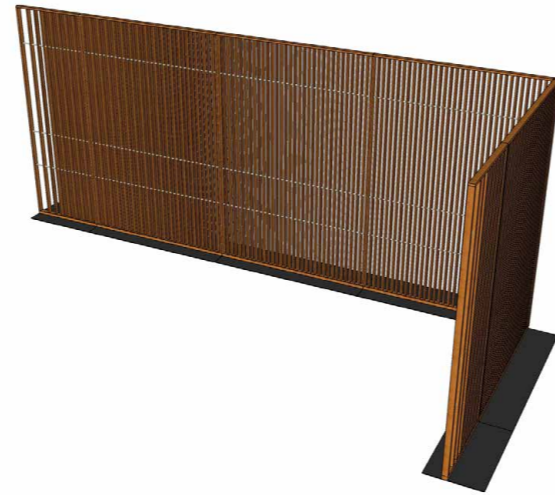
3.1

Interior components

Components 1



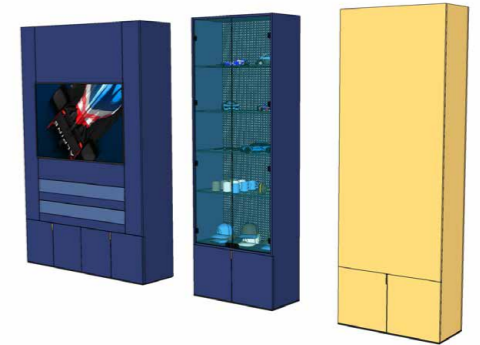
Sales area Large



Wooden fence



Indoor totem



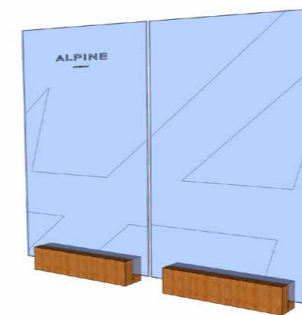
Configurator



Sales area Small



Fresco



Transparent fence



Display price

Components 2



Delivery / Administration - Small



Co-working table - Small



Merchandising showcase - Small



Trolley
Delivery / Administration



Delivery / Administration - Large



Co-working table - Large



Merchandising showcase - Large



Lounge - Small



Lounge - Large / connected

colors & materials

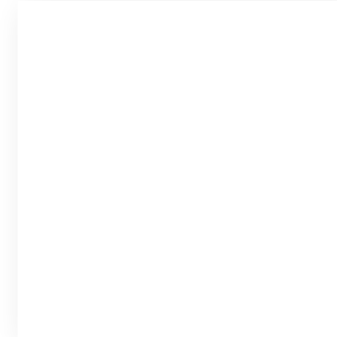
interior components



dark blue
• lacquered epoxy paint
• laminate
Pantone 296 C



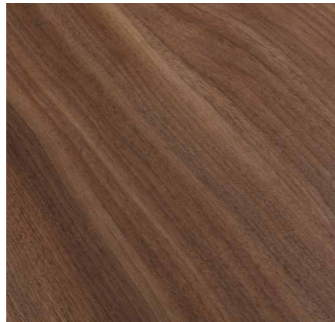
blue (emblem)
Pantone 3005 C



pur white (emblem)
RAL 9001



red (emblem)
Pantone 485 C



walnut laminate
Unilin Aneto Walnut H581



glass or PMMA
transparent blue cast,
réf. Altuglas 100-13010



lacquered epoxy paint
RAL 7043
frosted matte finish



lacquered epoxy paint
RAL 7021
satin finish

3.2

The technical principles interior components

the universal box

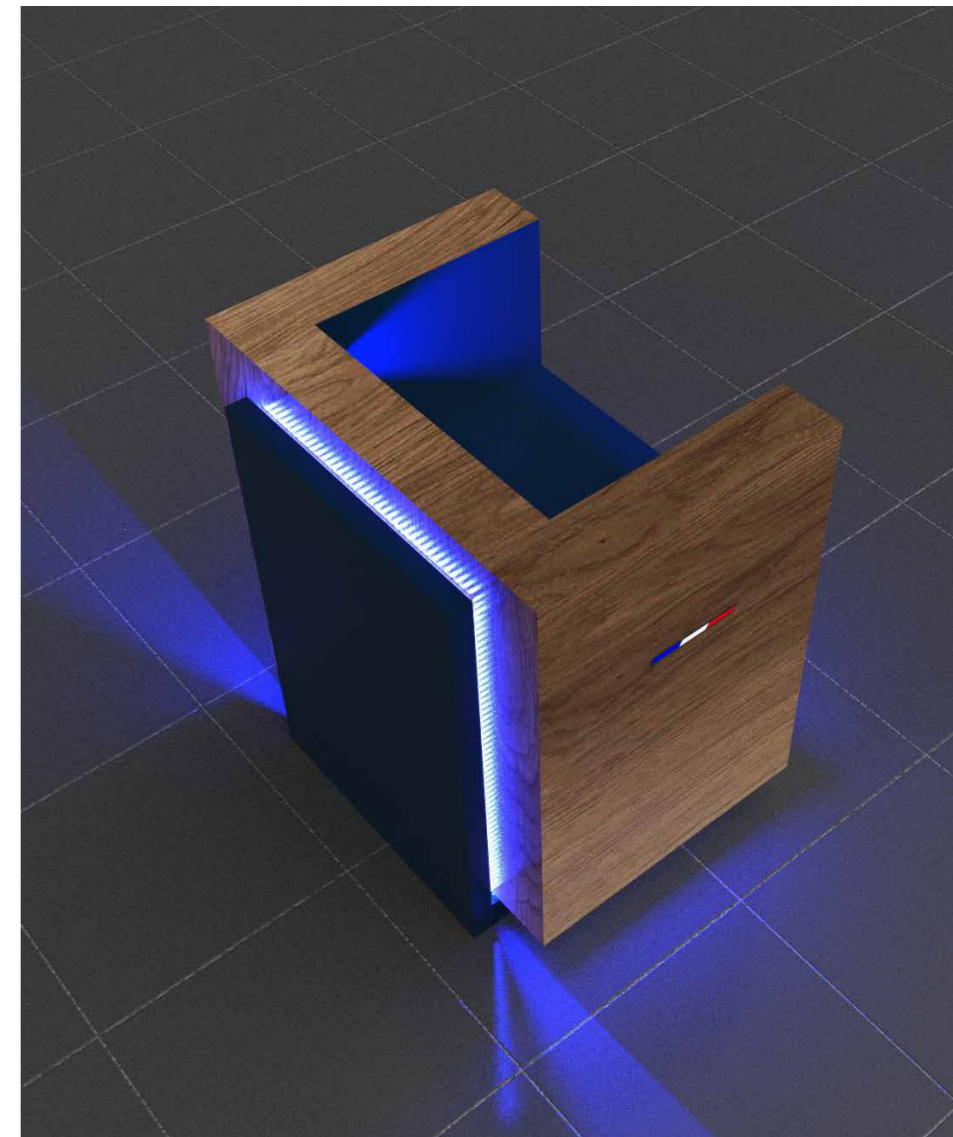
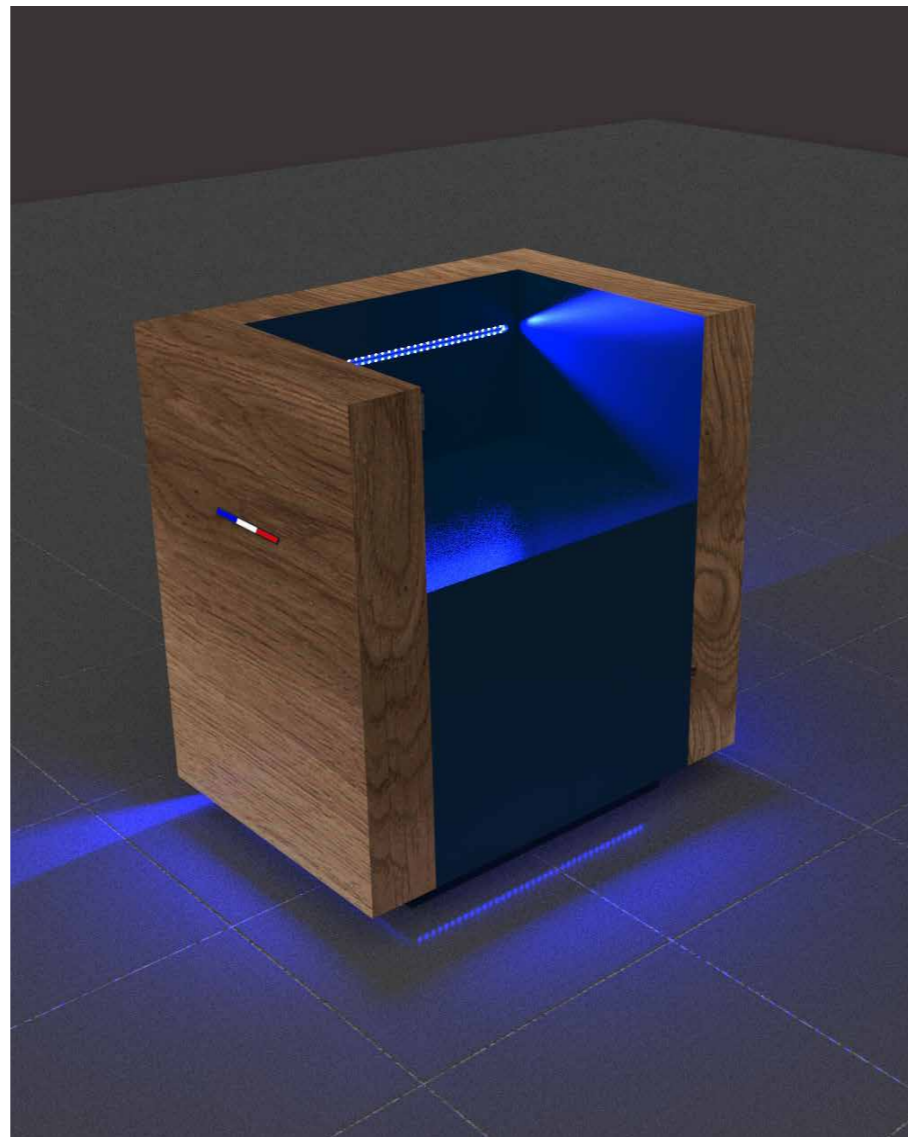
situation view

This box is the cornerstone of the Alpine Center EVO furniture.

Its scalable architecture makes it possible to adapt to space constraints and needs.

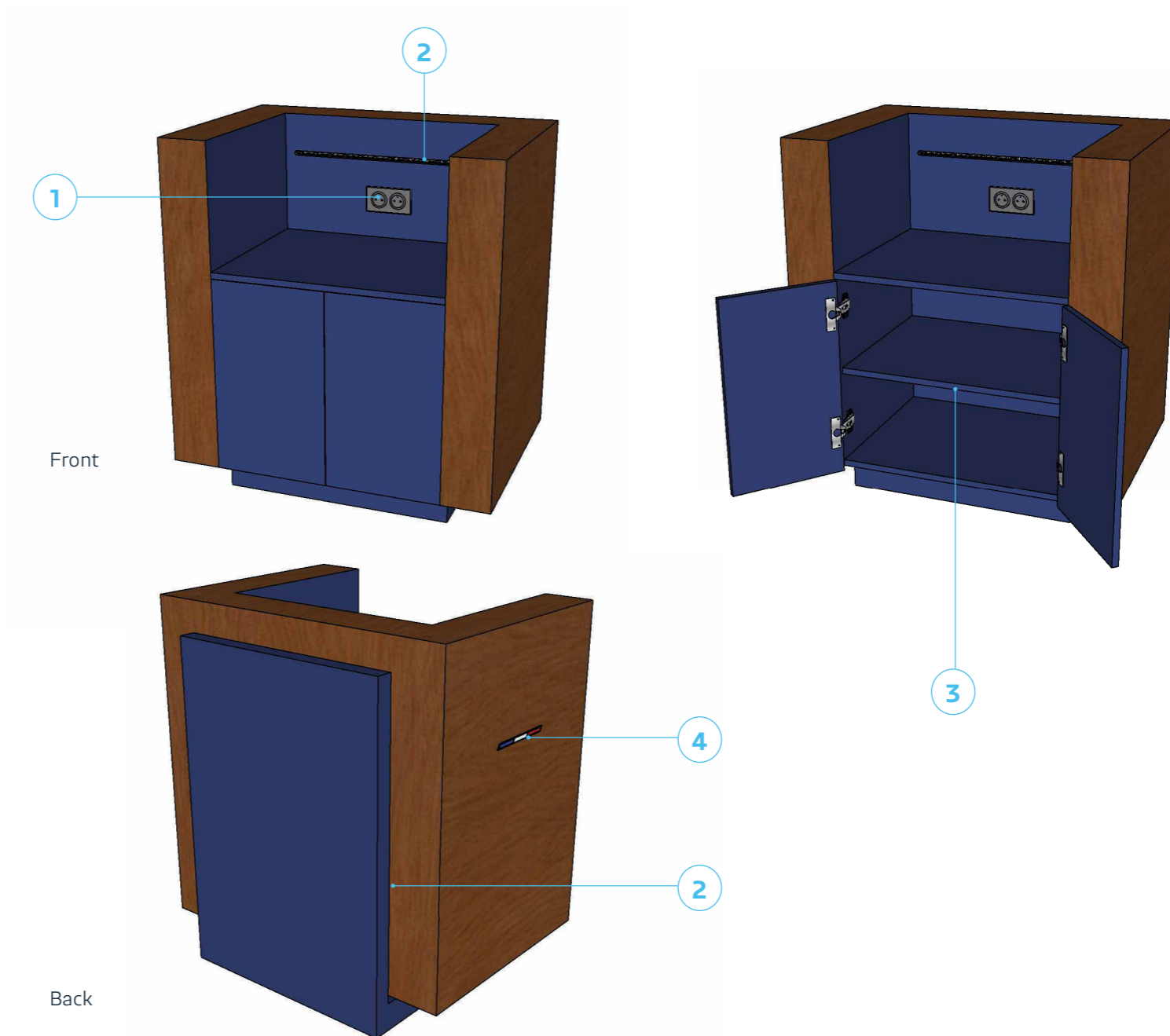
It is declined for:

1. furniture admin / delivery
2. Windows
3. co-working tables



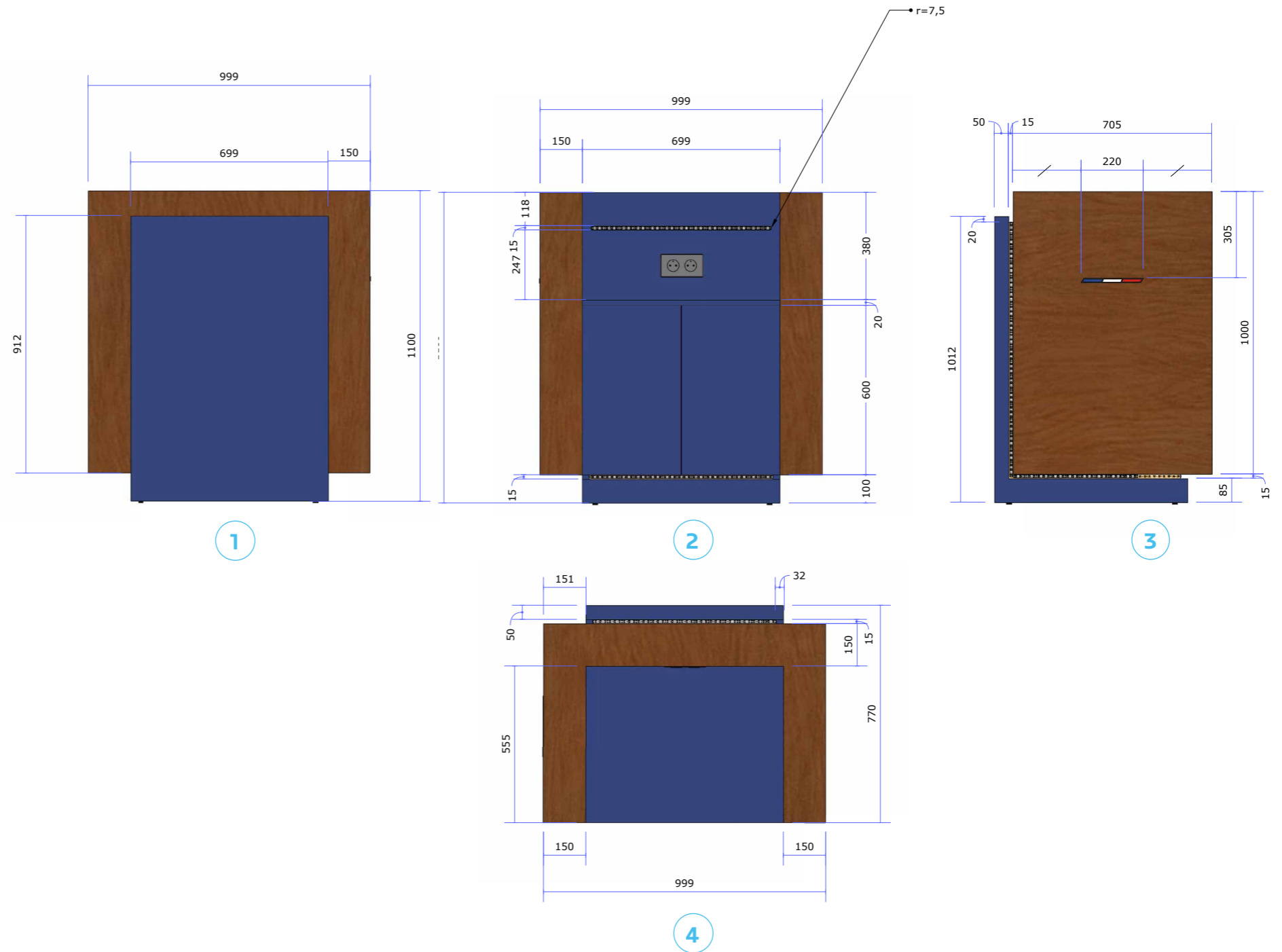
the universal box description

1. 2x 220V sockets
(coffee machine - kettle - copier, PC...)
2. LED ribbon
3. opening storage + shelves
4. crest marking



the universal box dimensions

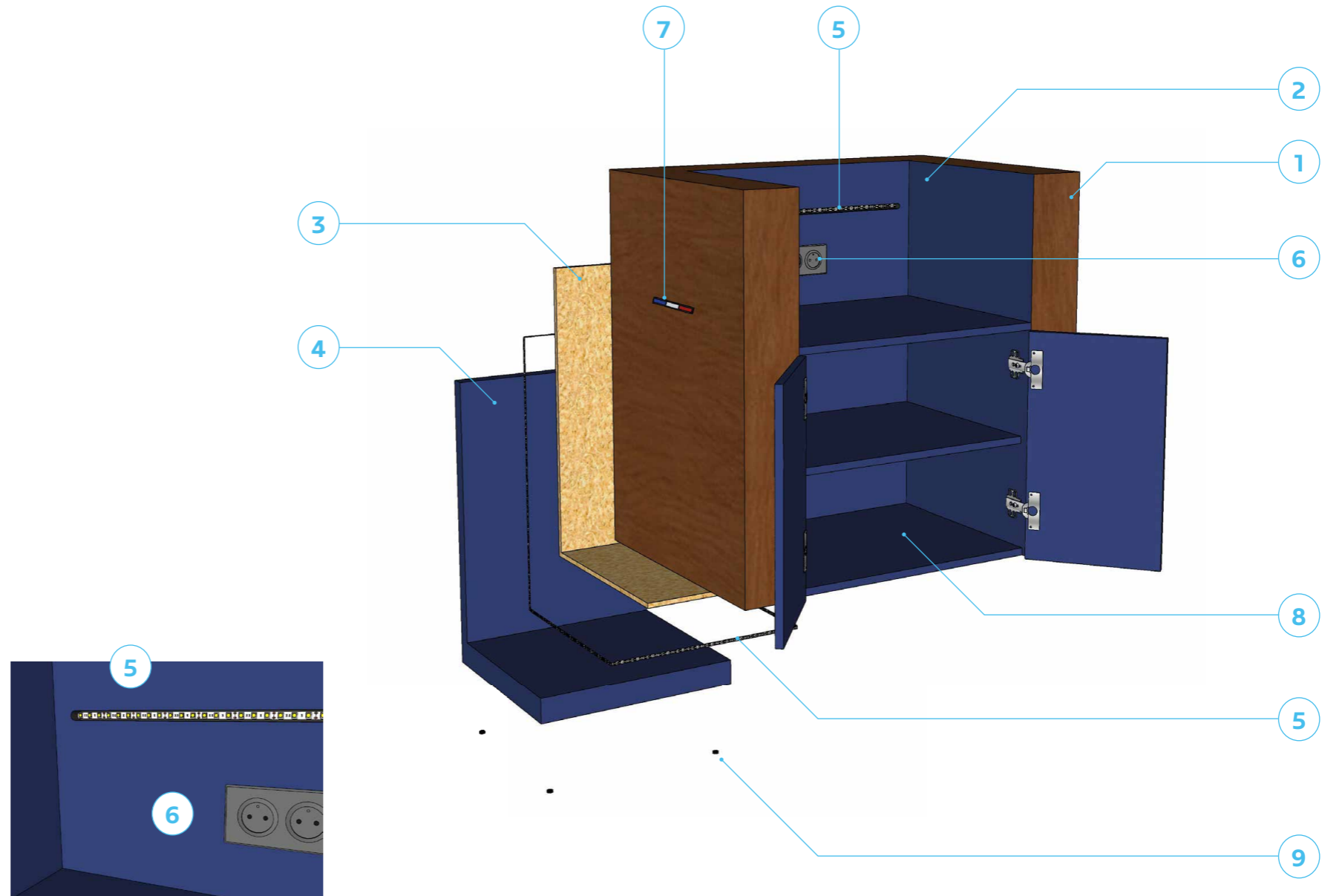
1. back view
2. face
3. left side
4. top view



the universal box

general exploded view

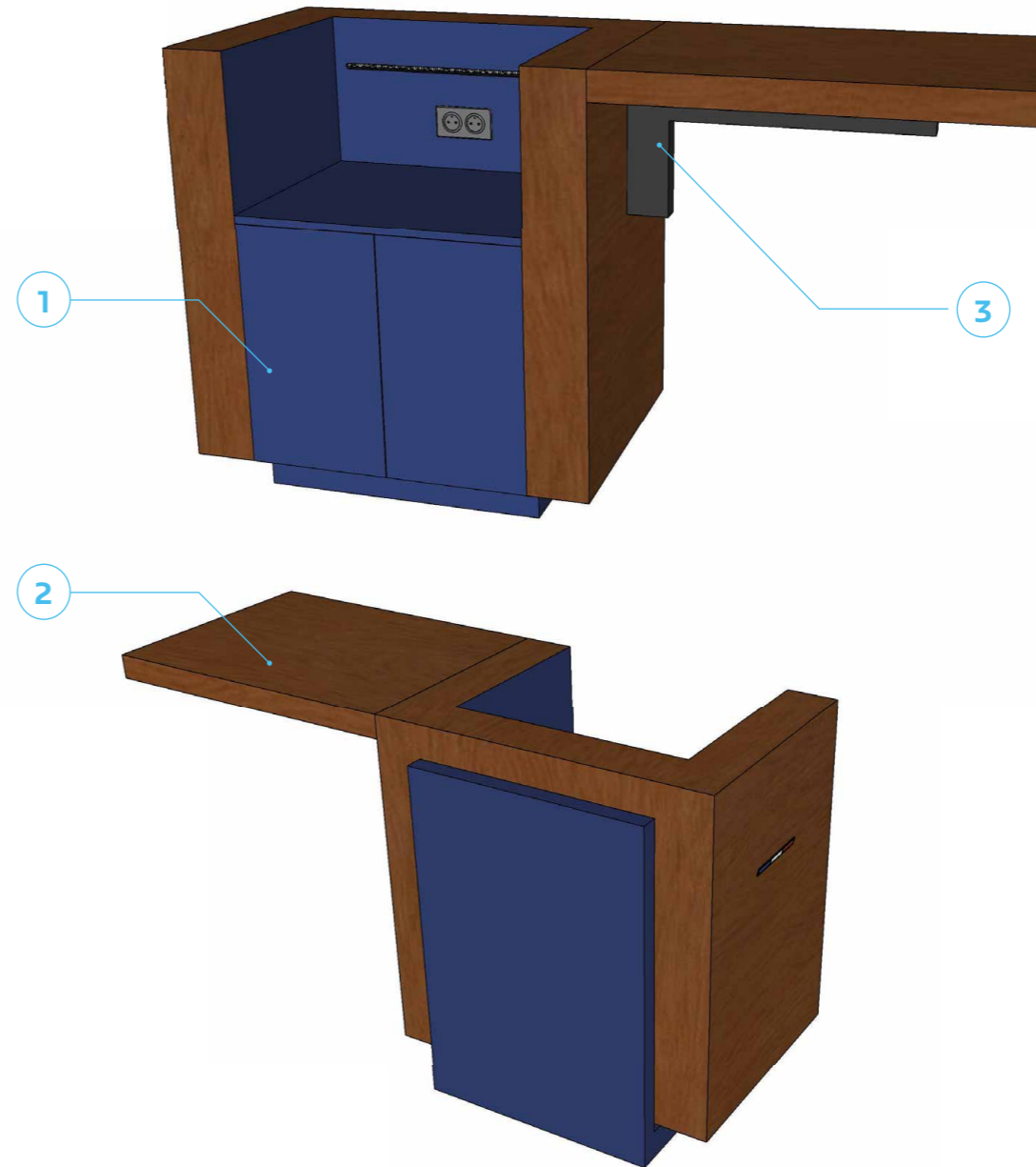
1. walnut laminate cladding
Unilin Aneto Walnut H581
2. midnight blue melamine finish
Pantone blue equivalent 296 C.
3. spacer
4. plinth + back
5. LED strips
6. double 220V sockets
7. crest
8. storage
9. feet



Détails de la lumière traversante

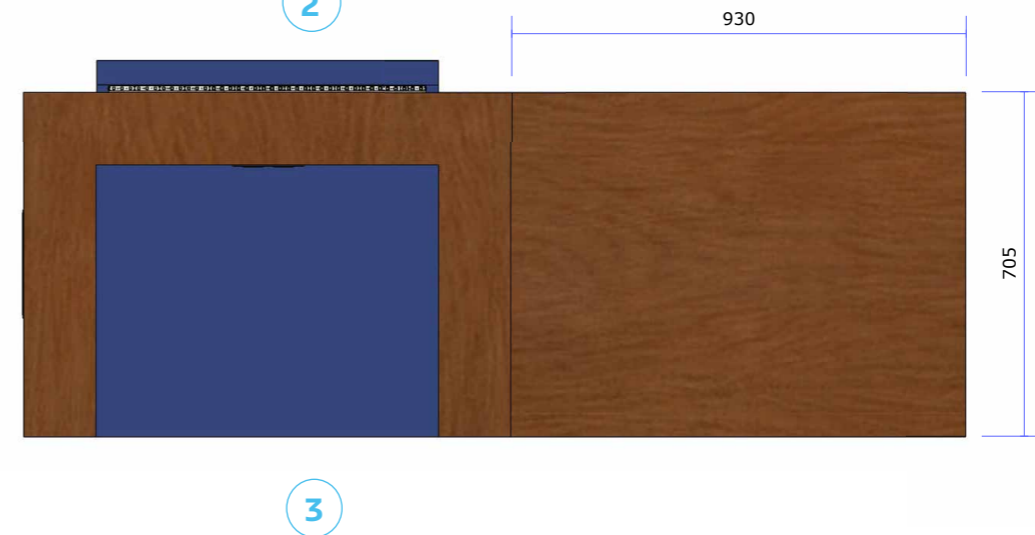
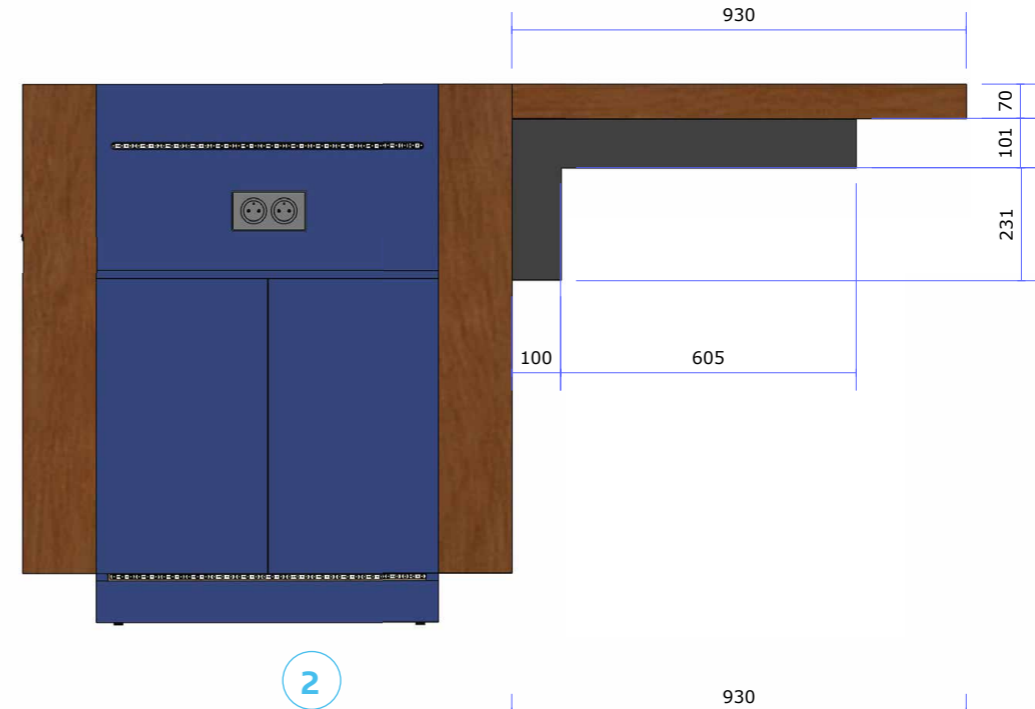
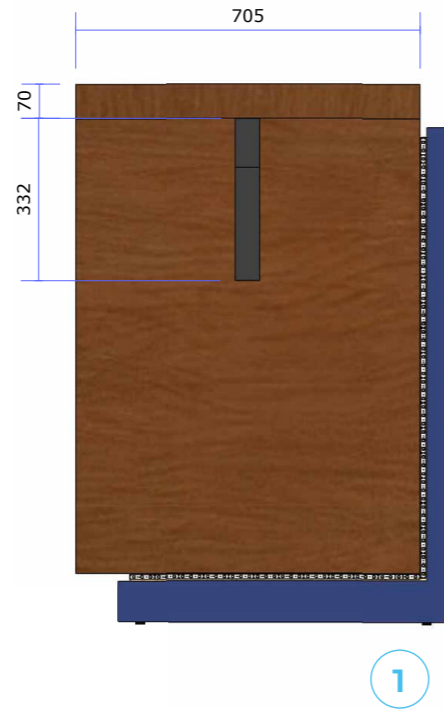
the universal box - Large description

1. Same description as the universal box
2. Plateau
3. Reinforcement bracket

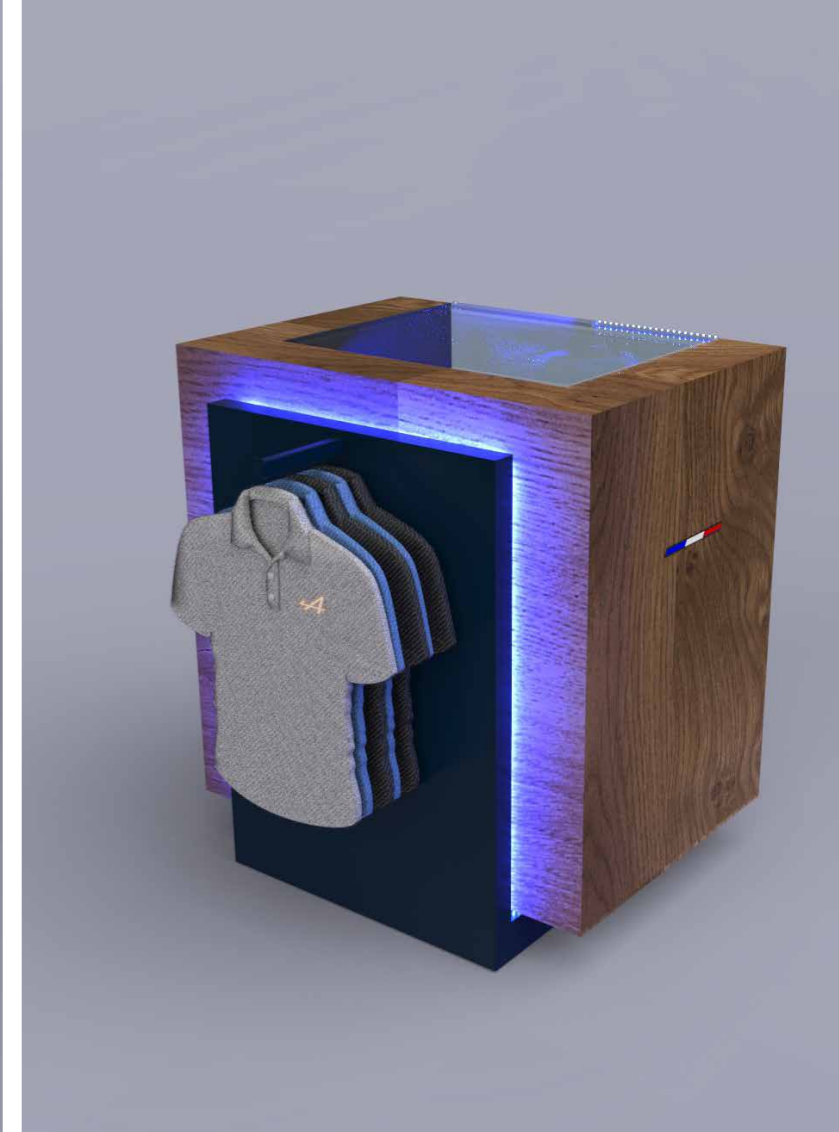
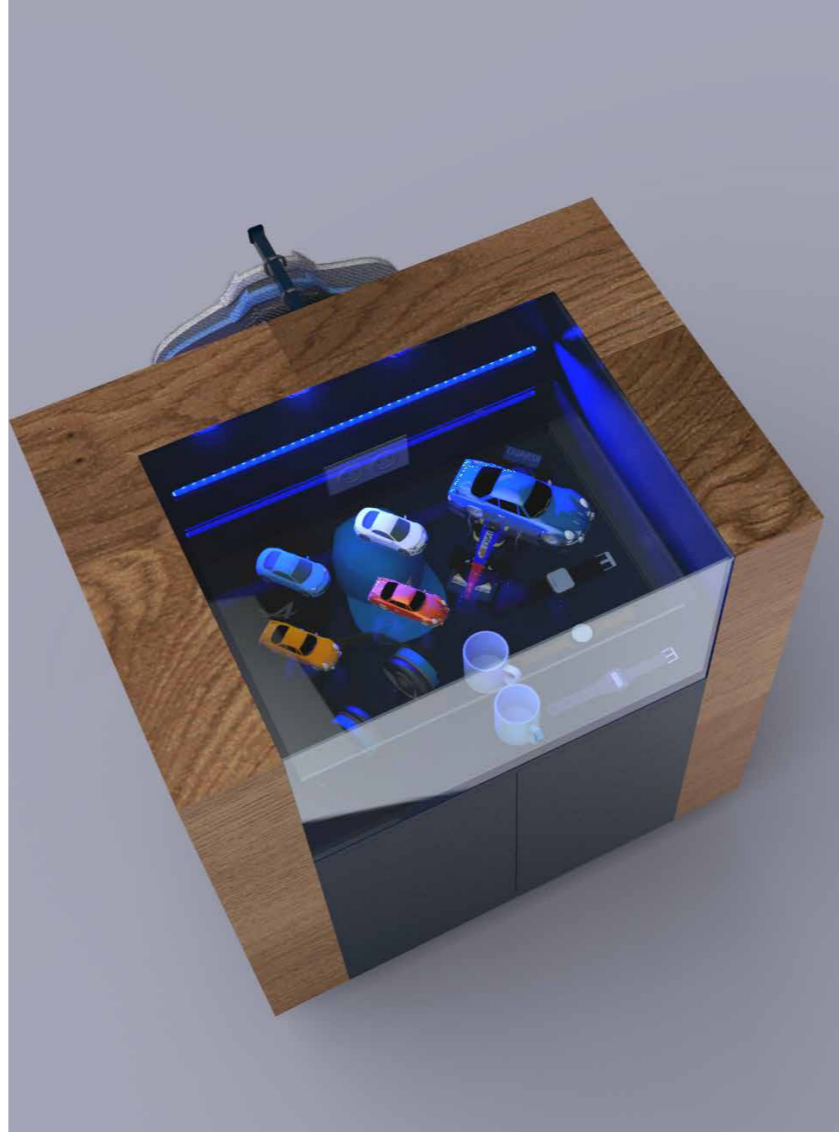


the universal box - Large dimensions

1. right side
2. front view
3. top view

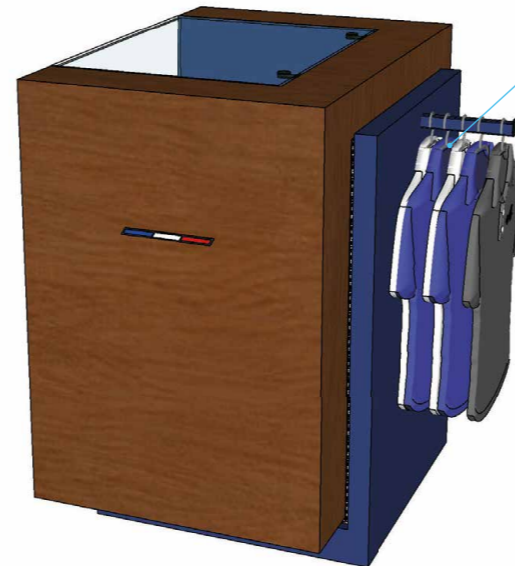
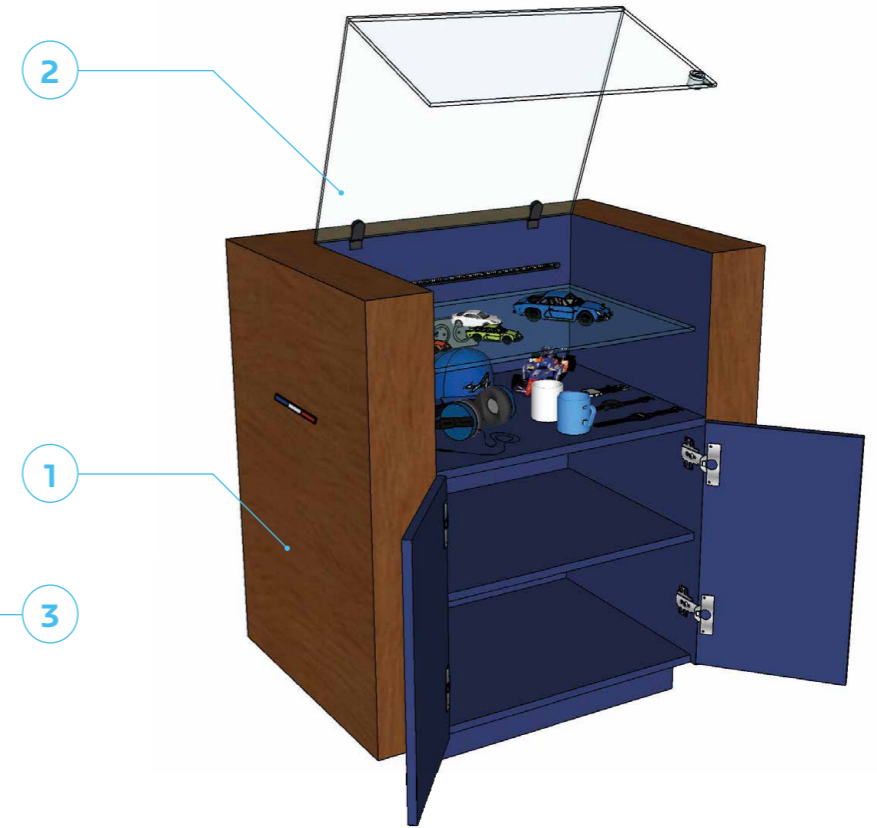


showcase - Small
situation view



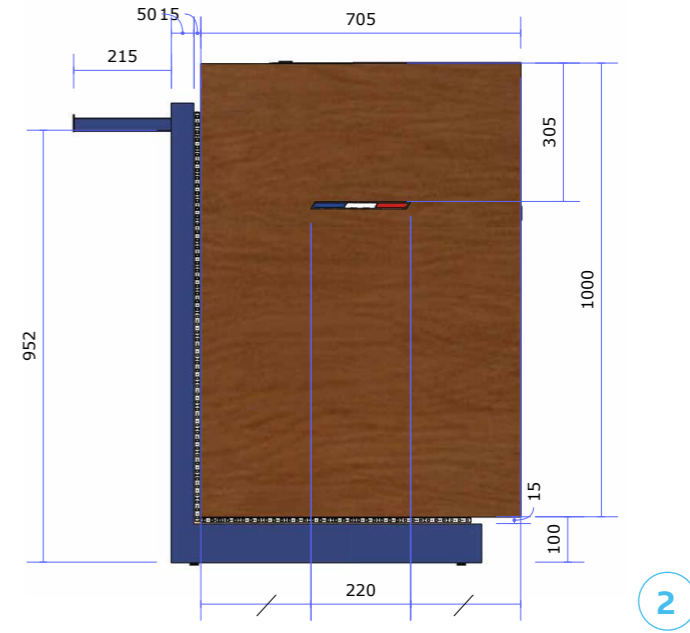
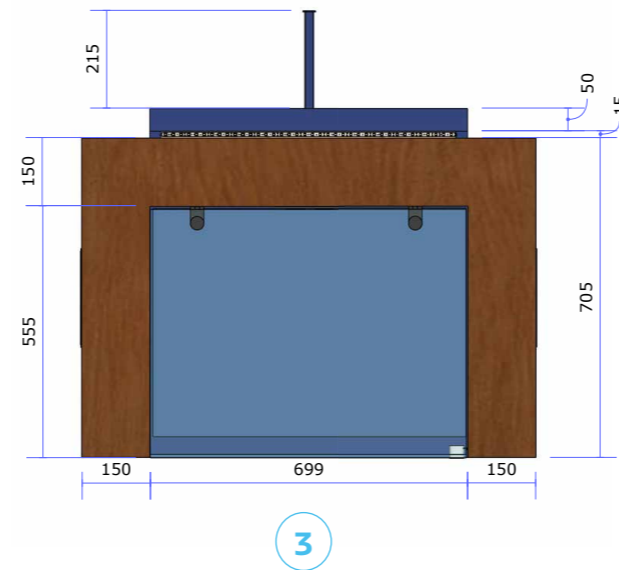
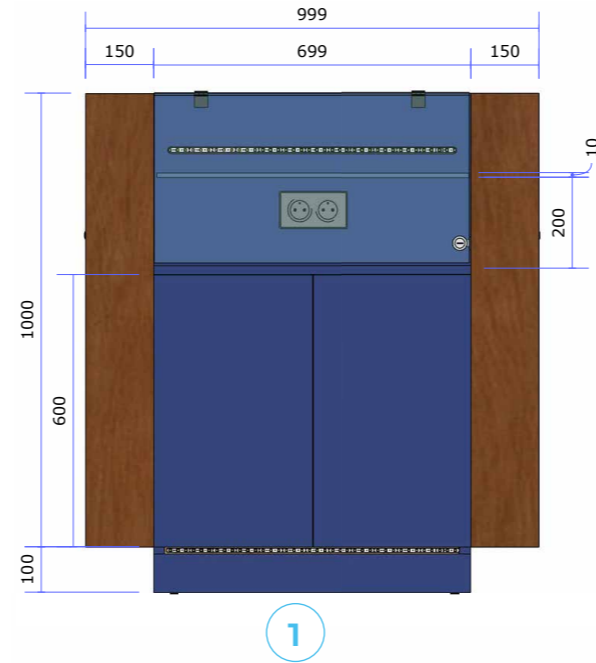
showcase - Small description

1. Same description as the universal box
2. clear glass or PMMA cover
Secure closure (keys or badge)
3. Door hangers



showcase - Small dimensions

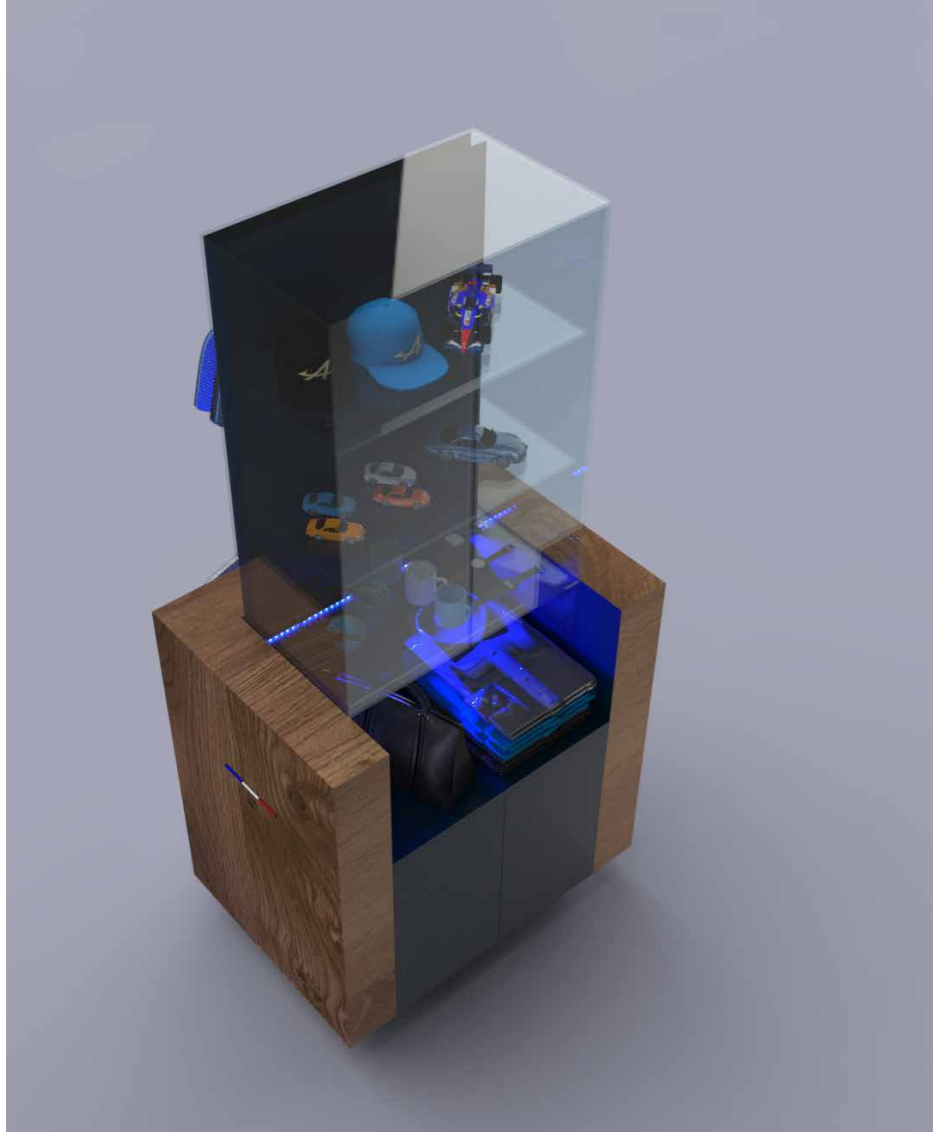
1. face
2. left side EVO
3. top view



showcase - Large
situation view

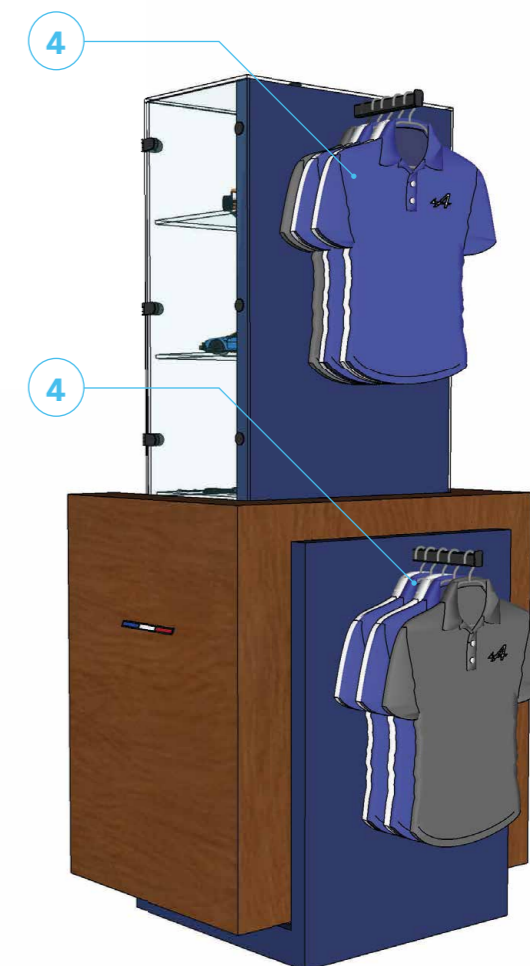
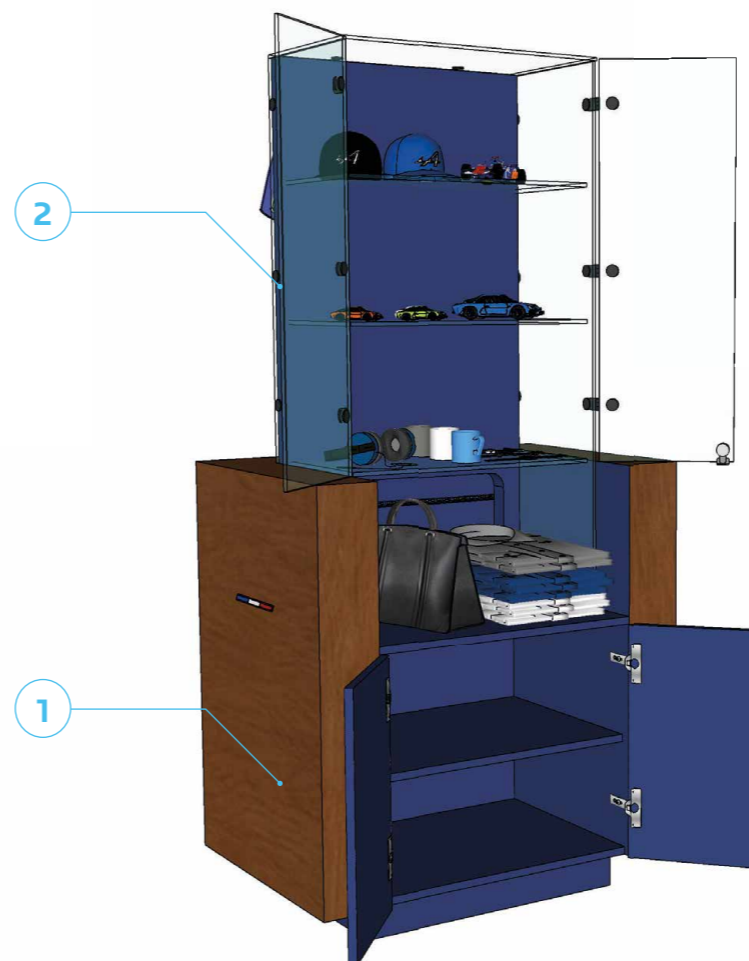


showcase - Large
situation view



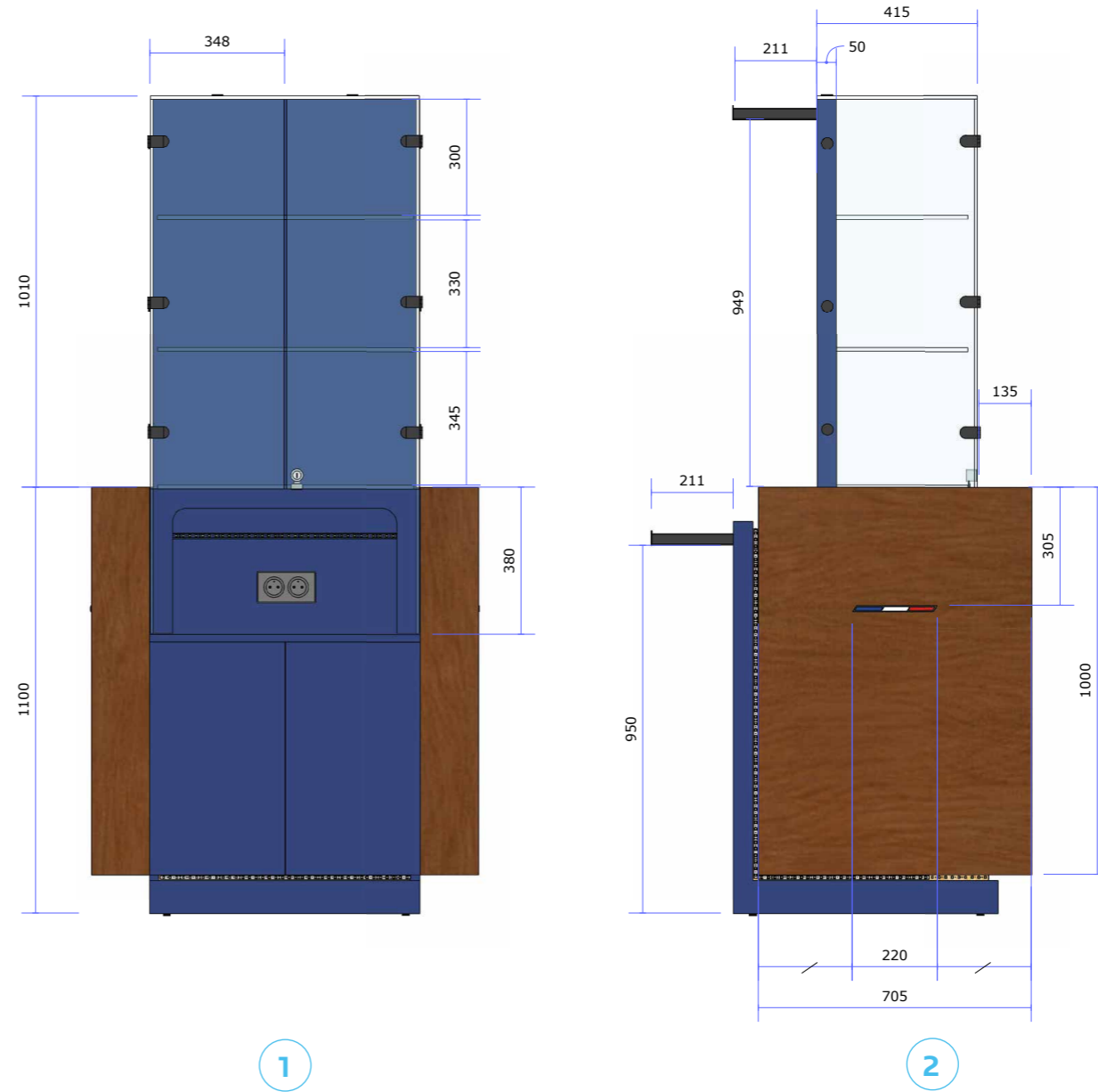
showcase - Large descriptif

1. Same description as the universal box
2. Showcase in clear glass or PMMA
Secure closure (keys or badge)
3. glass shelves
4. Door hangers



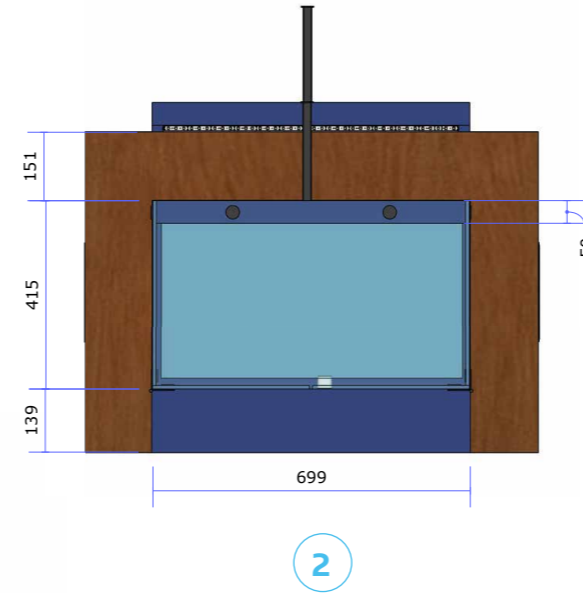
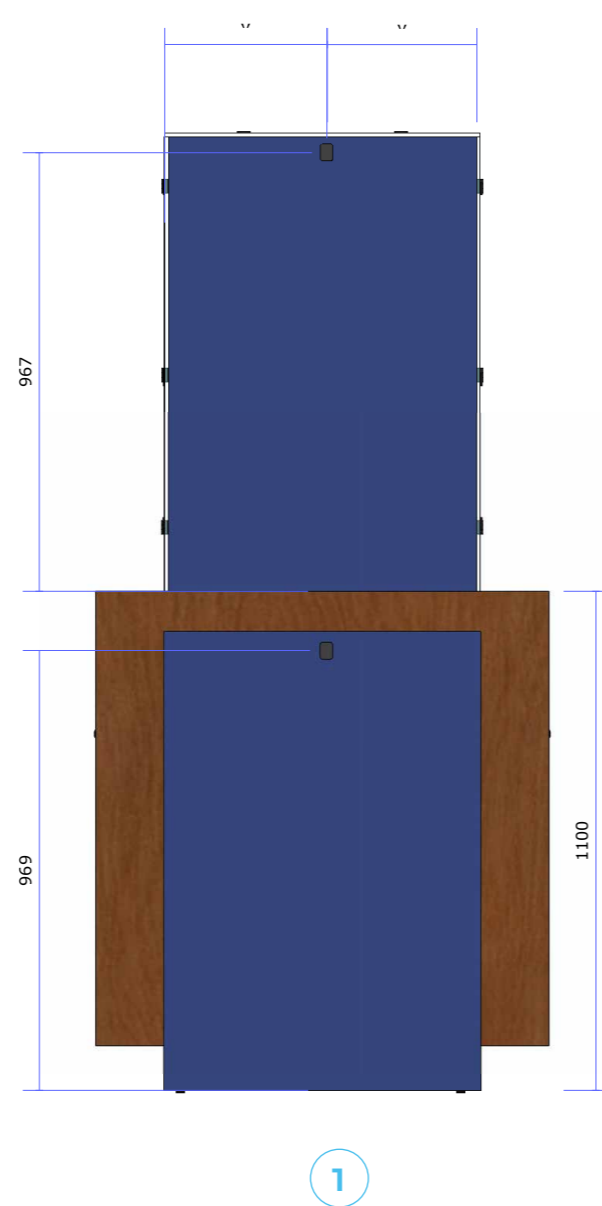
showcase - Large dimensions 1

1. face
2. left side



showcase - Large dimensions 2

1. back view
2. top view
3. assembly principle

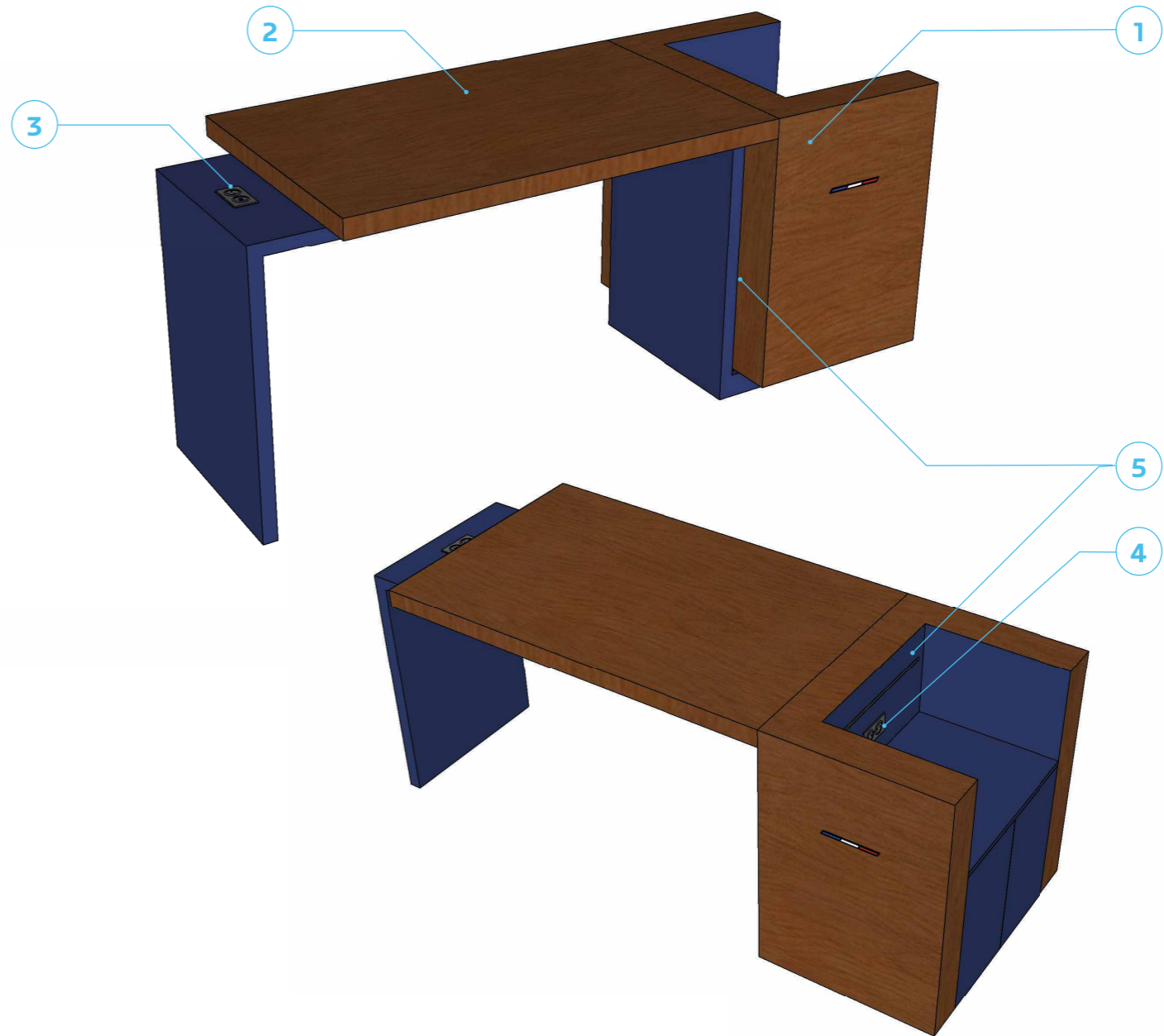


co-working table - Small
situation view



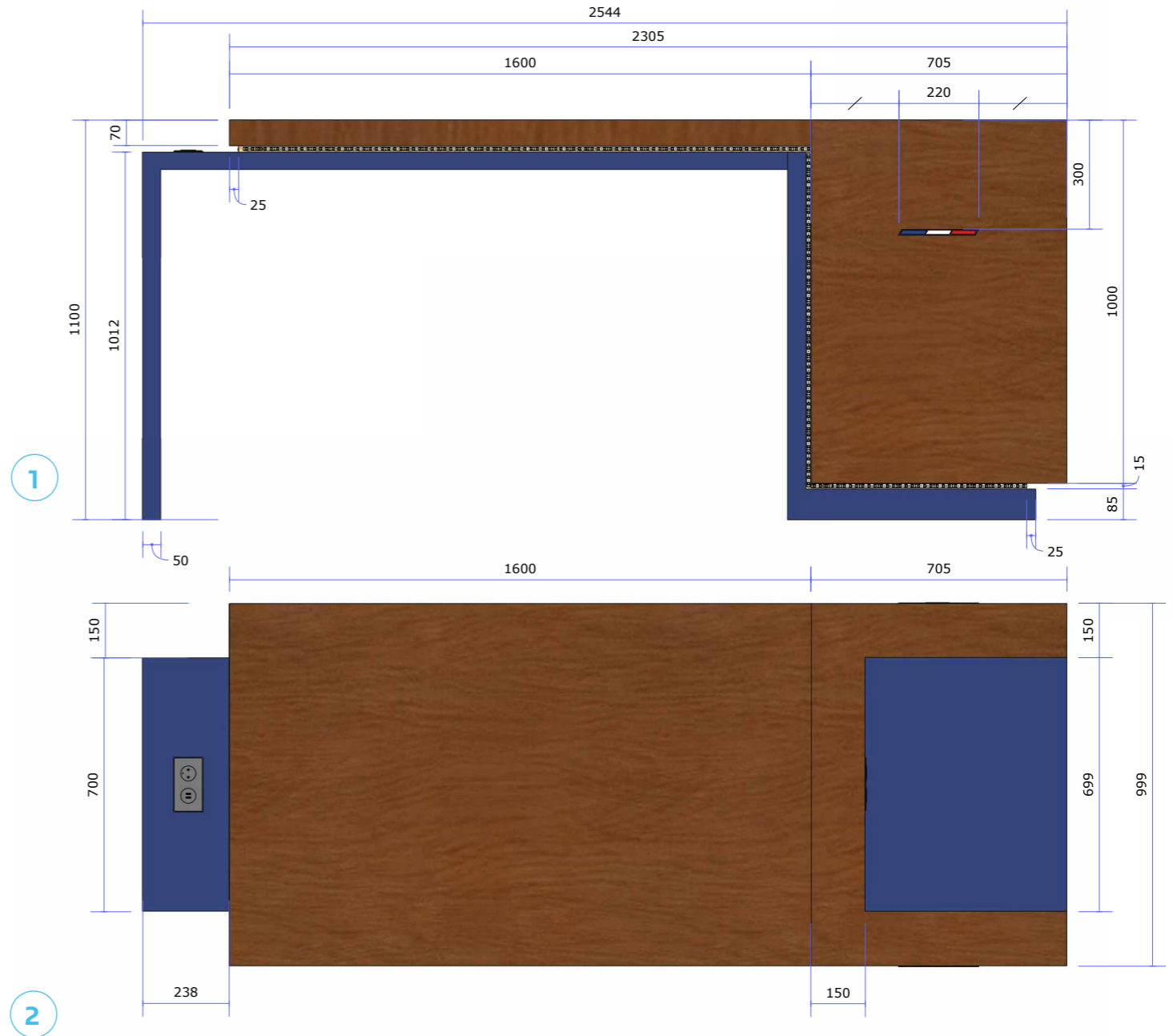
co-working table - Small description

1. Same description as the universal box
2. Plateau
3. 220V socket + 2x USB
4. Double 220V socket
5. LED strips



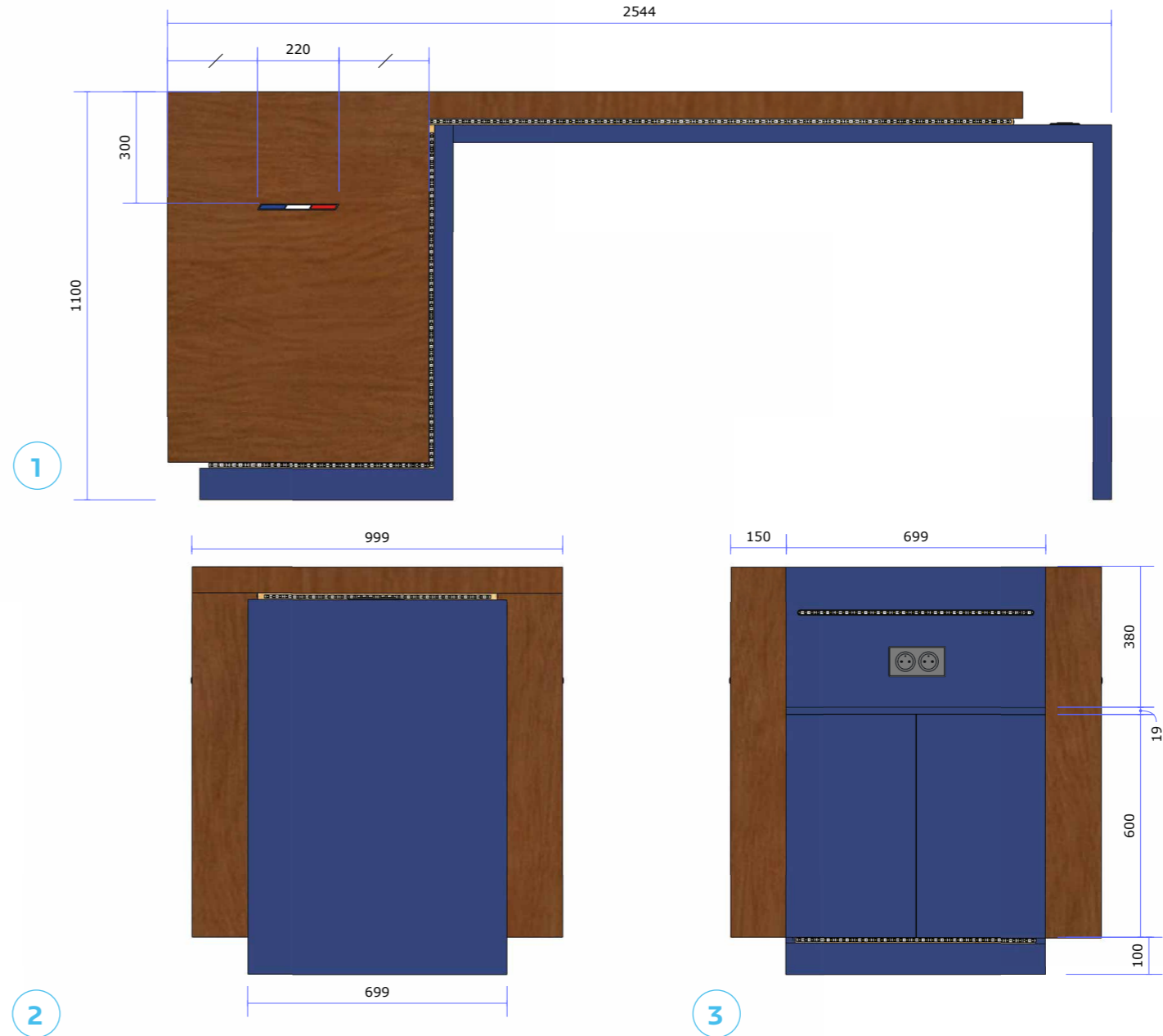
co-working table - Small dimensions 1

1. front view
2. top view



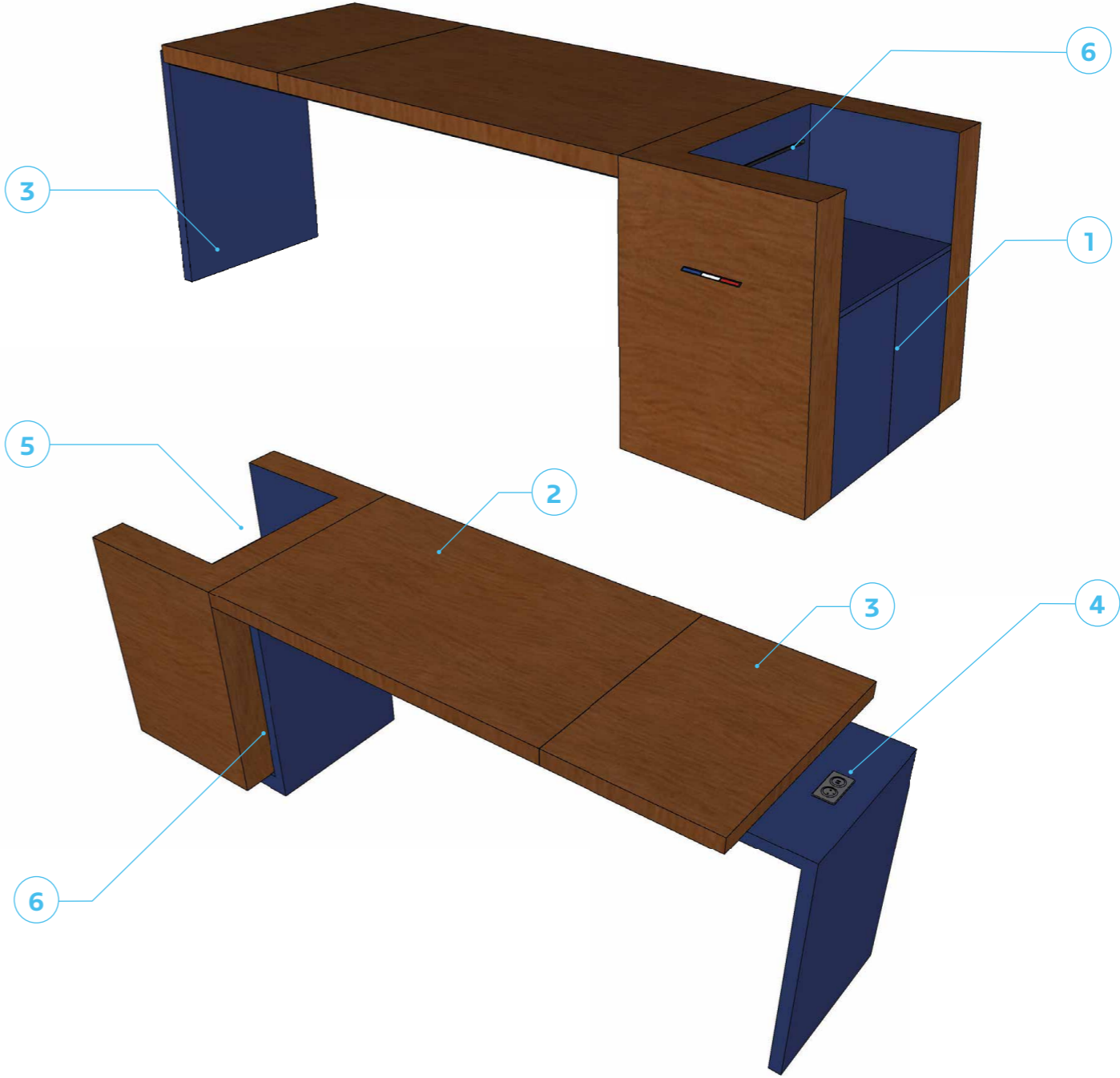
co-working table - Small dimensions 2

1. front view
2. right view
3. left view



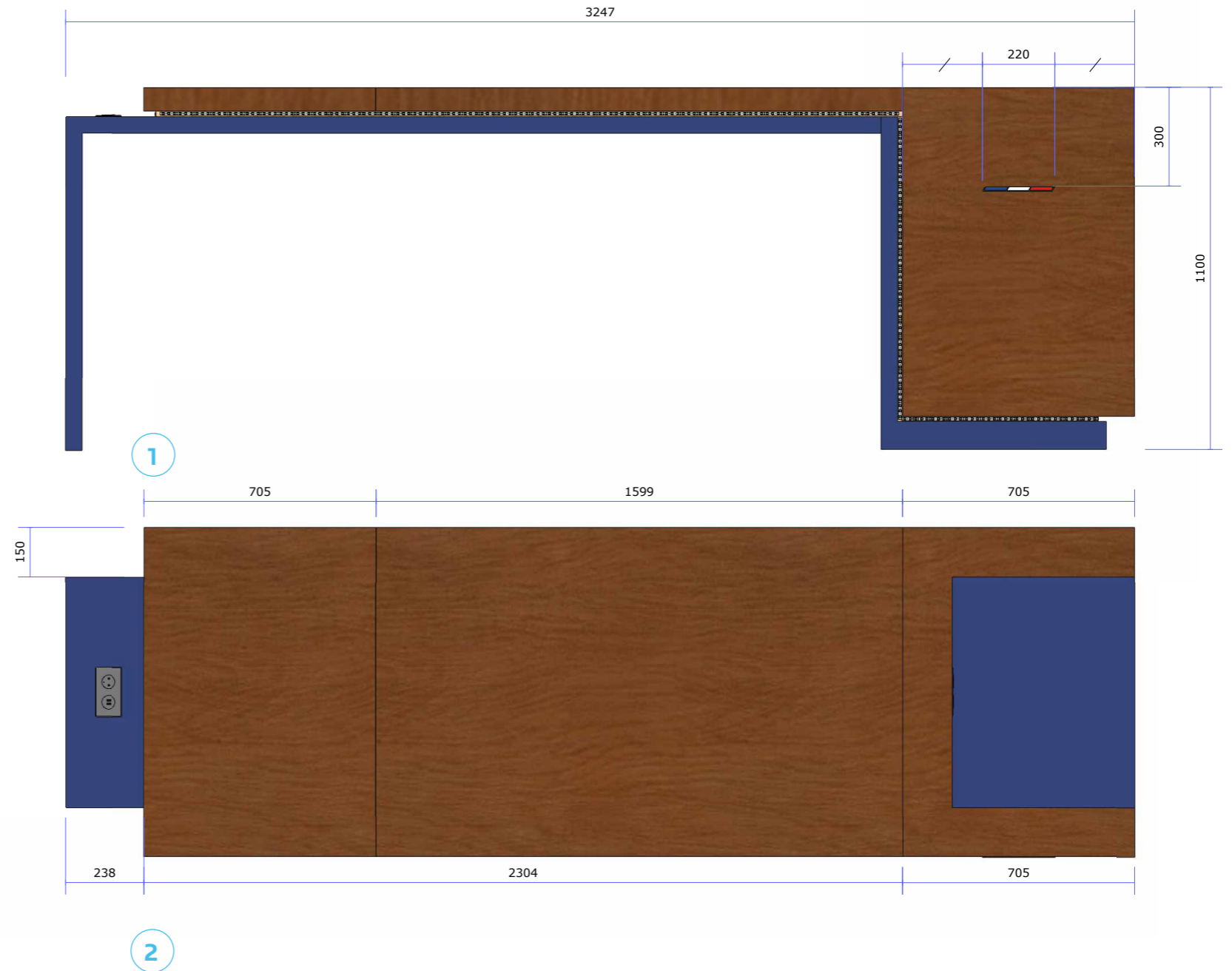
co-working table - Large description

- 1. Same description as the universal box
- 2. Plateau
- 3. Tray +
- 4. 220V socket + 2x USB
- 5. Double 220V socket
- 6. LED strips



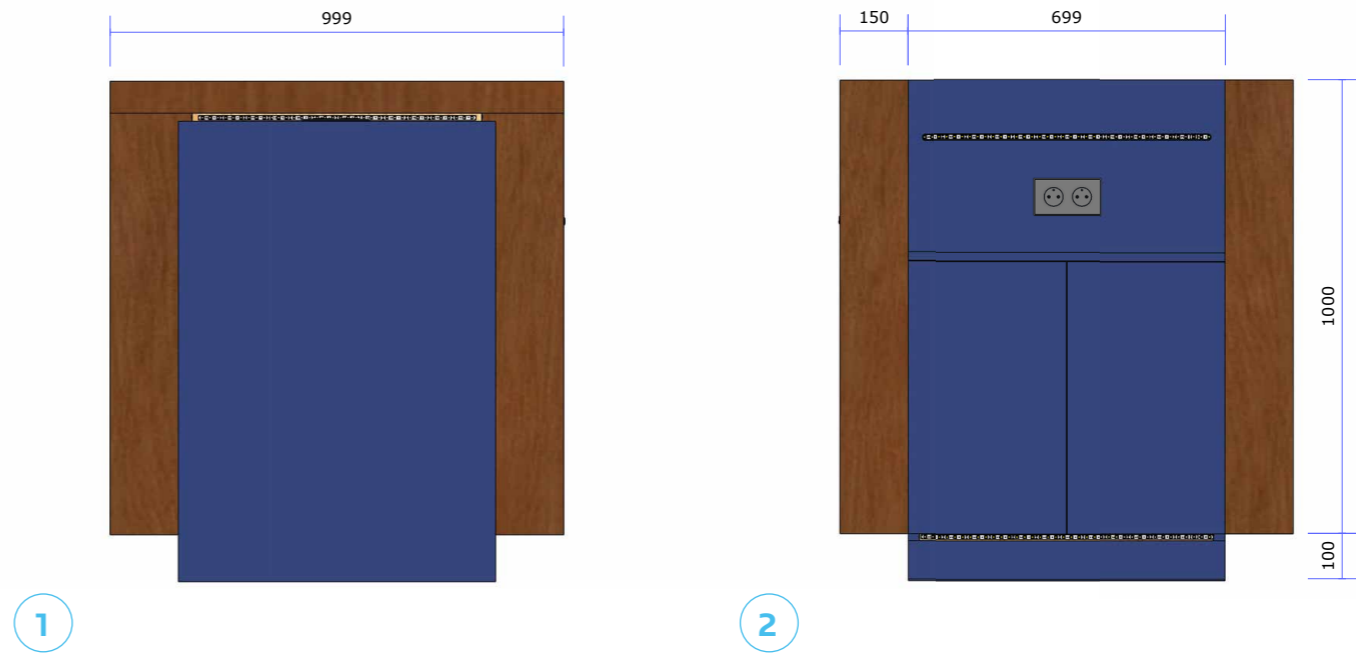
co-working table - Large dimensions 1

- 1. front view
- 2. top view



co-working table - Large dimensions 2

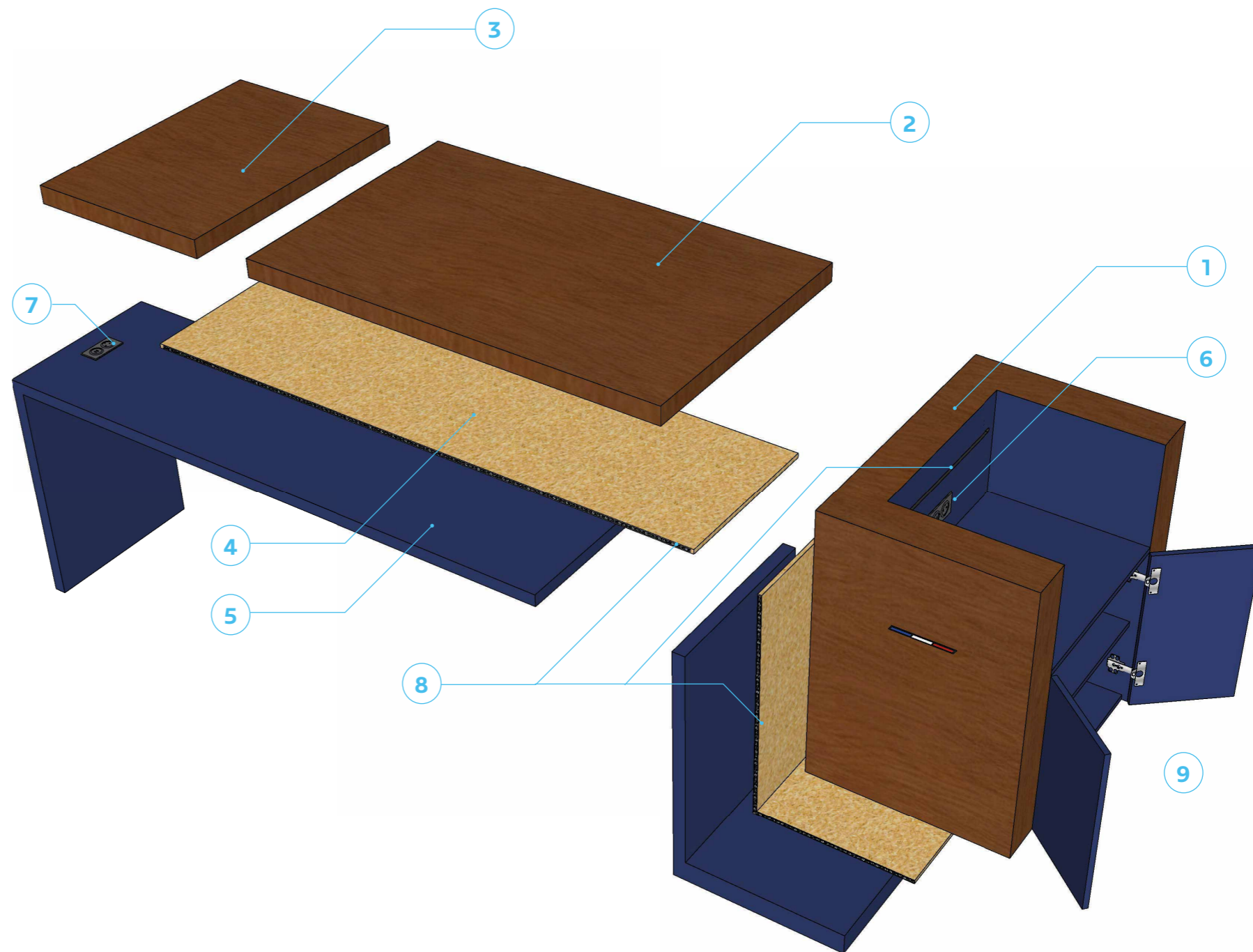
1. right view
2. left view



co-working table

principle exploded view

1. Same description as the universal box
2. Small format top, Unilin Aneto Walnut H581 walnut laminate
3. Large format top+, Unilin Aneto Walnut H581 walnut laminate
4. Spacer 15mm
5. Midnight blue melamine foot
Pantone blue equivalent 296 C
6. Double 220V socket
7. 220V socket + 2x USB
8. LED strips
9. Herbal tea storage or copier consumables



the fresco
situation view



the fresco presentation

Description

The frescoes include a large format visual printed on canvas stretched over a wooden frame aluminium section.

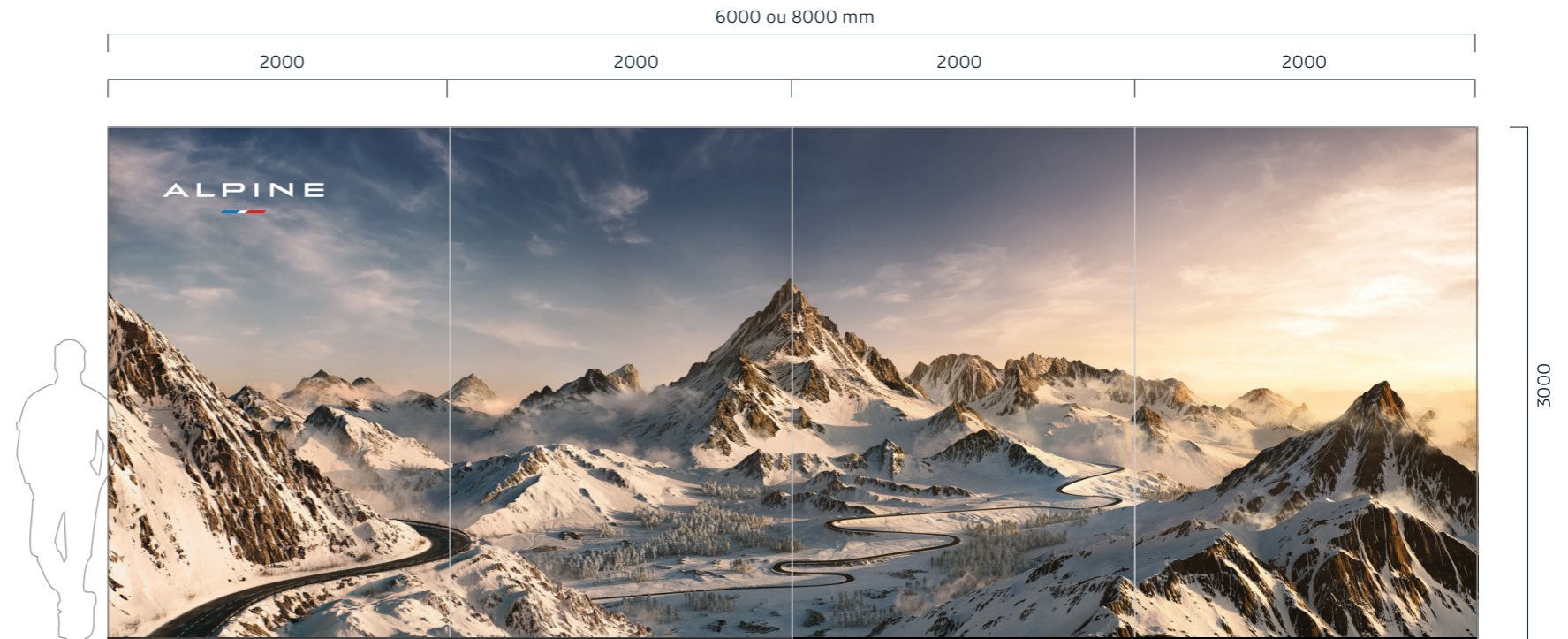
In order to facilitate the installation and transport of frescoes, the visual is cut into 2 m modules wide offering 2 variants: visual of 6 m or 8m

The visual is made in digital printing on a thick matte finish canvas minimum of 135 g/m2.

The profile is not perceptible in frontal view offering a maximum visible thickness of 3 mm on the periphery of each visual.

The modules are assembled edge to edge so to avoid cutting the visual.

The frames are fixed on plates ensuring the stability of the frescoes. The plates have rubber pads avoiding any



the fresco presentation

Principle

The fresco is made in double face comprising

- on the front side, the mountain visual,
- on the reverse side, a solid blue Pantone 291 C with Alpine signature.

Note that the claustra partially covers the last panel of the fresco featuring the mountain visual.

Legend

1. Front.
2. Back.



the fresco presentation

Description

The frescoes are cut on the basis of a modulus l. 2000mm x h. 2974mm.

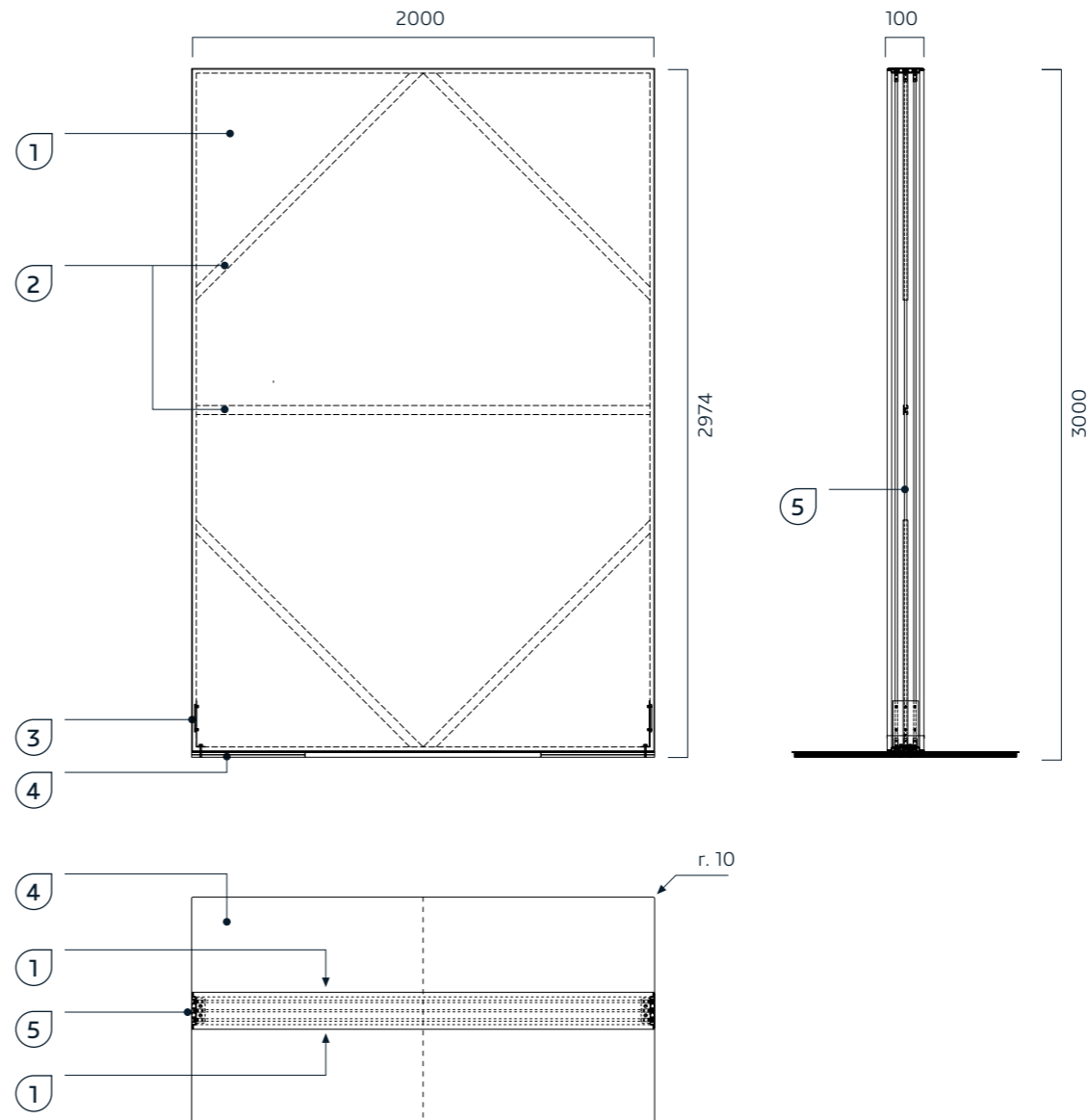
This basic module is made using a profile peripheral aluminum forming a frame on which are fixed, partly before and partly back, a stretched canvas.

The fixing of the canvas is done using a rod clipped into the grooves of the aluminum profile.

The whole is taken up on the ground via steel plates.

Key

1. Face in stretched canvas in decorated matte finish by digital printing.
2. Internal bracing structure.
3. Profile assembly bracket.
4. 50/10th steel plate, RAL 7043 gray lacquer.
5. Peripheral aluminum profile including RAL 7021 gray lacquered fixing channels.

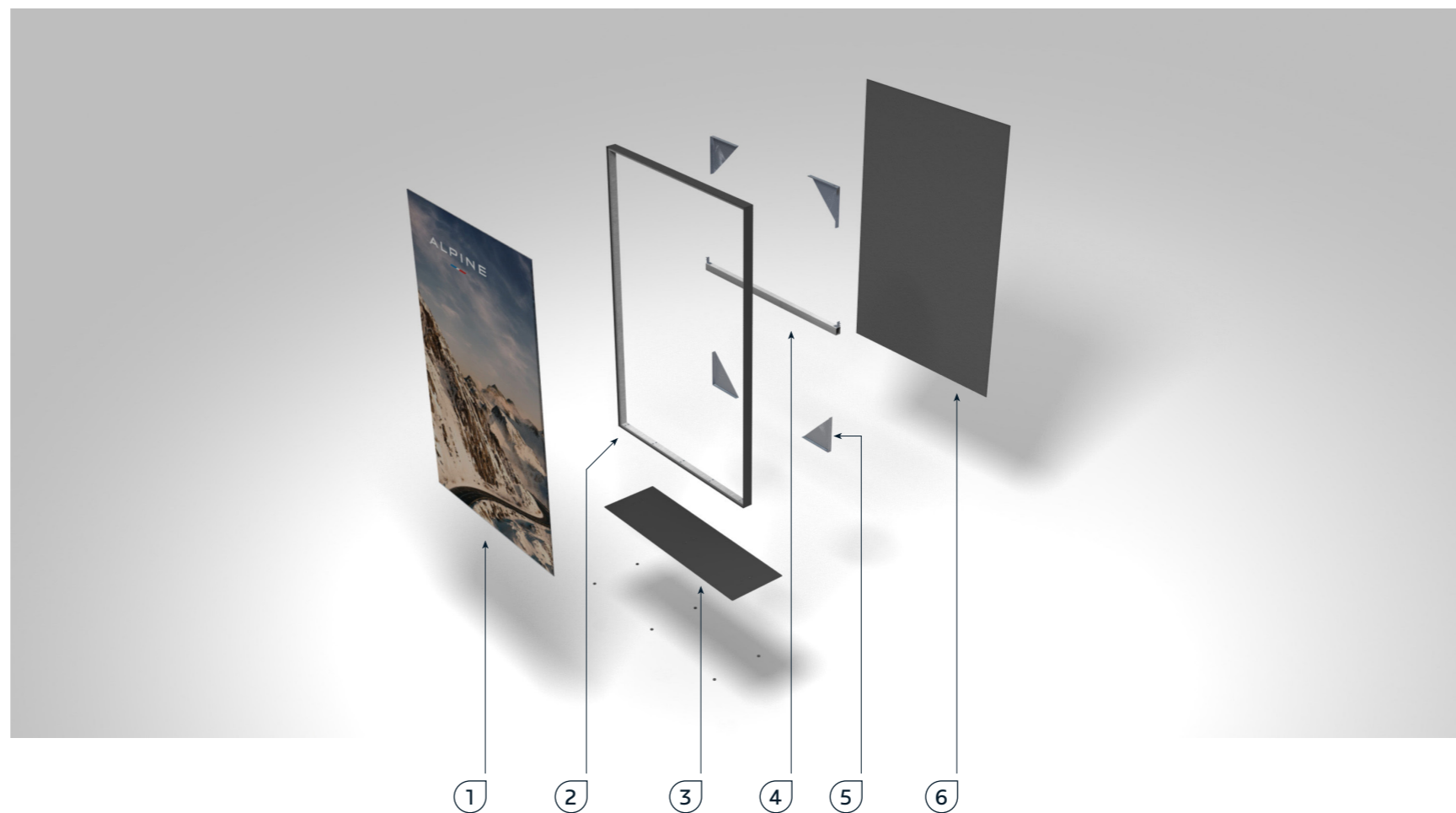


the fresco

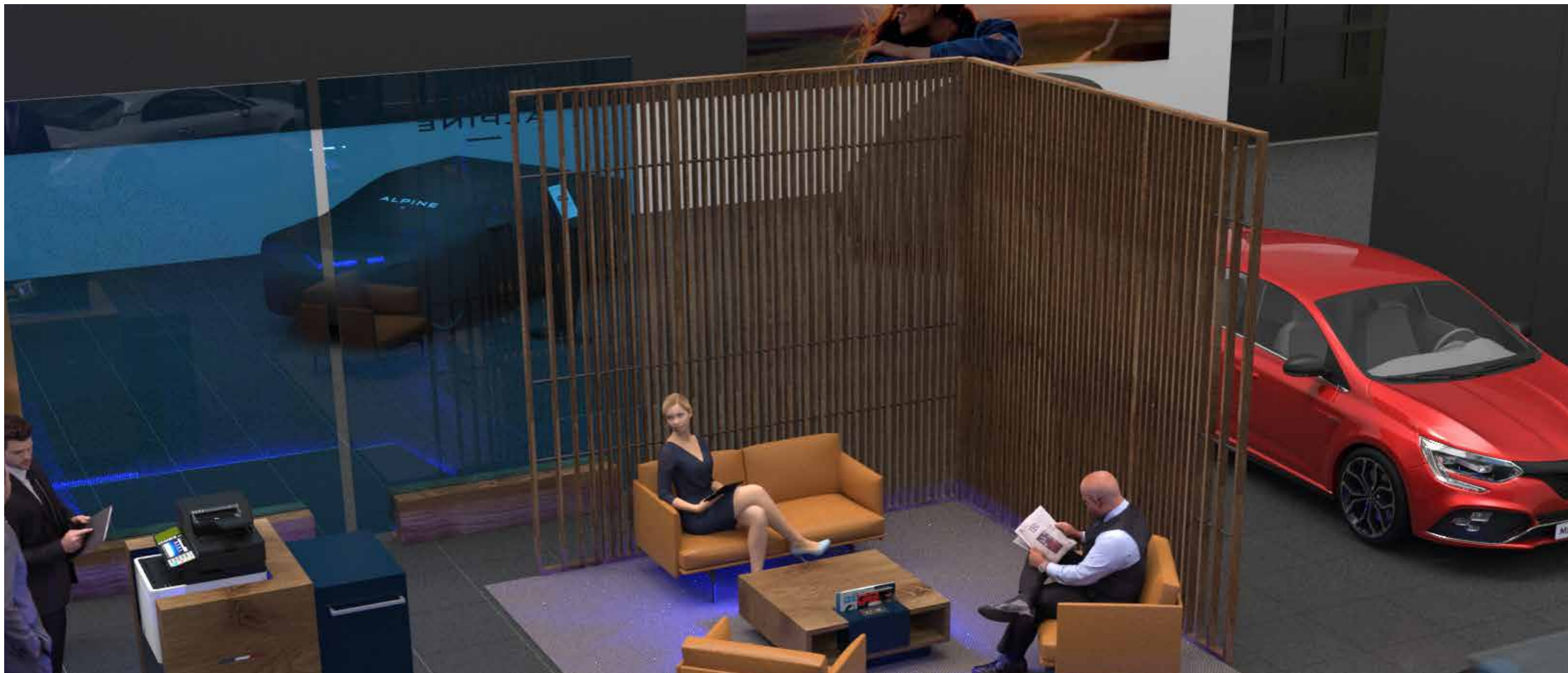
principle exploded view

Key

1. One-sided stretched canvas digital print
2. Peripheral aluminum profile comprising fixing channels lacquered gray RAL 7021
3. Plate made in 1 or 2 parts in sheet steel 50/10 th, lacquered gray RAL 7043 comprising tile protection pads.
4. Internal bracing structure.
5. Profile assembly bracket peripheral devices.
6. Back side in stretched canvas



the wooden fence
situation view



the wooden fence

several modules

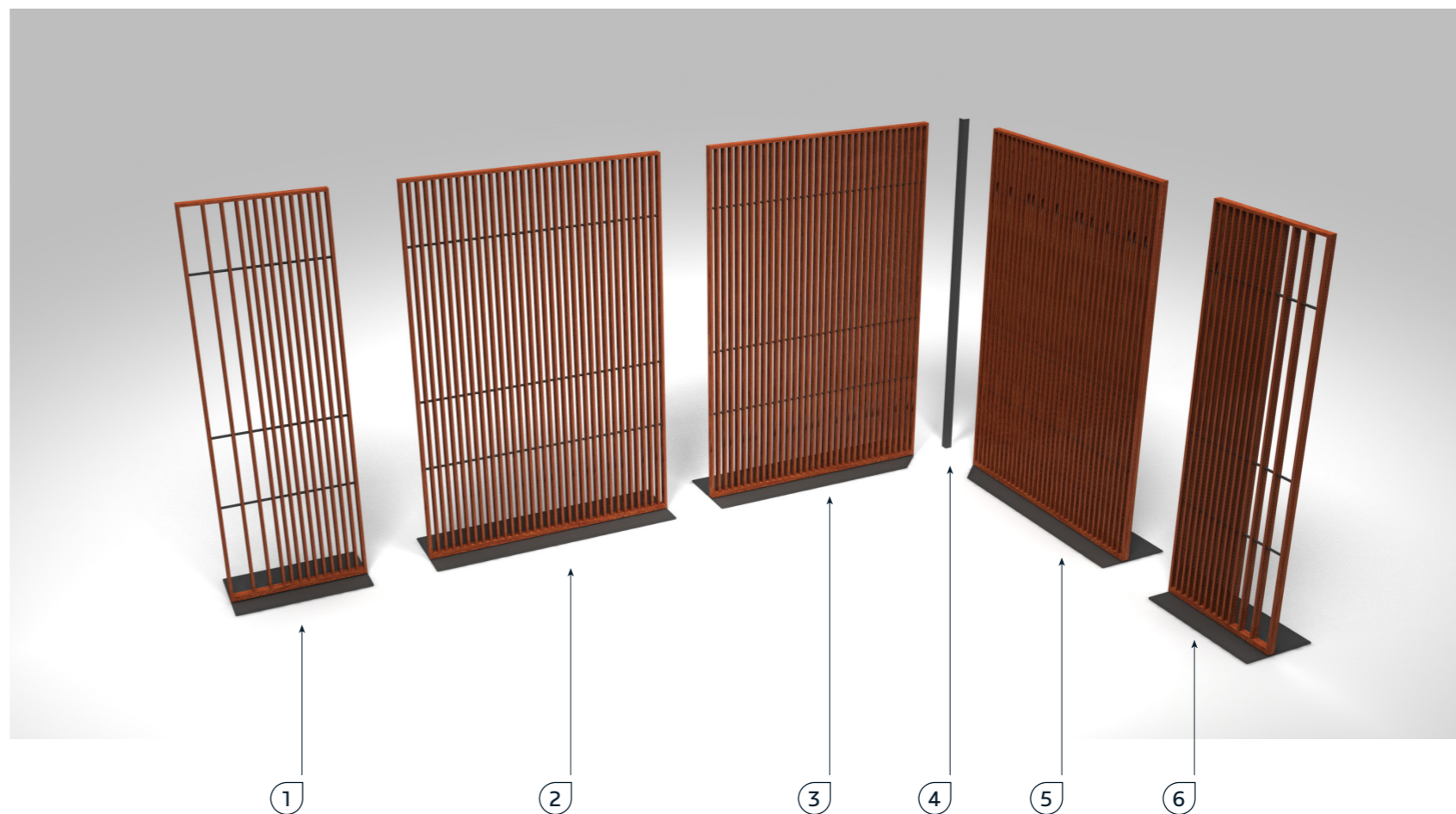
Description

Different modules are needed to respond to the configurations encountered in the network.

These modules have a length of 1000 or 2000 mm with mounting variations on turntables.

Key

1. Module 1 of 1000 mm.
2. Module 2 of 2000 mm.
3. Module 3 corner of 2000 mm.
4. Corner connection profile
5. Module 4 corner of 2000 mm.
6. Module 5 of 1000 mm.



the wooden fence module 1

Description

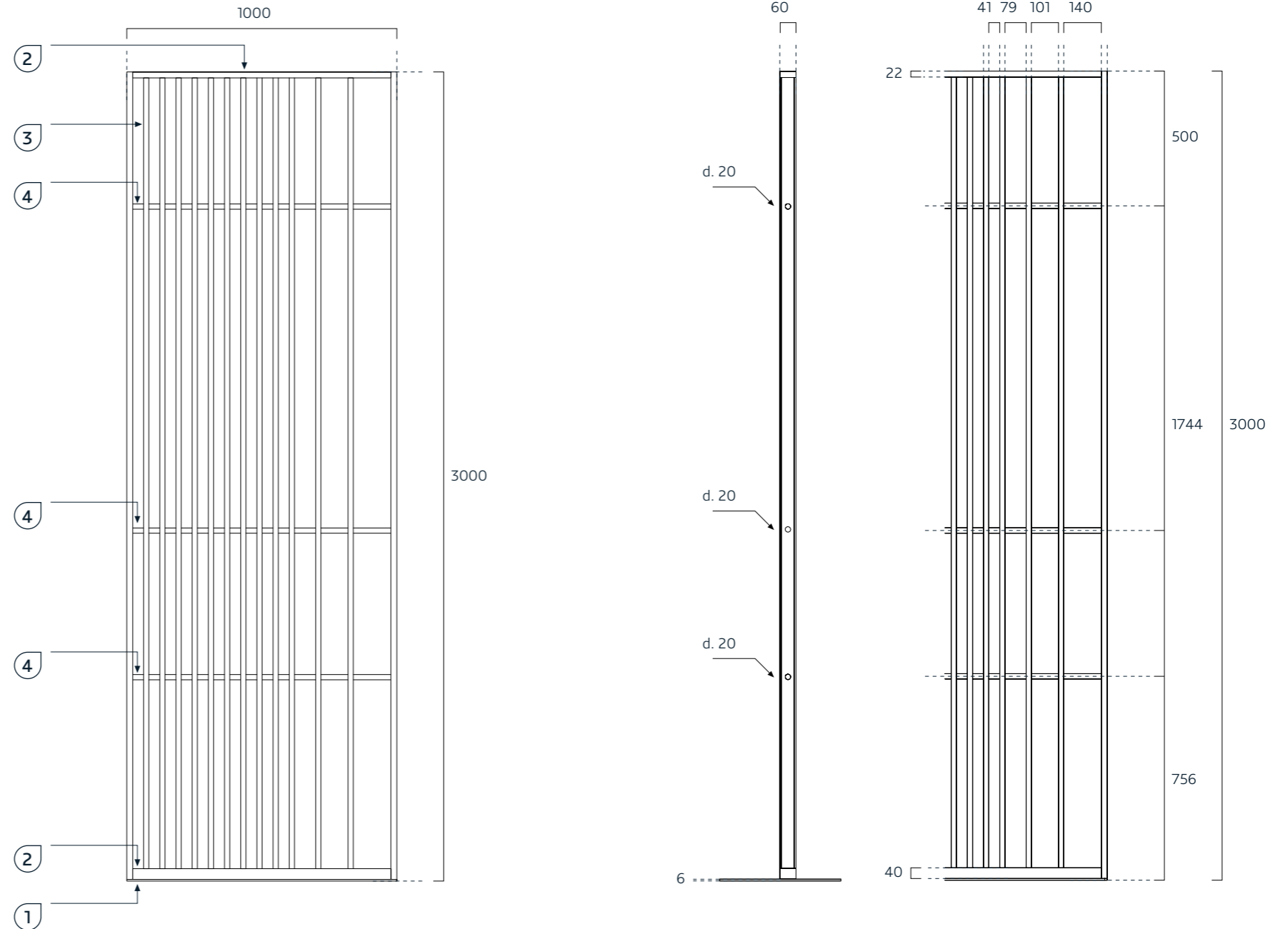
Module 1 has the following general dimensions:
H. 3000 x W. 1000 mm.

It consists of a 60 mm thick frame on which are fixed vertical MDF blades interconnected by horizontal tubes.

The general design of the different modules is common to all modules.

Key

1. Steel plate lacquered in gray RAL 7043 in frosted matte finish featuring glides tile protection rubber.
2. MDF frame veneered with 4 laminate sides.
3. MDF vertical uprights veneered on 4 sides in laminate.
4. RAL 7021 gray lacquered steel tubes in finish satin finish, diameter 20 mm.



the wooden fence

module 1

Platinum

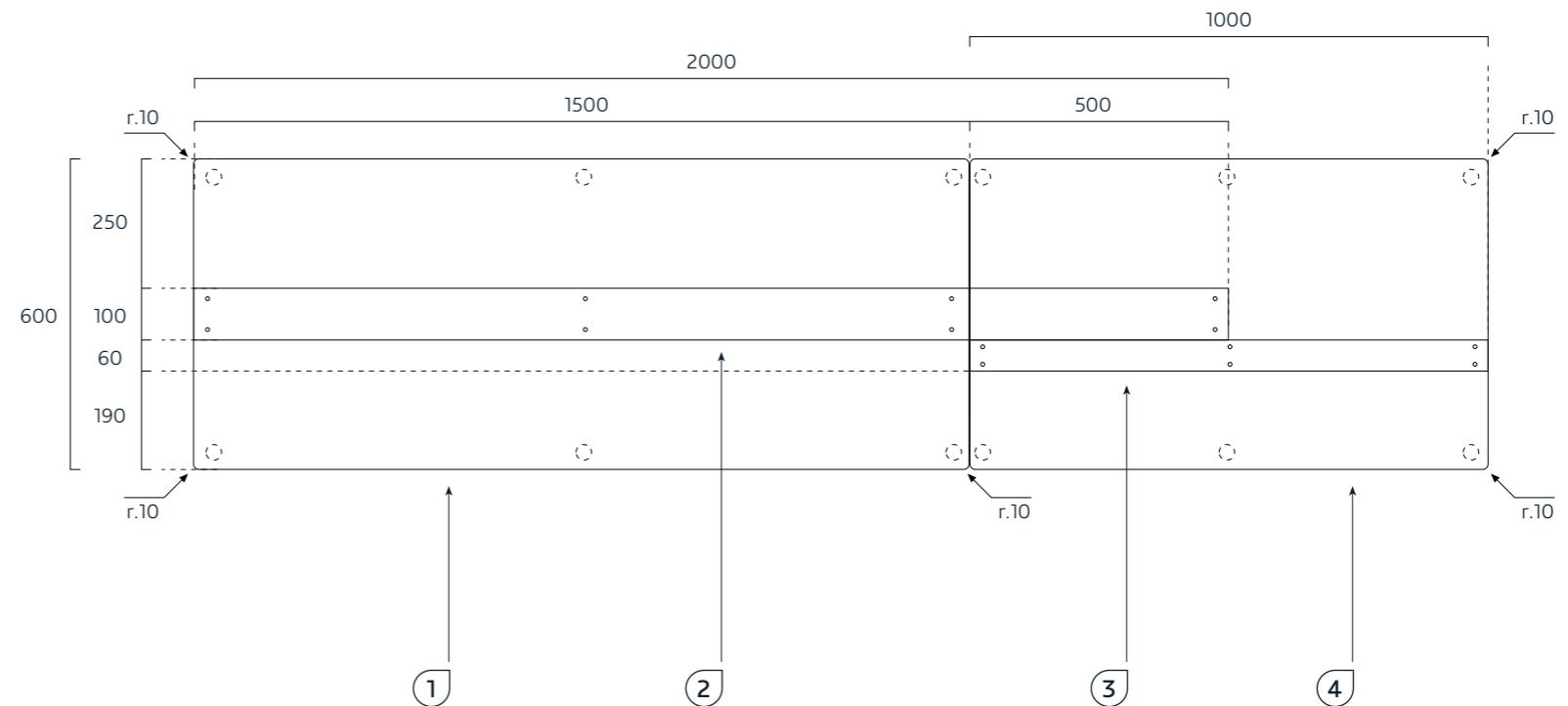
The particularity of this module is to combine with the last element of the fresco in the as part of the claustra covers the mountain visual on 500 mm.

The screen frame is offset by 100 mm on the plate in order to allow this covering partiel.

The plates of the fresco and the claustra are necessarily aligned.

Key

1. Fresco plate.
2. Peripheral frame of the fresco.
3. Screen frame.
4. Panel of module 1 of the fence.



the wooden fence

module 2

Description

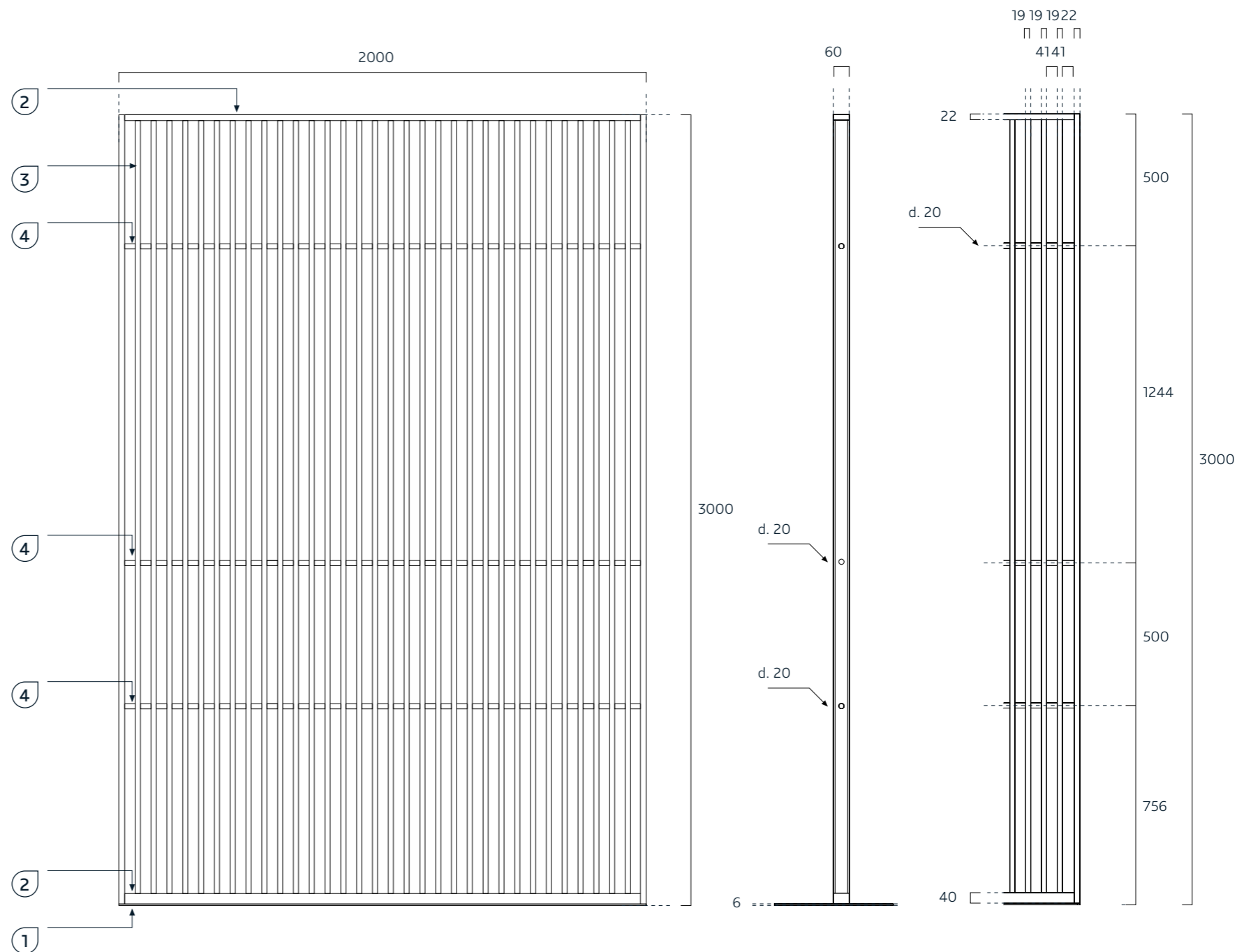
Module 2 has the following general dimensions:
H. 3000 x W. 2000 mm.

It consists of a 60 mm thick frame on which are fixed vertical MDF blades interconnected by horizontal tubes.

The general design of the different modules is common to all modules.

Key

1. Steel plate lacquered in gray RAL 7043 in frosted matte finish featuring glides tile protection rubber.
2. MDF frame veneered with 4 laminate sides.
3. MDF vertical uprights veneered on 4 sides in laminate.
4. RAL 7021 gray lacquered steel tubes in finish satin finish, diameter 20 mm.



the wooden fence

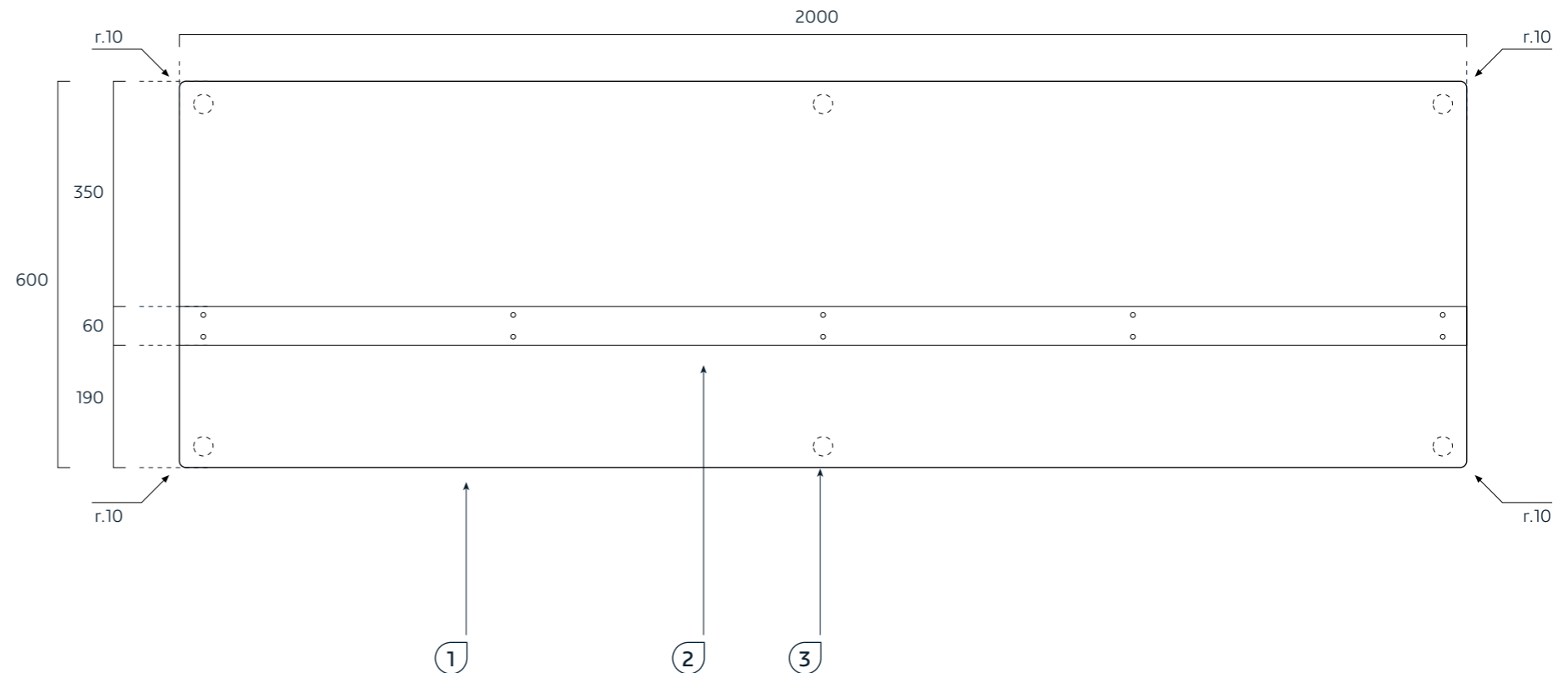
module 2

Platinum

The screen frame is offset by 100 mm on the plate in order to allow an alignment between the different modules.

Key

1. Platinum.
2. Screen frame.
3. Rubber pad.



the wooden fence

module 3

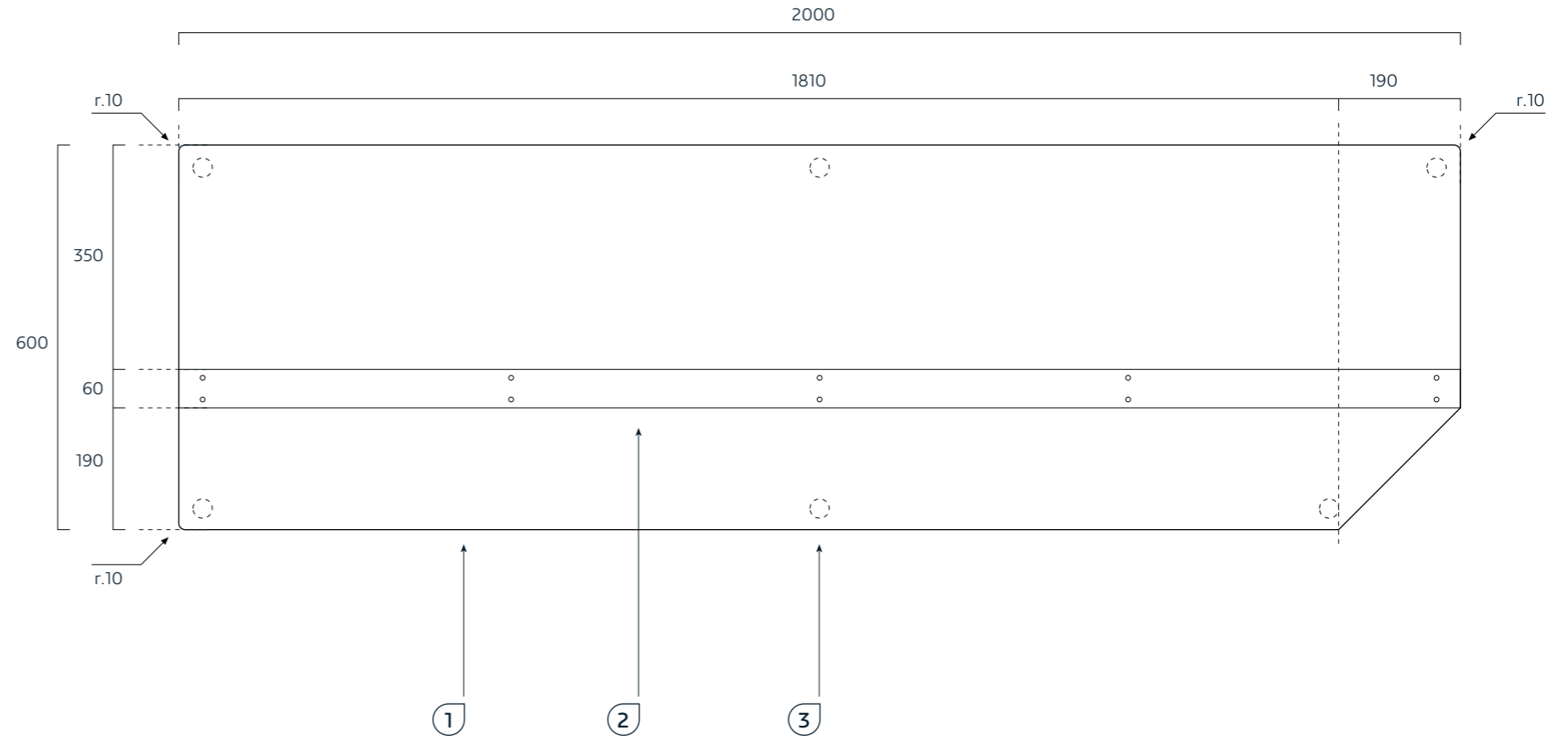
Platinum

The screen frame is offset by 100 mm on the plate in order to allow an alignment between the different modules.

A 45° cutaway is present on the front edge right in order to allow its connection in 90° angle with module 4.

Key

1. Platinum.
2. Screen frame.
3. Rubber pad.



the wooden fence

module 4

Platinum

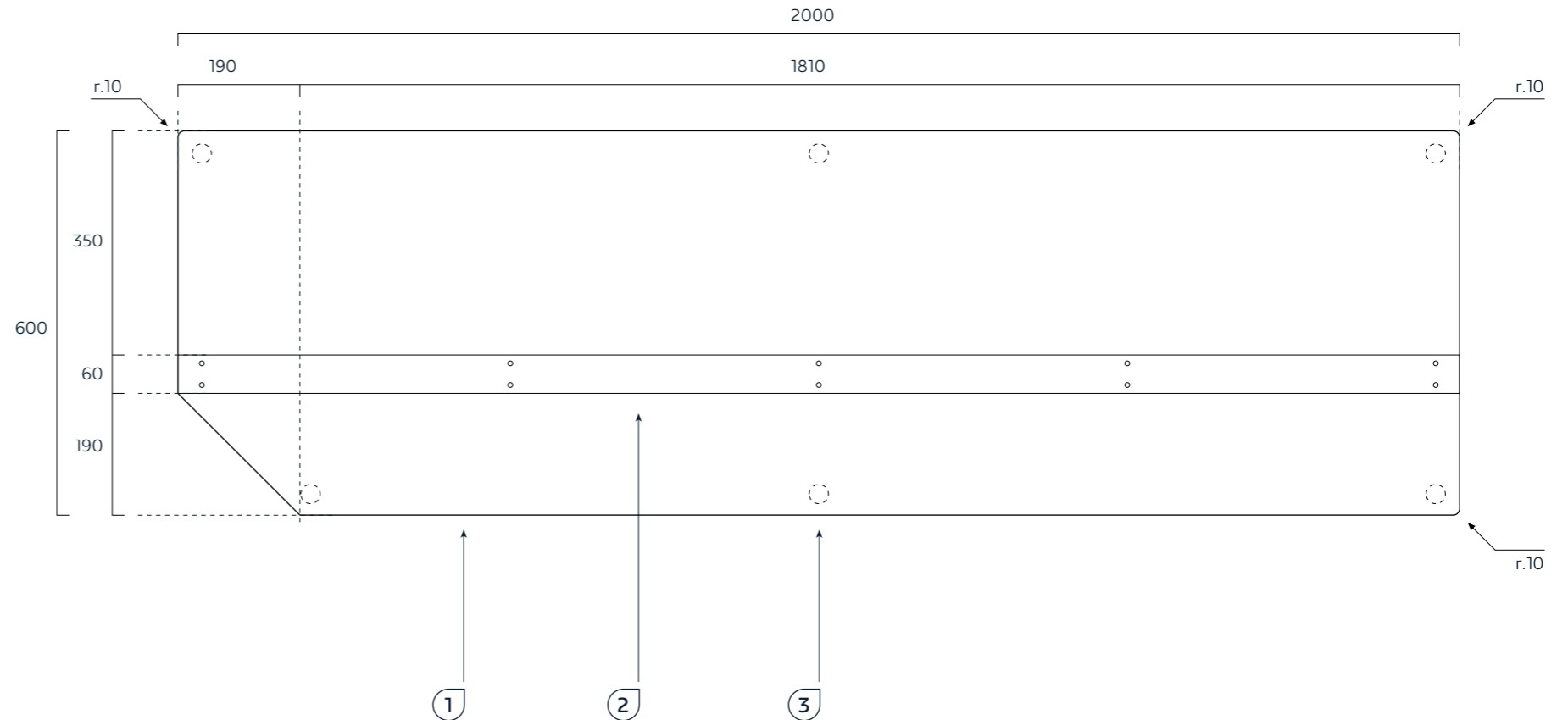
The screen frame is offset by 100 mm on the plate in order to allow an alignment between the different modules.

A 45° cutaway is present on the front edge left in order to allow its connection in 90° angle with module 3.

During manufacture, it is possible to make this plate common between the modules 3 and 4 by planning to be able to return it from 180° in horizontal symmetry.

Key

1. Platinum.
2. Screen frame.
3. Rubber pad.



the wooden fence

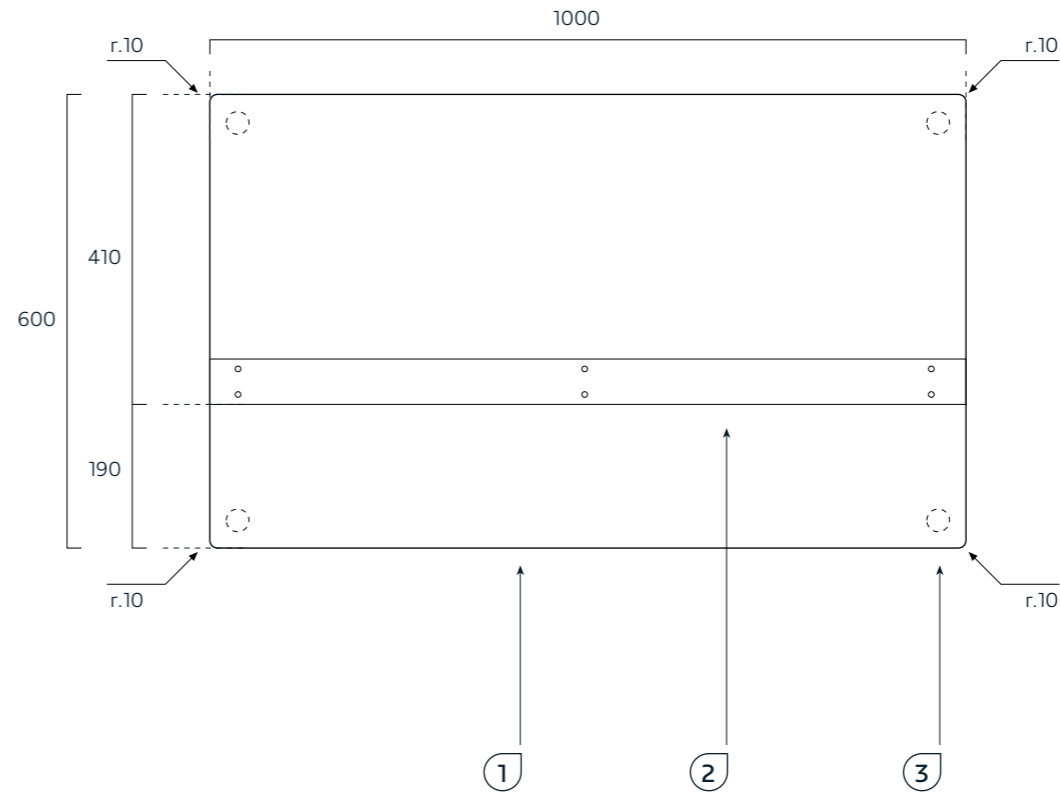
module 5

Platinum

The screen frame is offset by 100 mm on the plate in order to allow an alignment between the different modules.

Key

1. Platinum.
2. Screen frame.
3. Rubber pad.



the lounge table

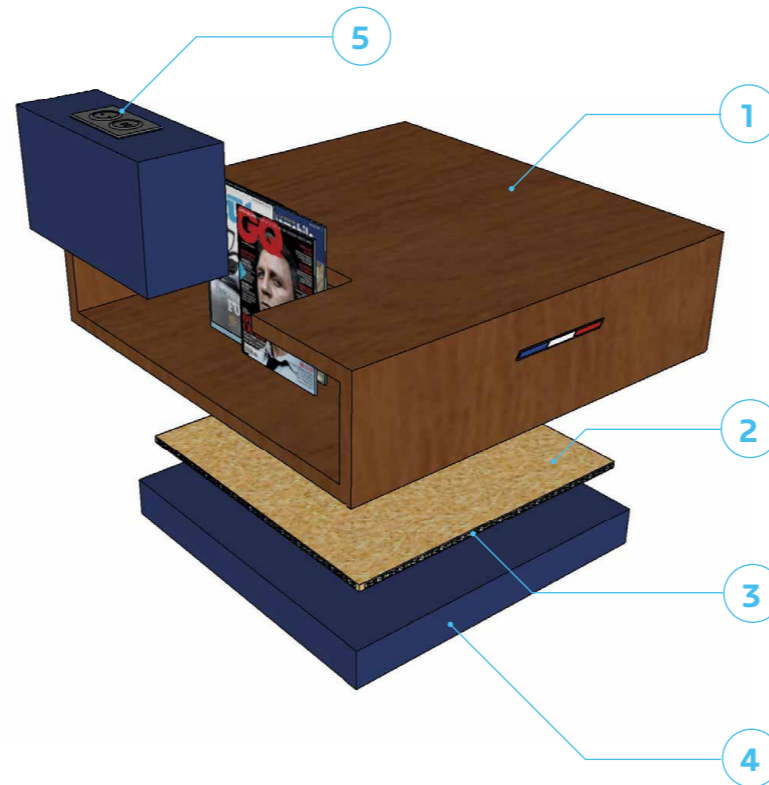
situation view



the lounge table

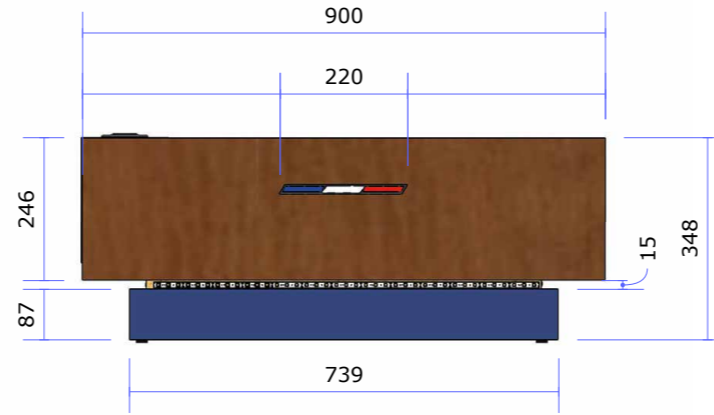
description

1. Small tray in Unilin Aneto Walnut H581 walnut laminate
2. Spacer 15mm
3. LED strips
4. Midnight blue melamine or laminate leg
Pantone blue equivalent 296 C
5. Midnight blue melamine block
Pantone blue equivalent 296 C
+ 220V socket + 2x USB
9V LED transformer

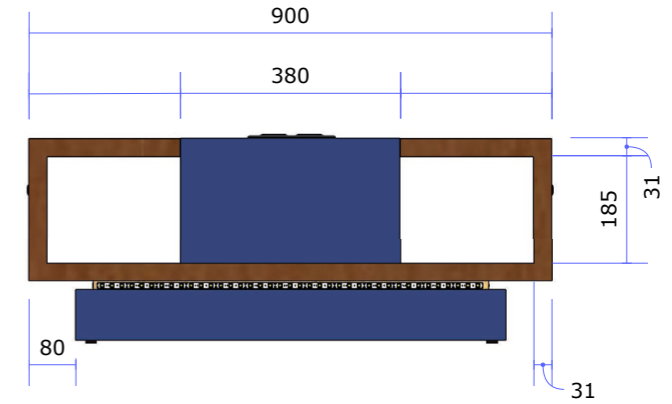


the lounge table dimensions

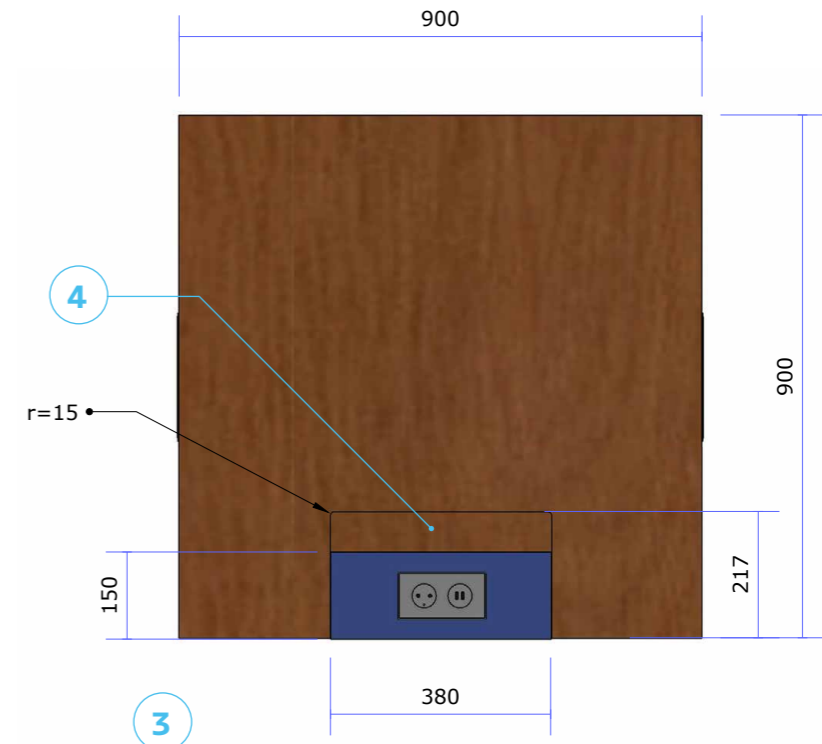
1. right view
2. left view
3. top view
4. Light in tray for magazine rack



1

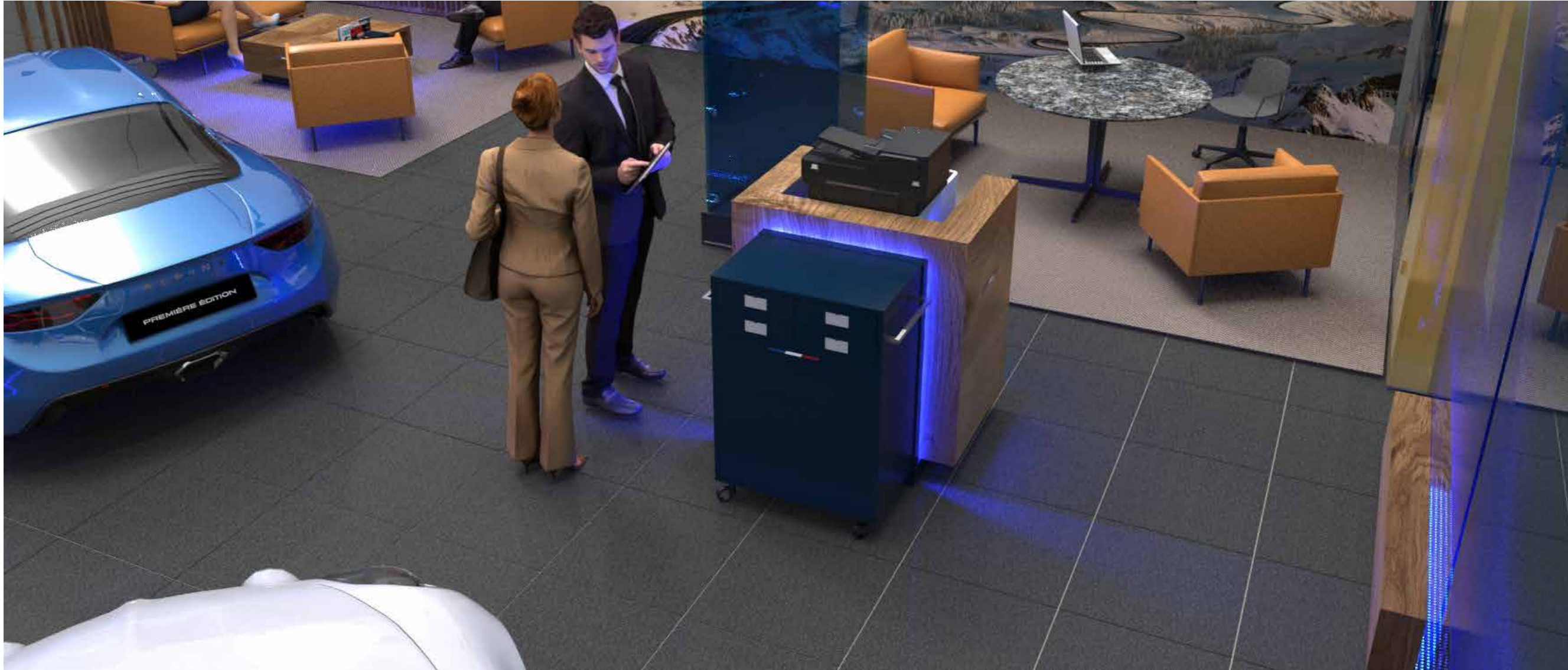


2



3

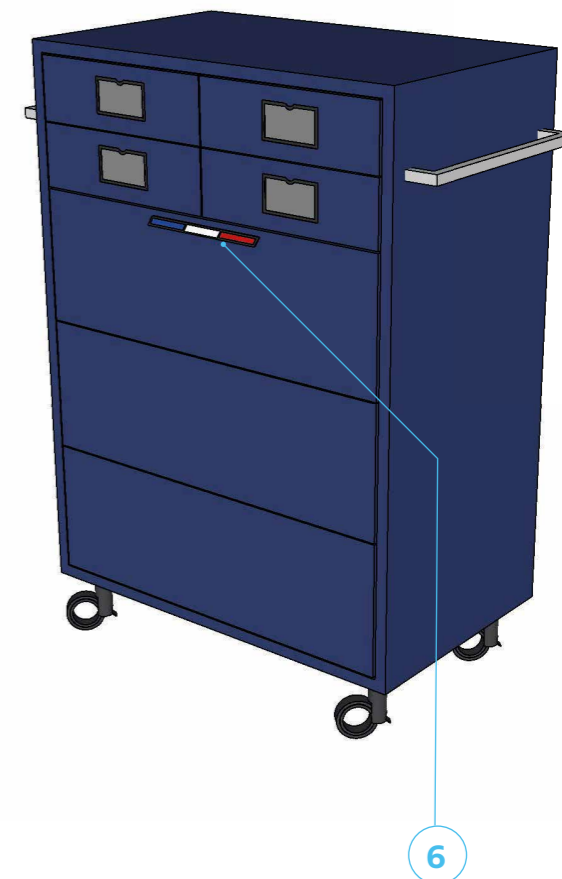
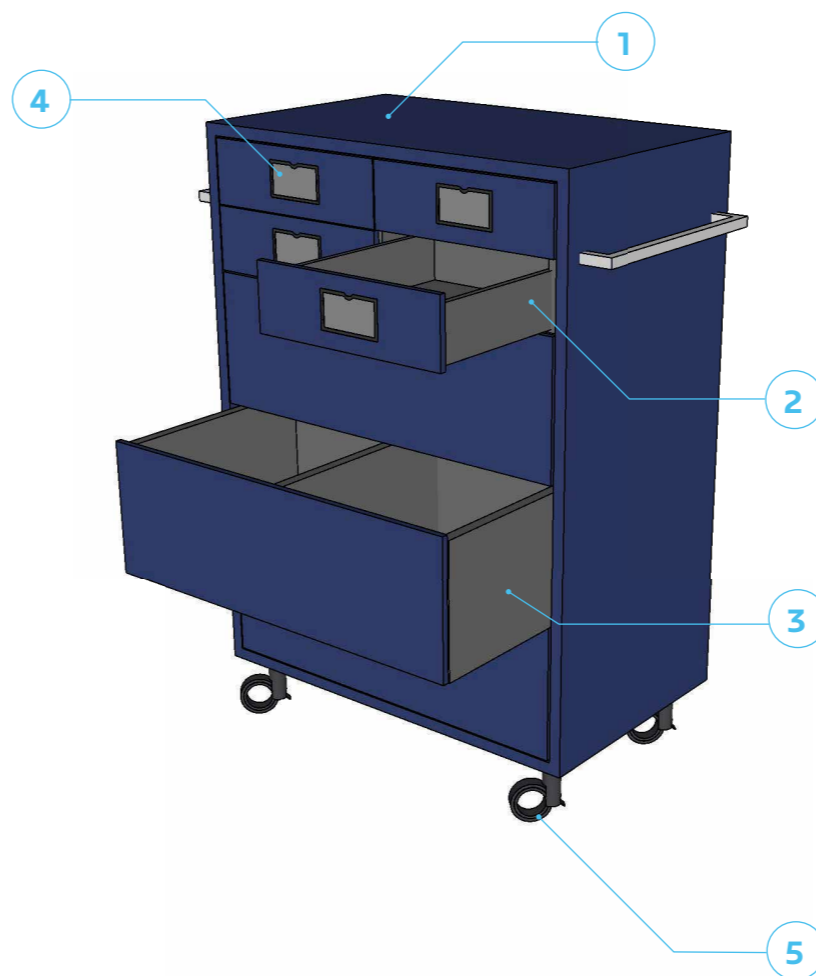
the trolley
situation view



the trolley

description

1. Body in melamine-coated particle board or midnight blue laminate, Pantone 296 C blue equivalent
2. Administrative document drawer, Gray card / VN / VO / SAV keys, secured by key or badge
3. Drawer for VN cover (2 compartments / drawer)
4. Label holder / customer name
5. Swivel castors
6. Crest

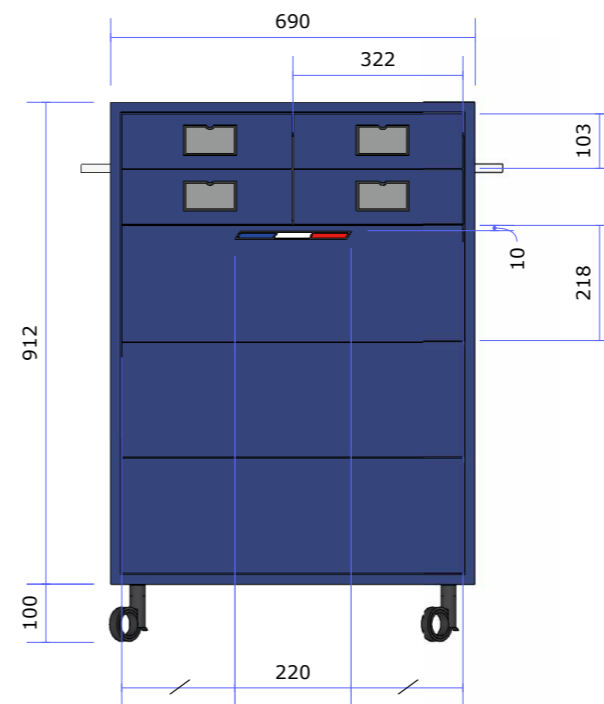


the trolley dimensions

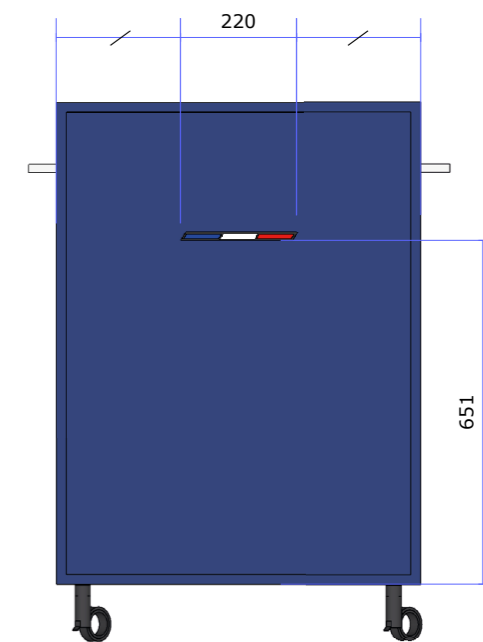
1. right view
2. front view
3. back view
4. top view



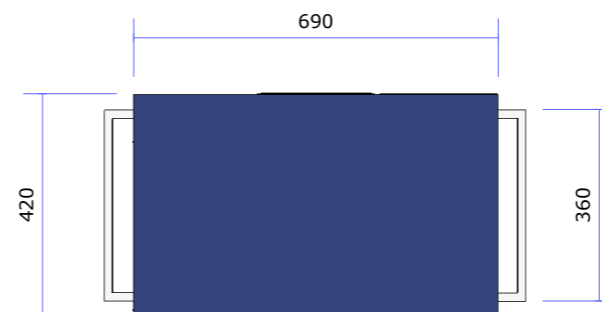
1



2



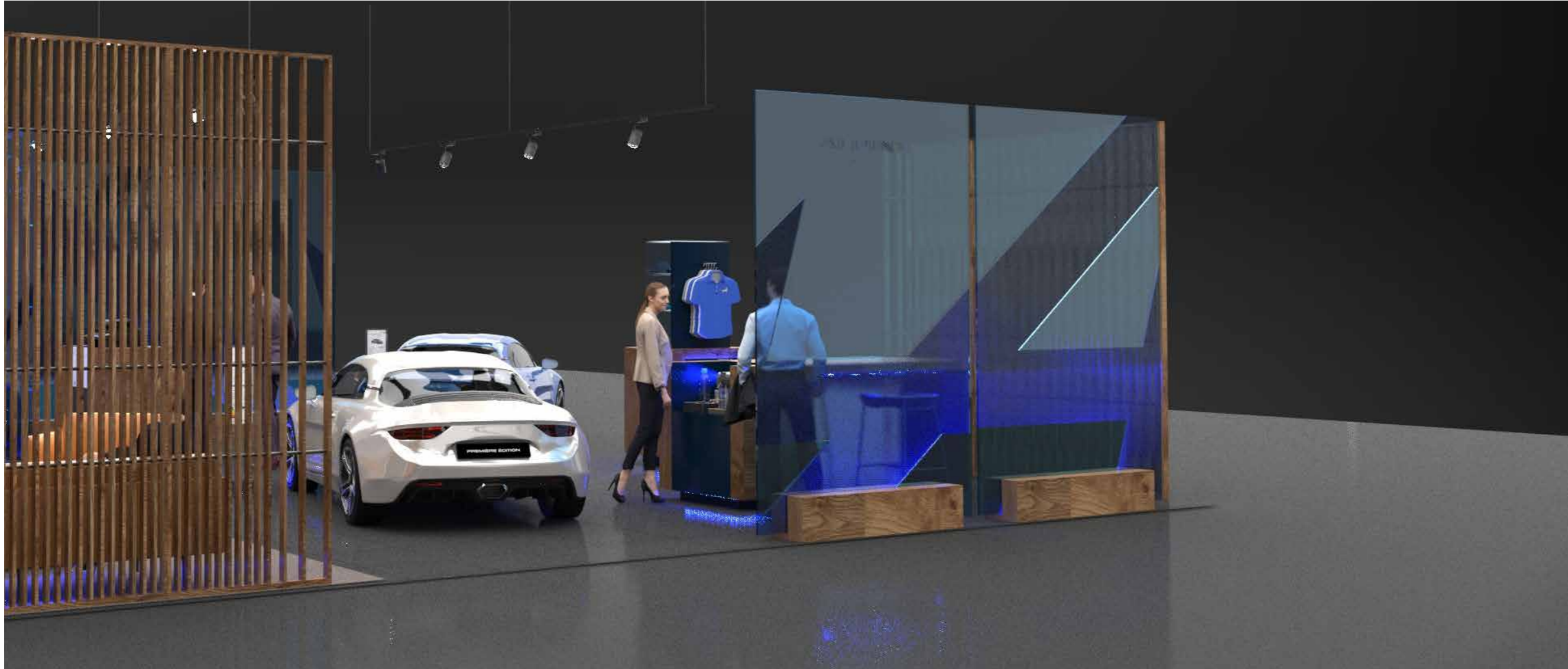
3



4

the transparent fence

situation view

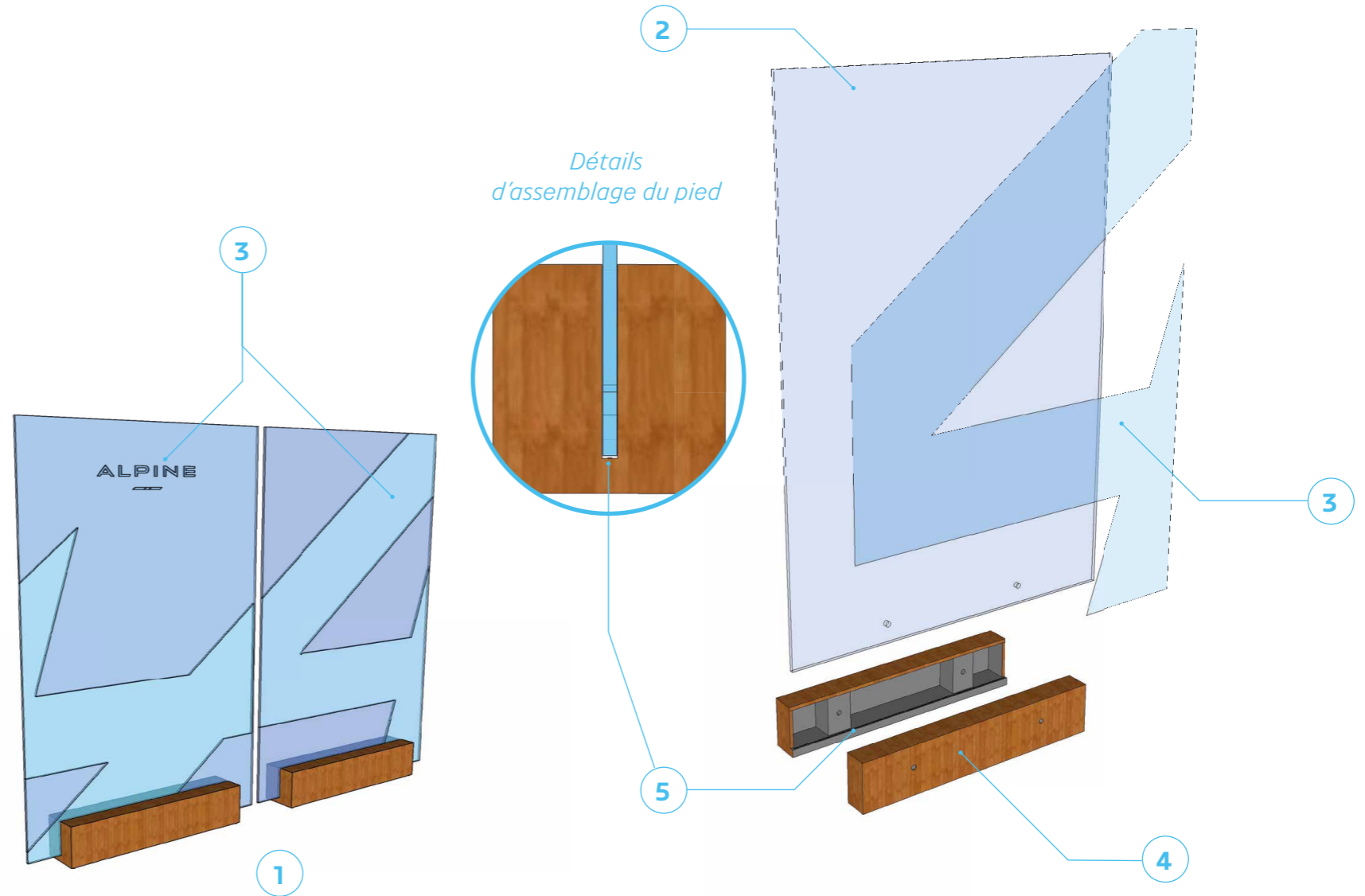


the transparent fence

description

1. View of 2 modules
2. Transparent blue cast glass or PMMA, Altuglas reference 100-13010 thickness 20 mm
3. Sandblasted glass effect film 3M Series 7725SE-300
4. Unilin Aneto Walnut H581 walnut laminate base
Panel fixing / must accommodate the 9V LED transformer
5. LED strips

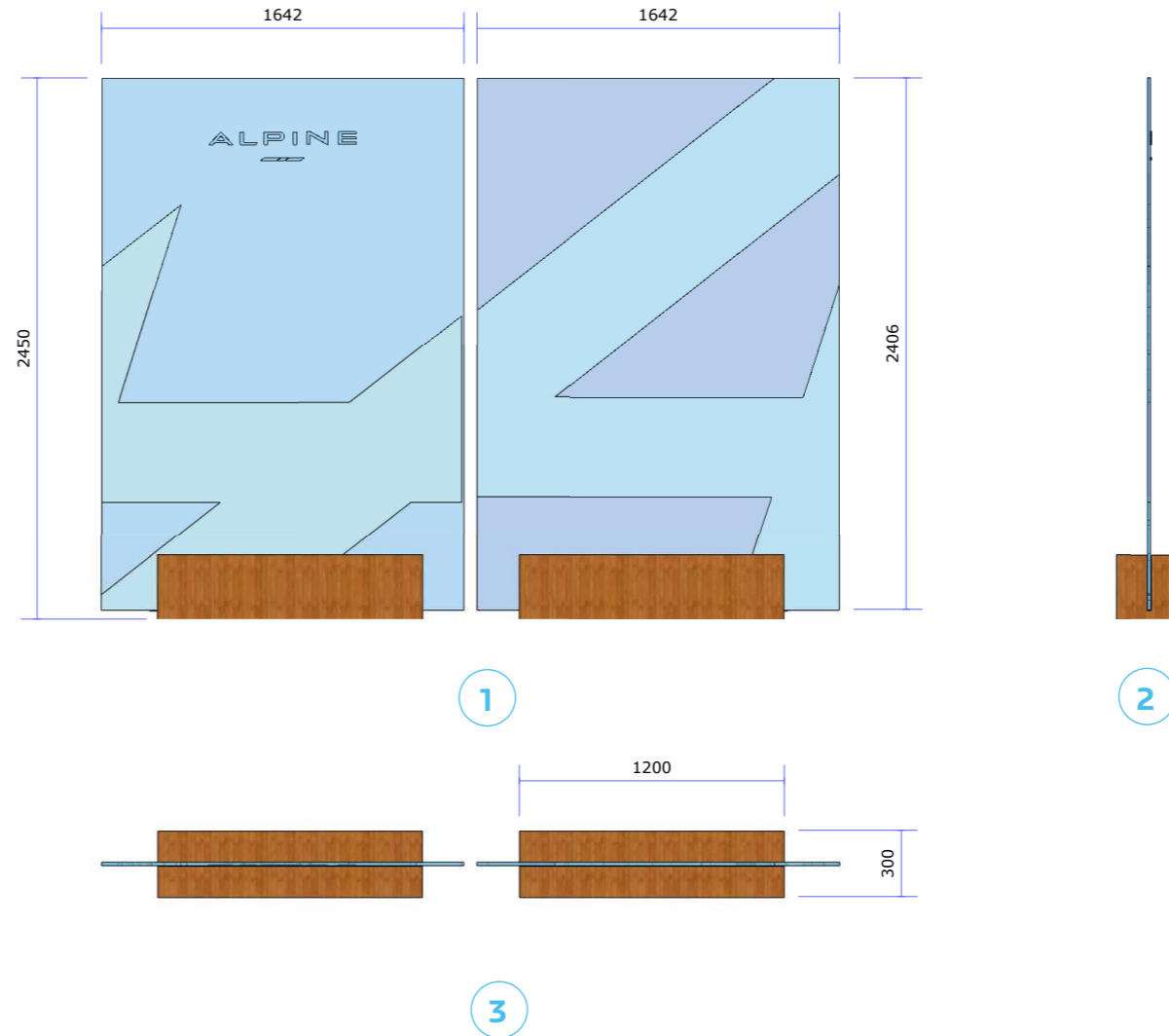
provide an additional plate



the transparent fence dimensions

1. front view
2. Profile
3. Above

provide an additional plate

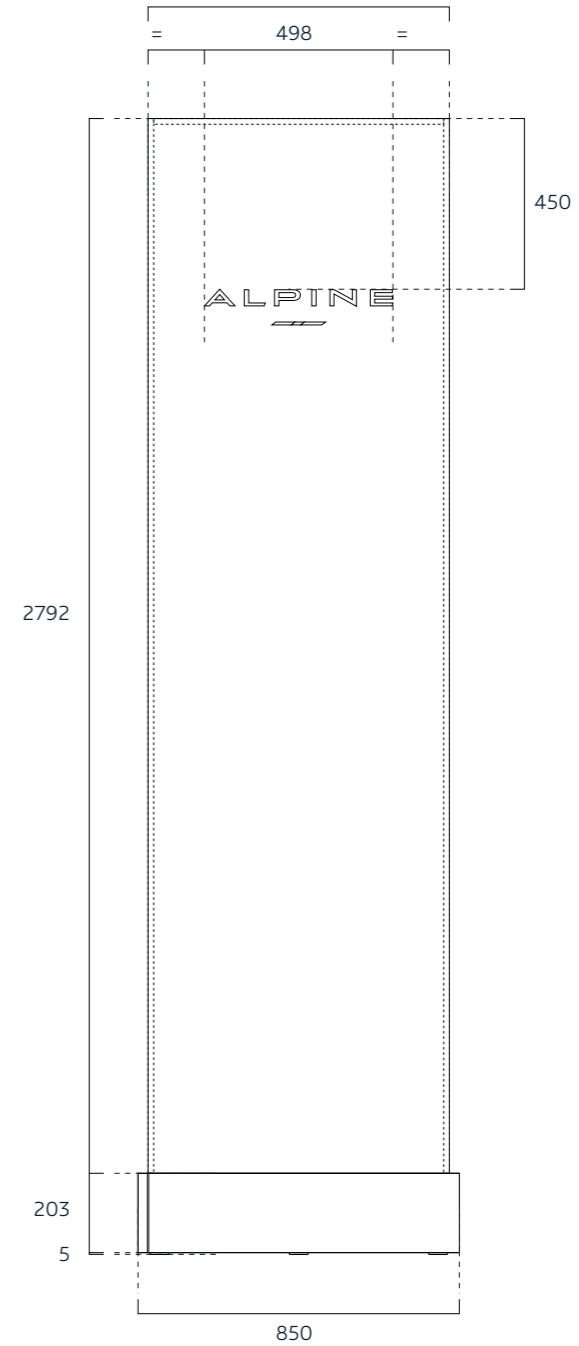
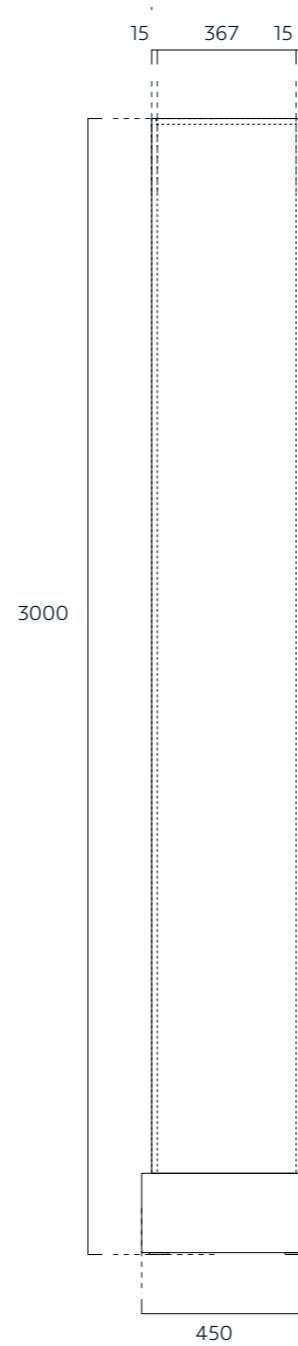


the interior totem
situation view



the interior totem general dimensions

H. 3000 x L. 850 x l. 450 mm.



the interior totem dimensions

Description

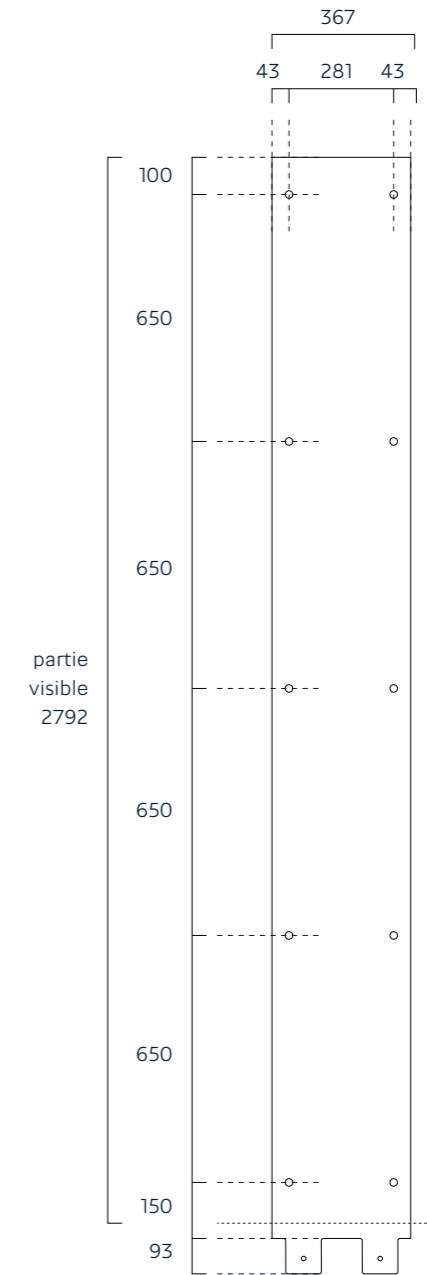
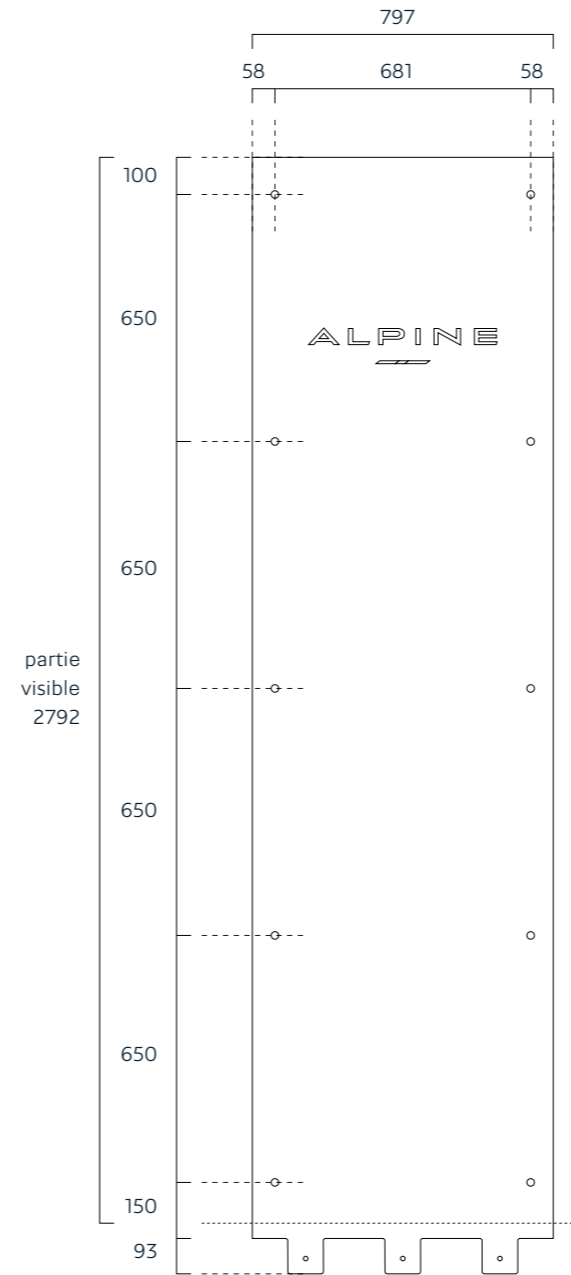
The body of the inner totem is composed of transparent blue cast PMMA panels of Altuglas reference 100-13010 15 mm thick.

It is recommended to assemble these panels using of glass legs in chrome finish requiring the drilling of the panels to ensure their fixation.

The Alpine signature present on the 2 large faces is made of white adhesive (printed for the flag part).

Key

- 1 Large side.
- 2 Small side.

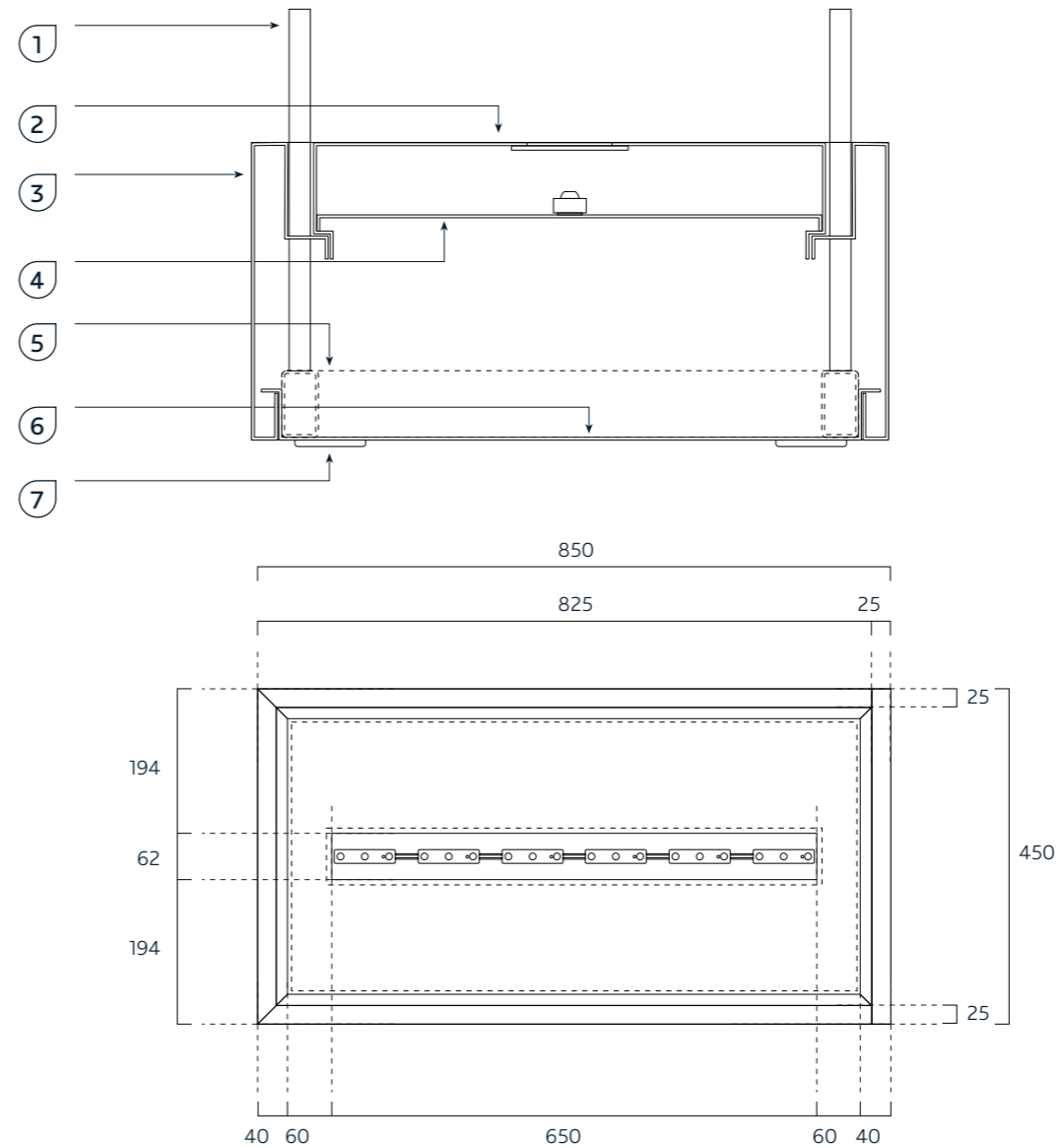


the interior totem

dimensions

Key

1. PMMA panel th. 15mm.
2. Interior face in pre-lacquered aluminum sheet dark gray RAL 7021 with cut-out for passage of light with protection by PMMA crystal ep. 3mm.
3. Covering the base in aluminum sheet RAL 7021 dark gray pre-lacquered.
4. Sheet metal reflector and LED support RAL 9003 white pre-lacquered aluminum in matte finish.
5. Tubular structure in dark gray lacquered steel RAL 7021 or galvanized protection.
6. Bottom of the base in aluminum sheet RAL 7021 dark gray pre-lacquered.
7. Rubber pads.

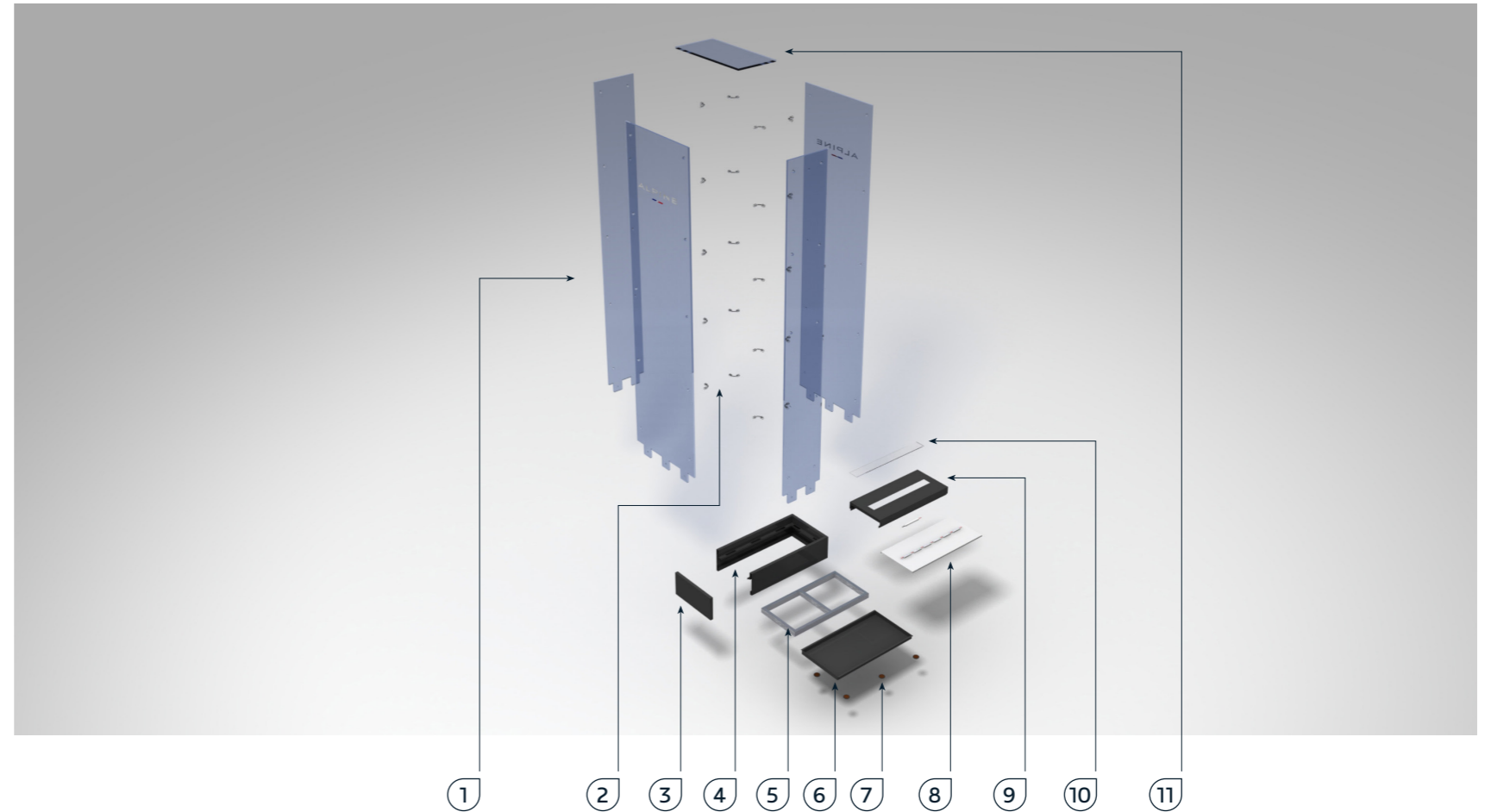


the interior totem

principle exploded view

Key

1. Vertical panel in PMMA th. 15mm.
2. ice legs.
3. Access door to the electrical equipment in RAL 7021 dark gray pre-lacquered aluminum sheet.
4. Covering the base in aluminum sheet RAL 7021 dark gray pre-lacquered.
5. Tubular steel structure.
6. Bottom of the base.
7. Rubber pads.
8. Reflector and chain-led support with blue lighting.
9. Interior face in pre-lacquered aluminum sheet dark gray RAL 7021.
10. crystal PMMA th. 3mm.
11. Upper panel in PMMA th. 15mm.



the price display

situation view

Description

The display is used to inform the customer of the characteristics, price and options of the vehicle presented.

It is also used during the delivery of new vehicles to welcome the customer.

The vehicle presentation sheet is backlit by a battery-powered or mains-powered light box.

It must be connected to a mains power source (220V) or to a low voltage power supply (12V) present in principle under the vehicles in the showroom.

Note

The entire device is designed for later digital evolution.

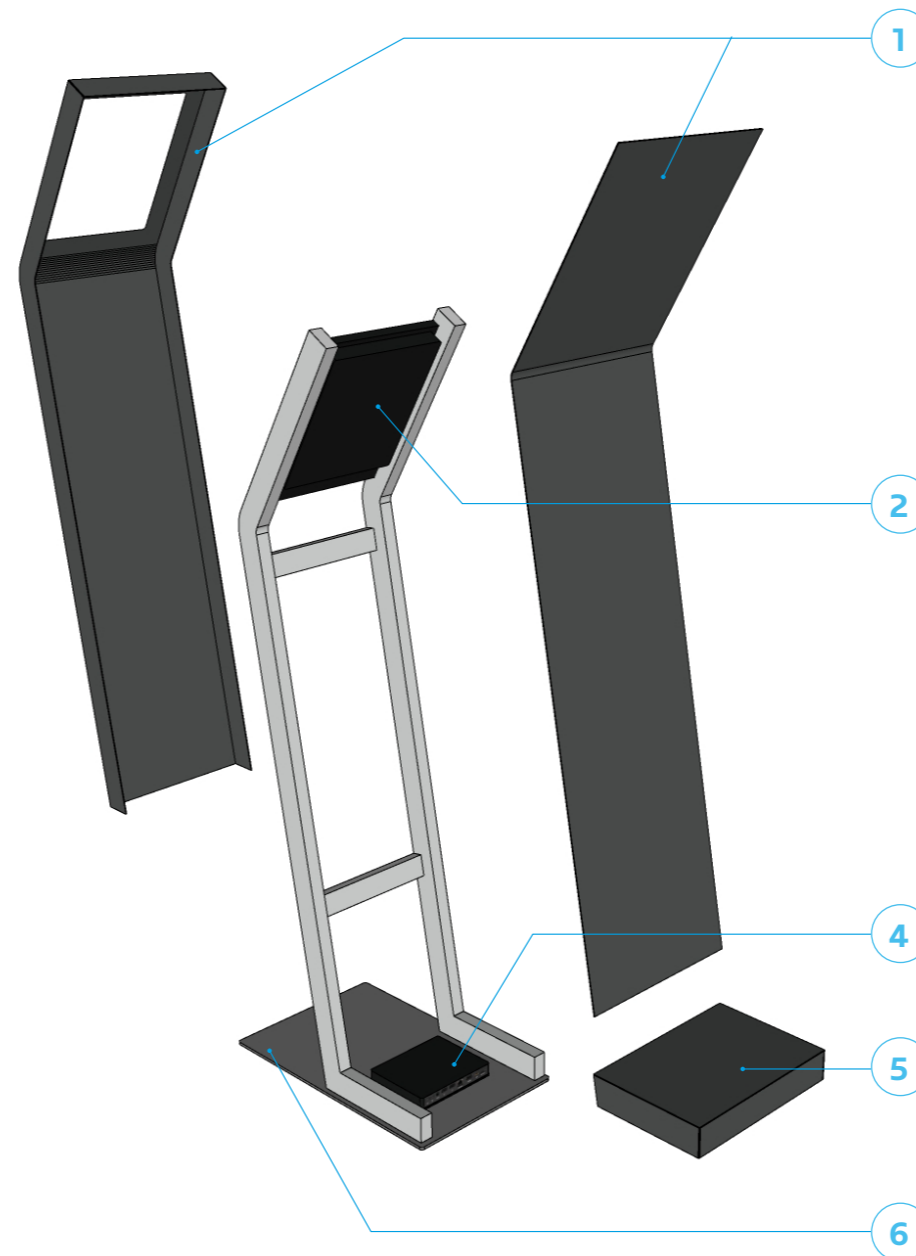


the price display

principle exploded view

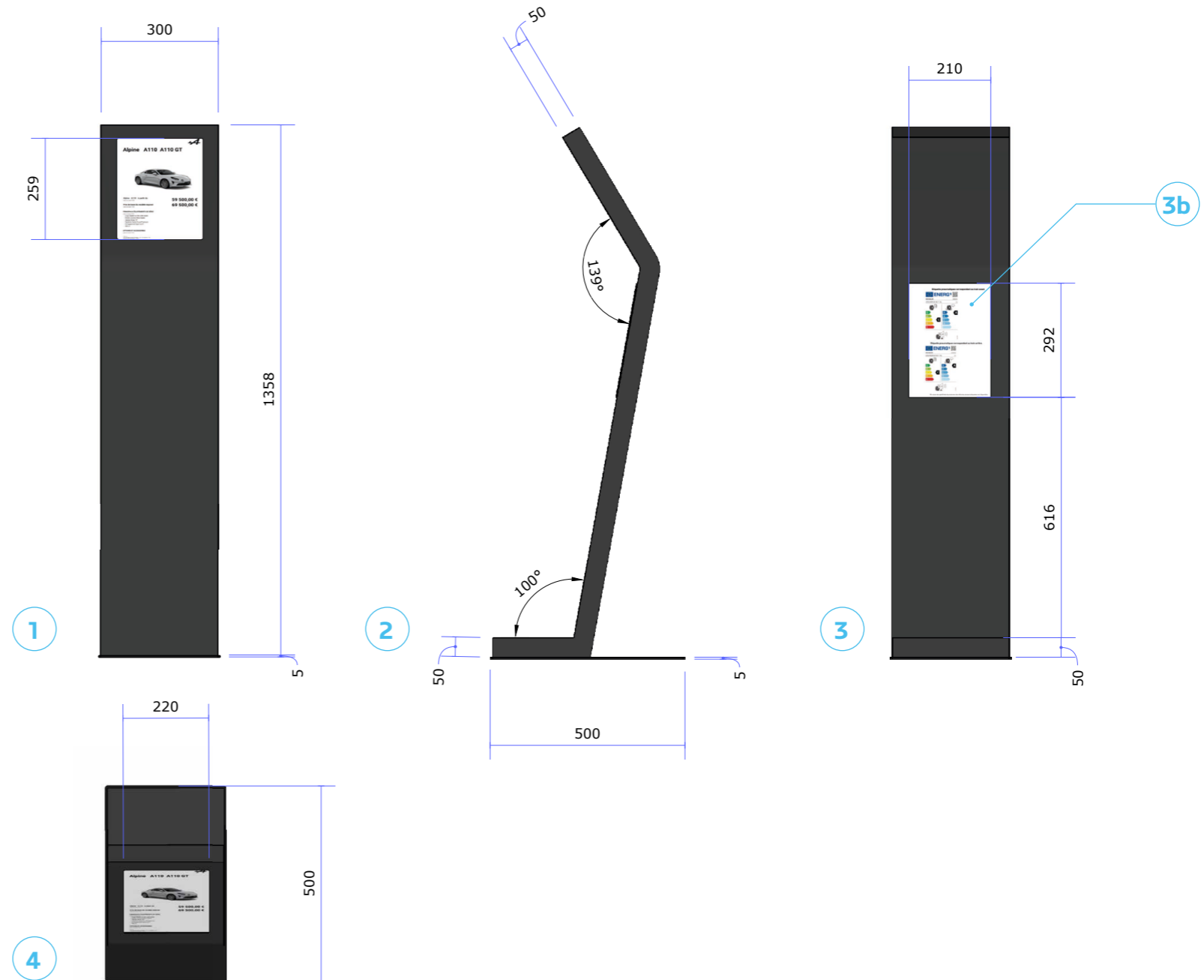
Description

1. 15/10 epoxy lacquered sheet cover satin gray RAL 7021
2. light box
3. Metal tube structure
4. Transformer and power cable storage
5. Gray RAL 7021 satin epoxy lacquered storage cover
Steel plate - th. 5mm epoxy lacquered gray RAL 7043
matt frosted
6. + Casters or skates under platinum?



the price display dimensions

1. front view
2. left view
3. back view
 - 3b: screen+ or A4 backlit paper option
4. top view



the price display variant

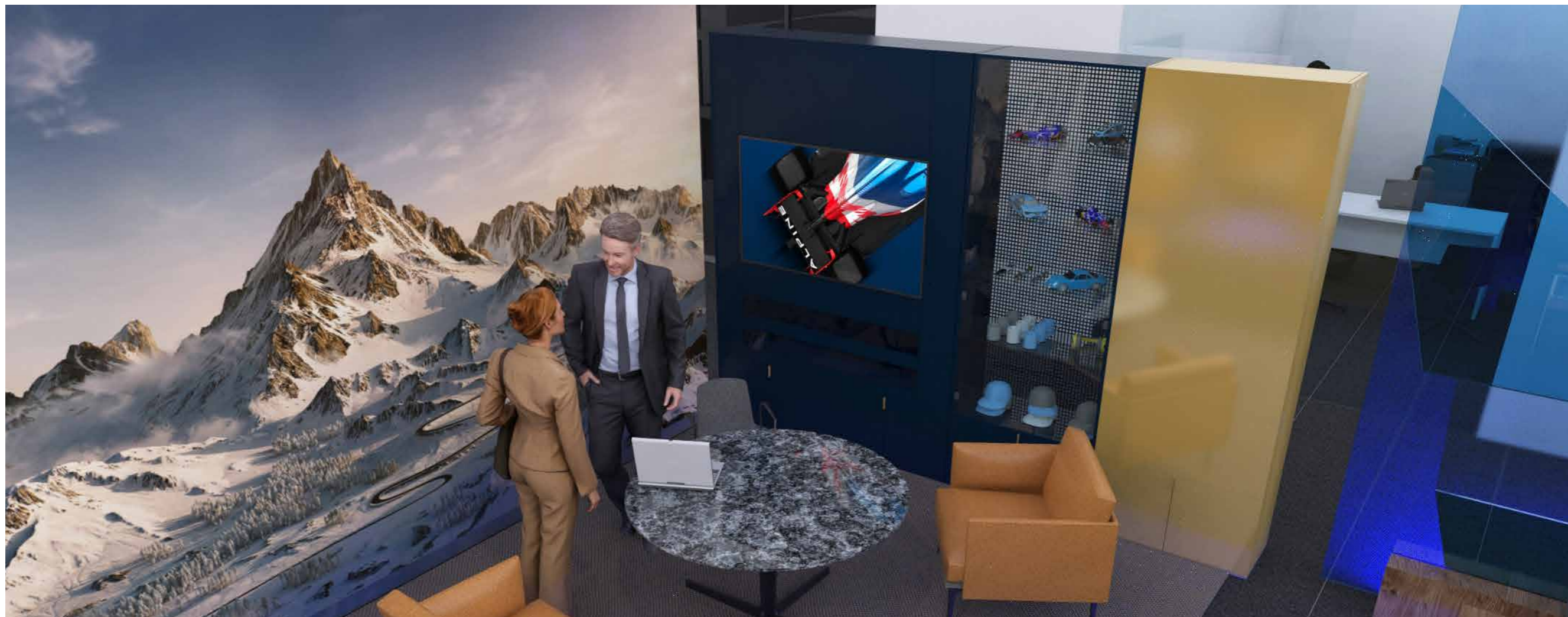
description

If the legislation of the country makes the permanent display of the consumption indices mandatory, an additional screen option or backlit A4 paper can be integrated into the back of the display.



le configurateur

vue en situation



the configurator presentation

description

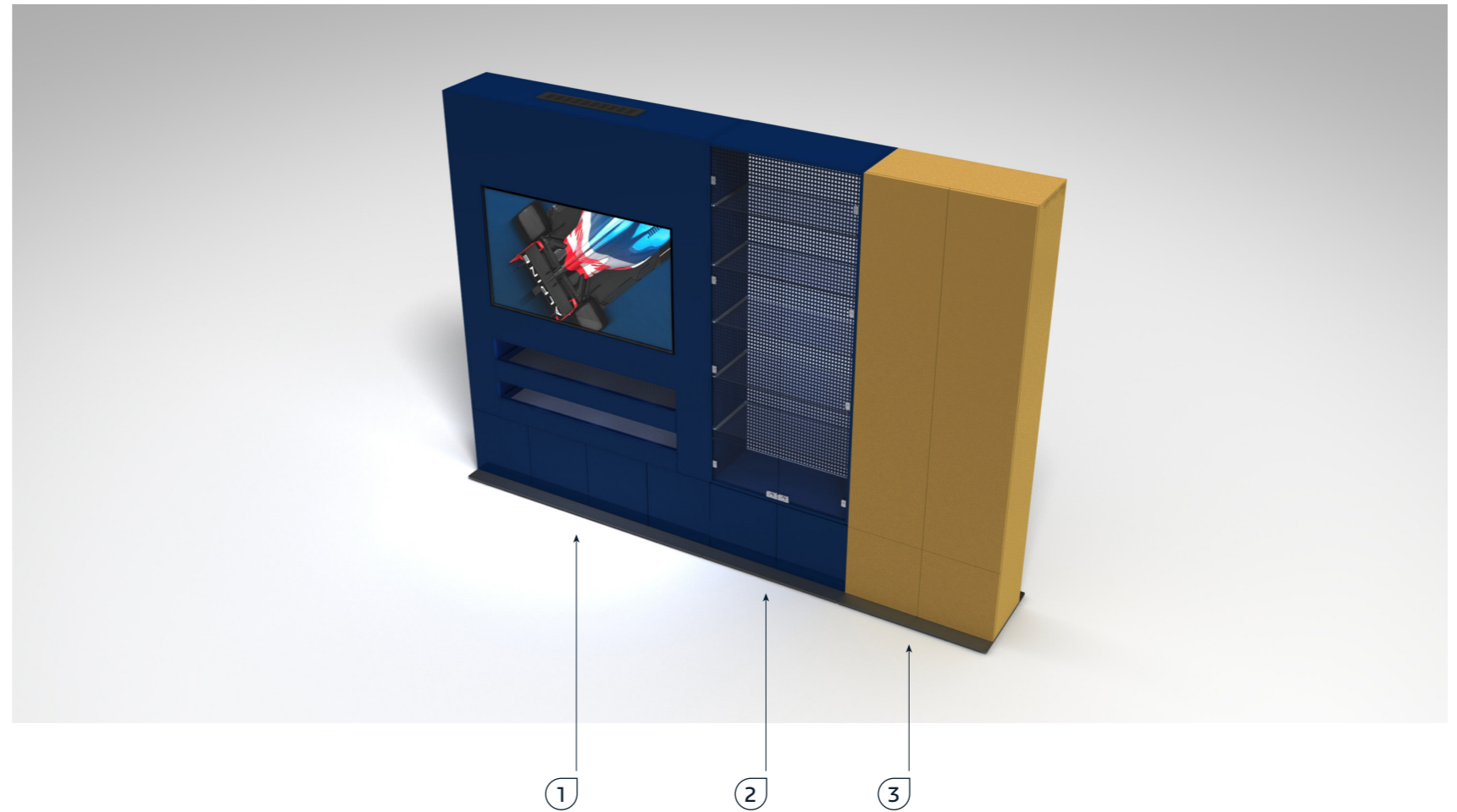
The presentation furniture is made of particle board with a veneer melamine.

It consists of 3 modules installed on plates ensuring its stability.

The modules are joined and assembled by screws internal.

Key

1. Screen module.
2. Glazed module.
3. Storage module.

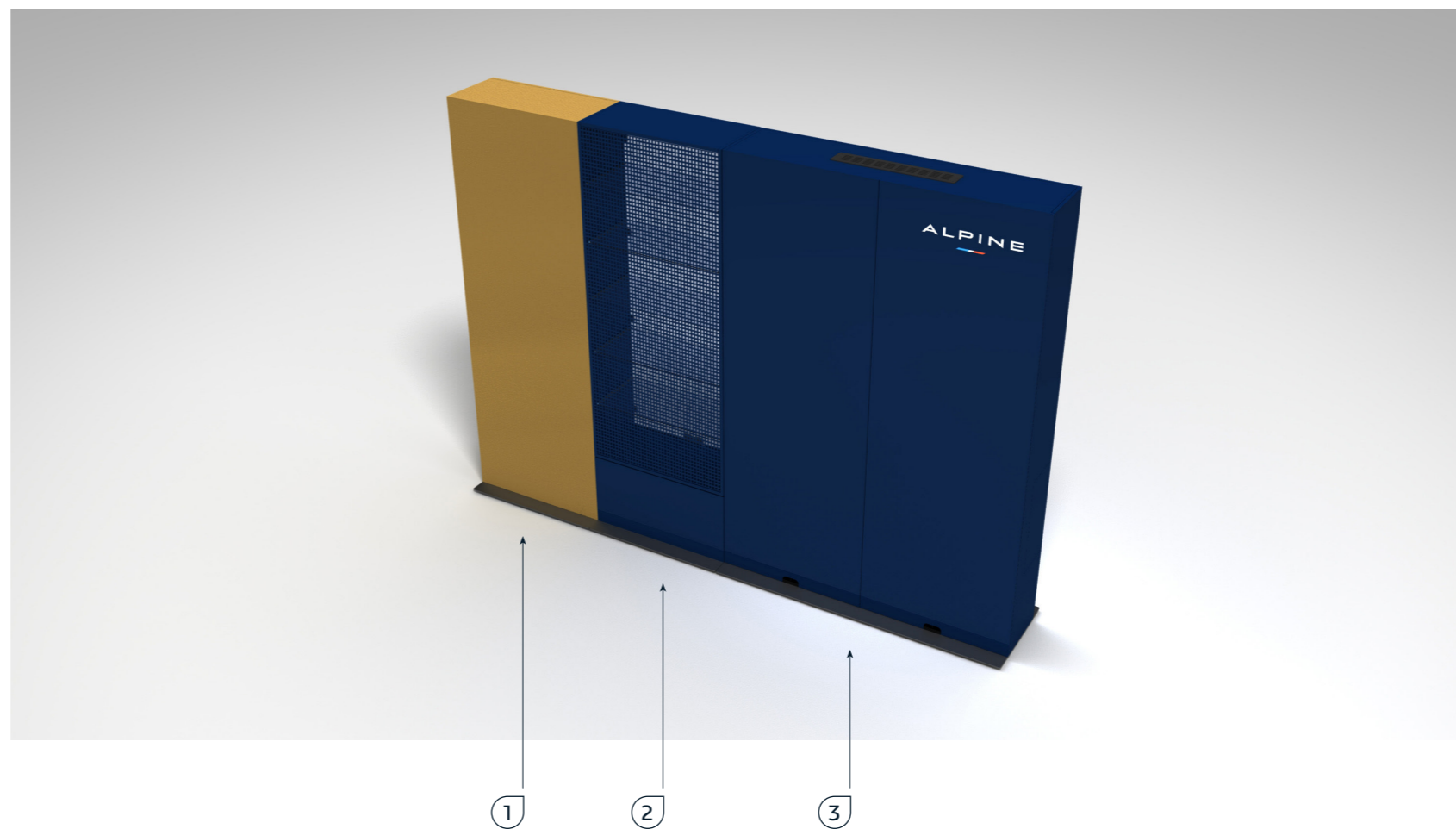


the configurator

back view

Key

1. Storage module.
2. Glazed module.
3. Screen module.



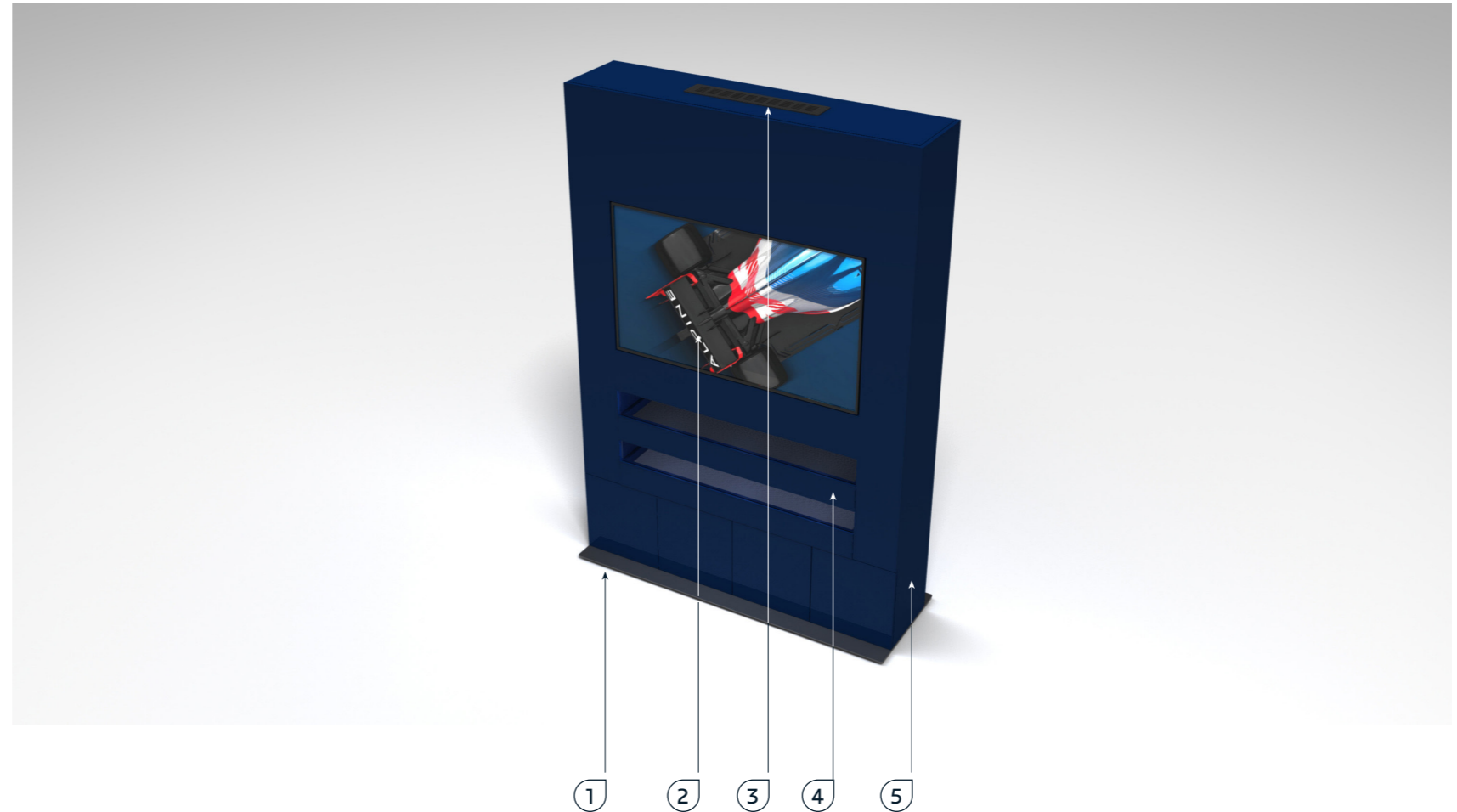
the configurator screen module

Description

This module includes a 55" screen located in a niche. IT equipment is integrated into the body of this module requiring the passage in the rear part a power cable and an ethernet cable RJ45.

Key

1. the turntable.
2. Samsung QMR 55" video screen.
3. The upper side with the grid ventilation.
4. The miniature presentation drawers.
5. The particleboard cladding with midnight blue melamine veneer.

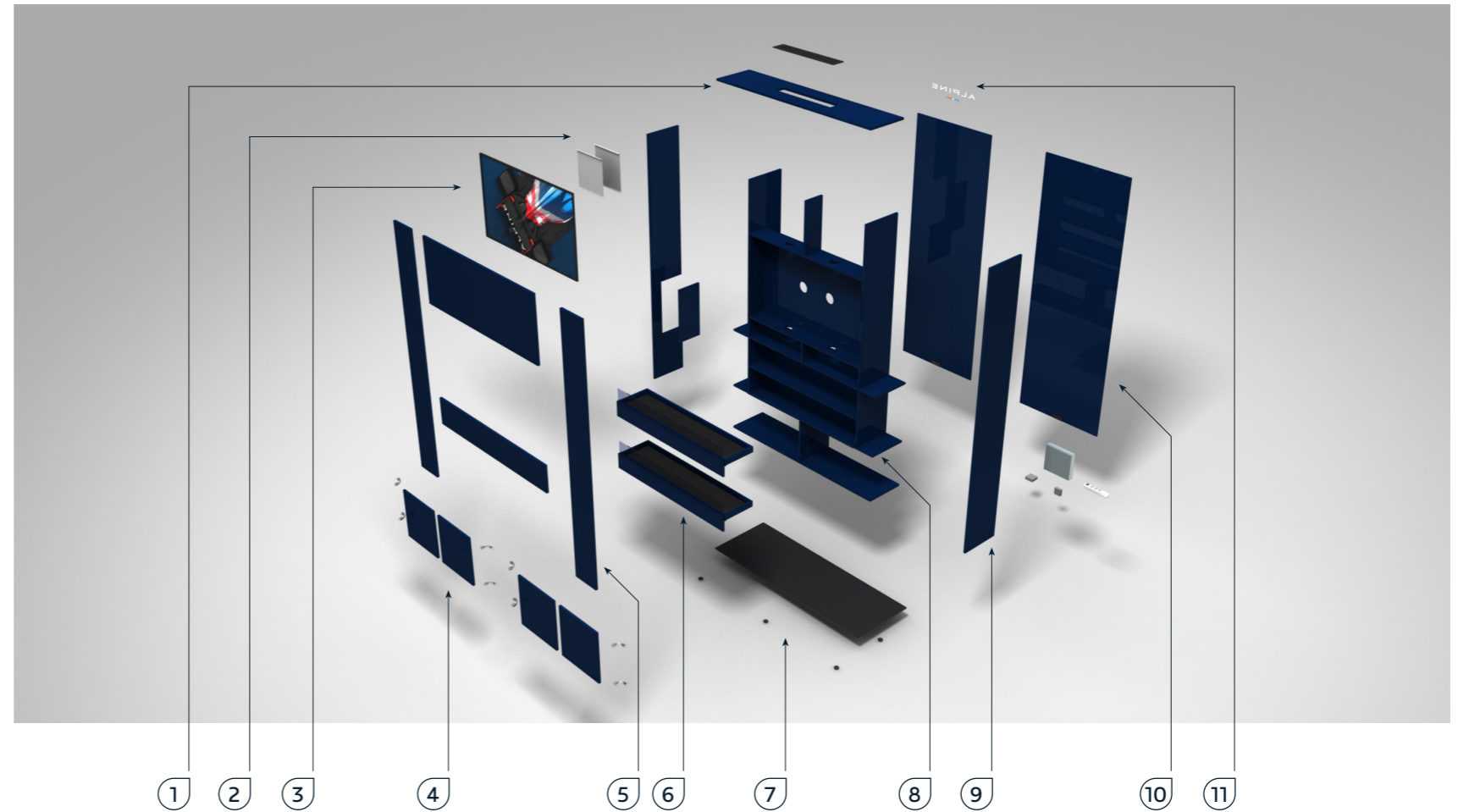


the configurator

screen module - exploded view

Key

1. Pierced top panel with grille ventilation.
2. TV stand.
3. Television.
4. Low wooden doors.
5. Cladding of the front face in panels of particles with midnight blue melamine veneer.
6. Miniature presentation drawers.
7. Stage with rubber pads.
8. Internal structure in wood.
9. Side trim panel.
10. Rear trim panel.
11. Alpine signature made of adhesive.



the configurator showcase module

Description

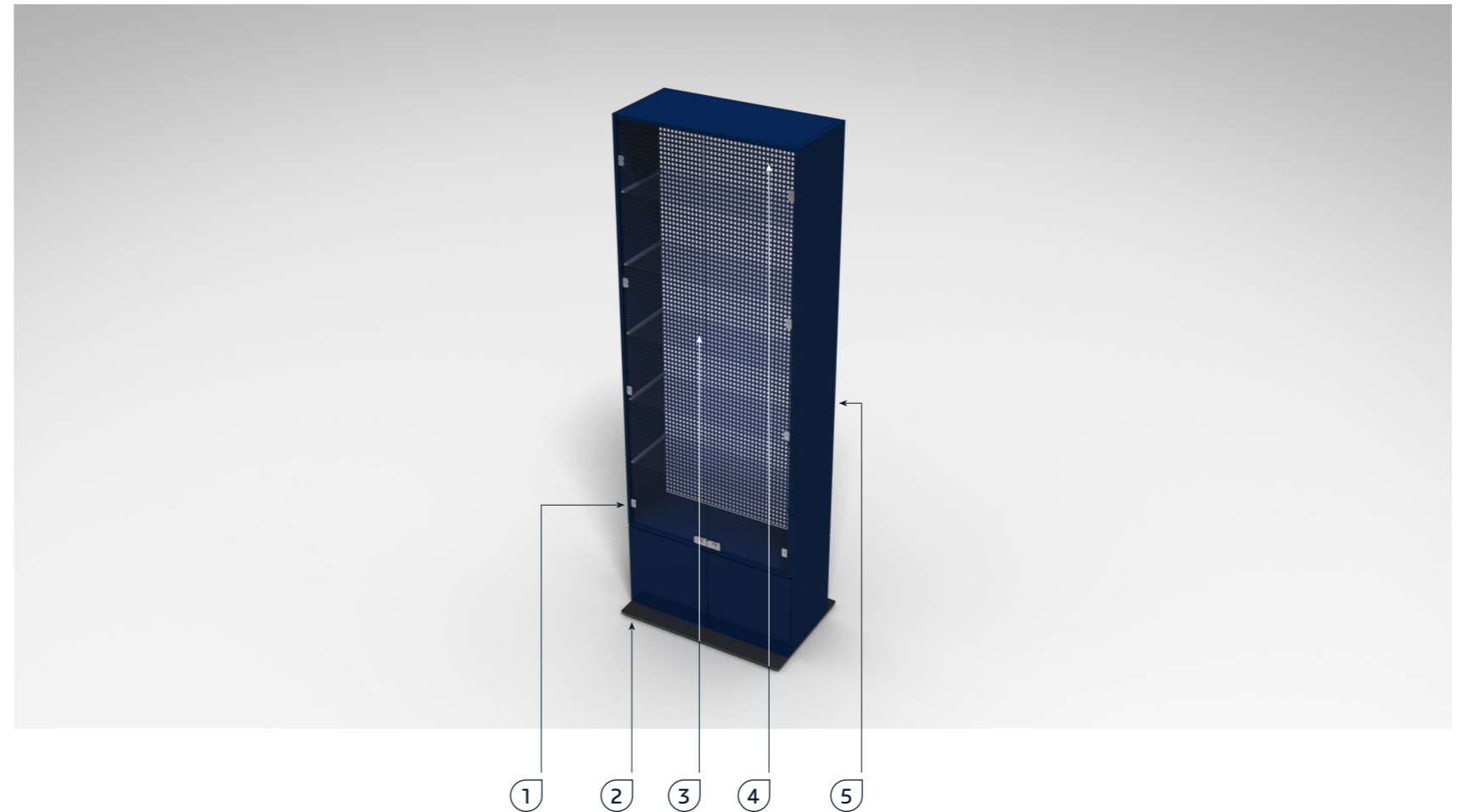
This module comprises, in the lower part, 2 doors in wood and in the upper part, 2 glass doors.

Glass shelves are spaced regularly, fixed on the vertical uprights via aluminum profiles incorporating lighting by LEDs.

The rear part is made of sheet metal perforated steel with flanged edges taken up on the wooden uprights without visible screws.

Key

1. Hinges in chrome finish.
2. Steel plate with rubber pads.
3. ultra white glass shelves.
4. Perforated rear panel.
5. Particleboard cladding with midnight blue melamine veneer.

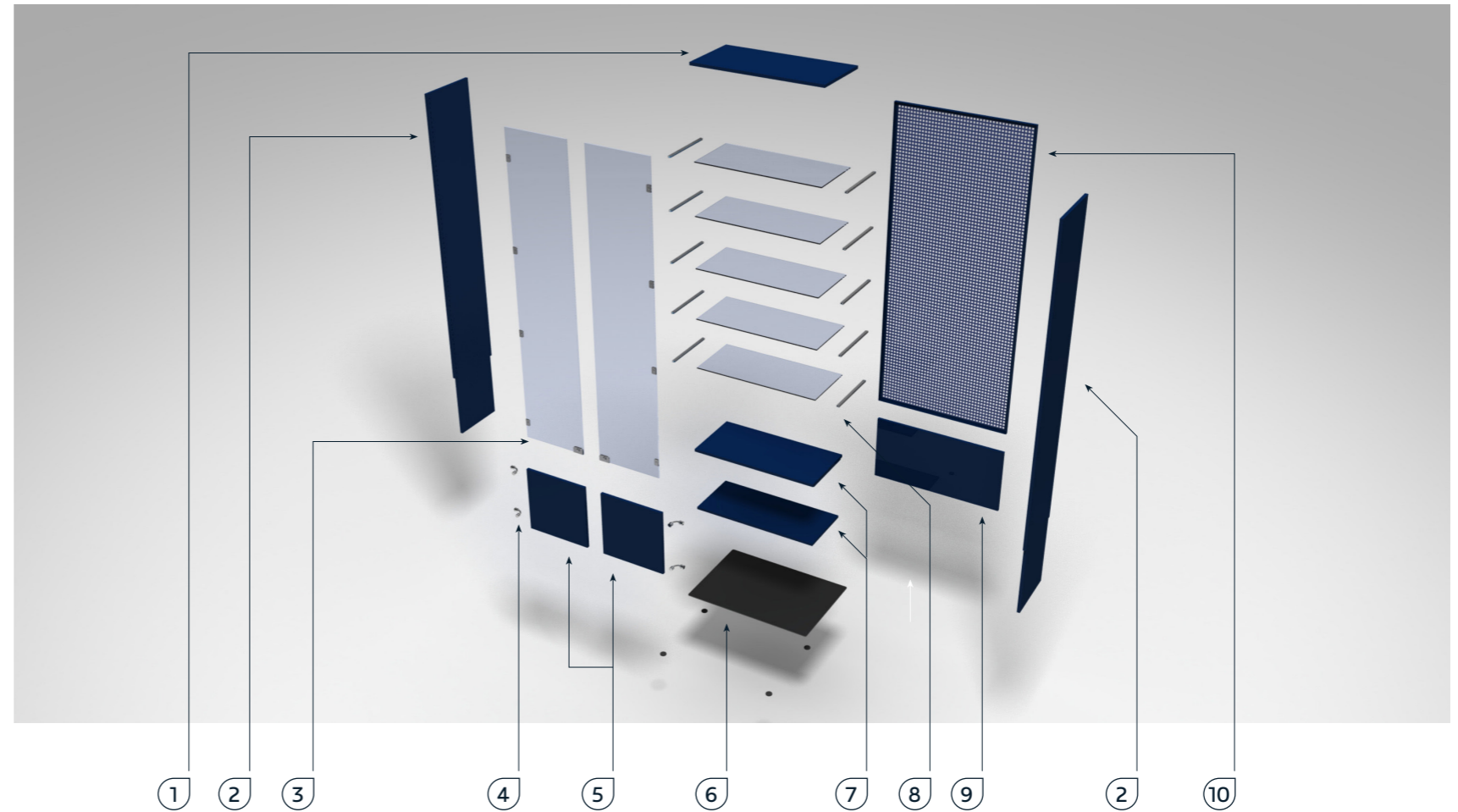


the configurator

showcase module - exploded view

Key

1. Top in panel of particles with midnight blue melamine veneer.
2. Peripheral cladding in panels of particles with midnight blue melamine veneer.
3. Ultra white safety glass doors.
4. Hinges integrated into the back of the doors.
5. Low wooden doors.
6. Stage with rubber pads.
7. Intermediate shelves in plywood particles with midnight blue melamine veneer.
8. 8 Shelves in ultra white safety glass.
9. Back panel in panel of particles with midnight blue melamine veneer.
10. Night blue lacquered perforated steel sheet background.

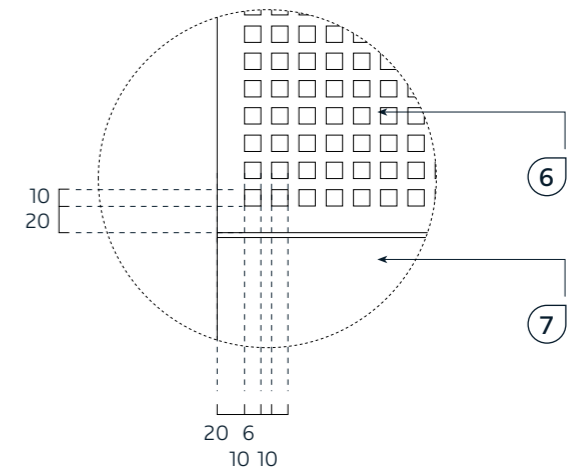
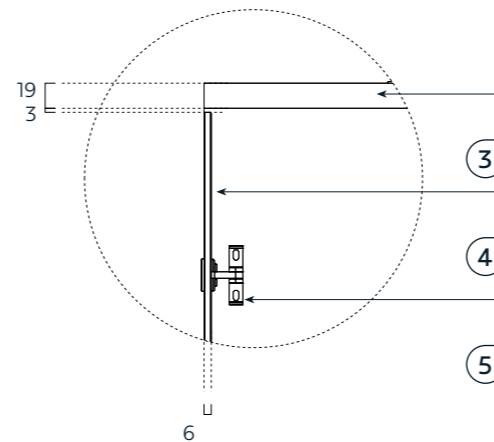
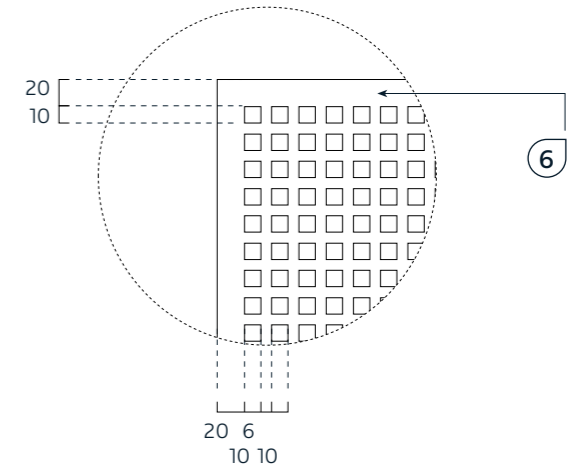
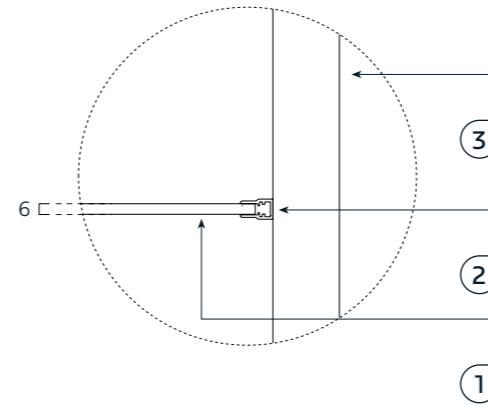


the configurator

showcase details

Key

1. Ultra white glass shelf th. 6mm with safety chamfer.
2. Aluminum shelf fixing profile with integrated led strip, RAL white lighting 6500°K.
3. MDF panel with blue melamine veneer night ep. 19mm.
4. Ultra white glass door th. 6mm with peripheral security chamfer.
5. Hinge in chrome finish with drilling of the glass door for recovery.
6. Midnight blue lacquered steel panel with 10 mm square perforation spaced 6 mm.
7. MDF bottom panel with melamine veneer midnight blue th. 19mm. Veneered edges



the configurator

storage module - exploded view

Description

This module comprises, in the lower part, 2 doors in wood and in the upper part, 2 other doors in wood.

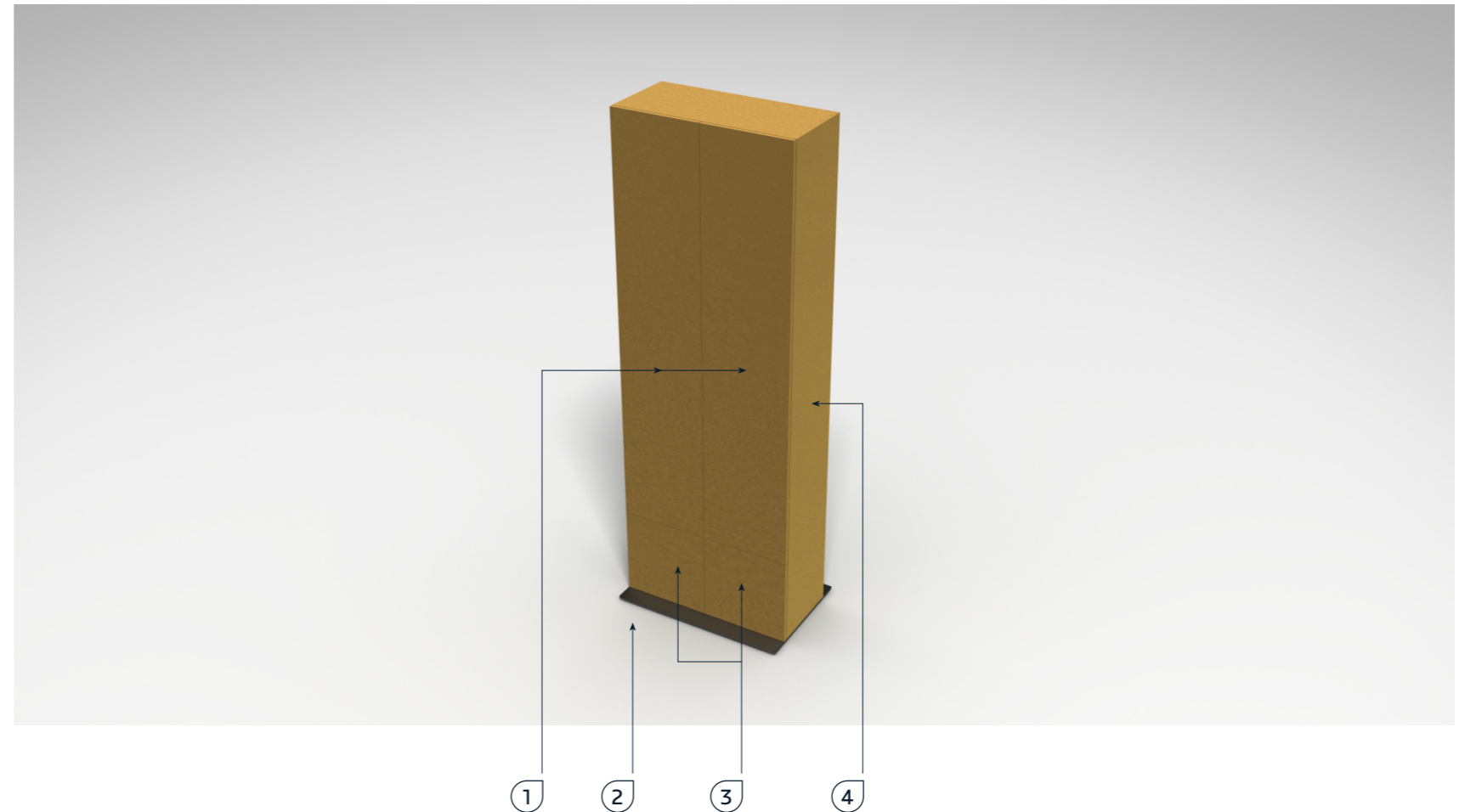
Adjustable wooden shelves are attached to the vertical uprights via cleats.

The rear part consists of a panel in one piece wood.

All wooden surfaces are veneered in melamine in metallic gold finish.

Key

1. Particleboard upper doors with melamine veneer in gold finish metallic.
2. Steel plate with rubber pads.
3. Particleboard lower doors with melamine veneer in gold finish metallic.
4. Peripheral cladding in panels of particles with gold melamine veneer metallic.

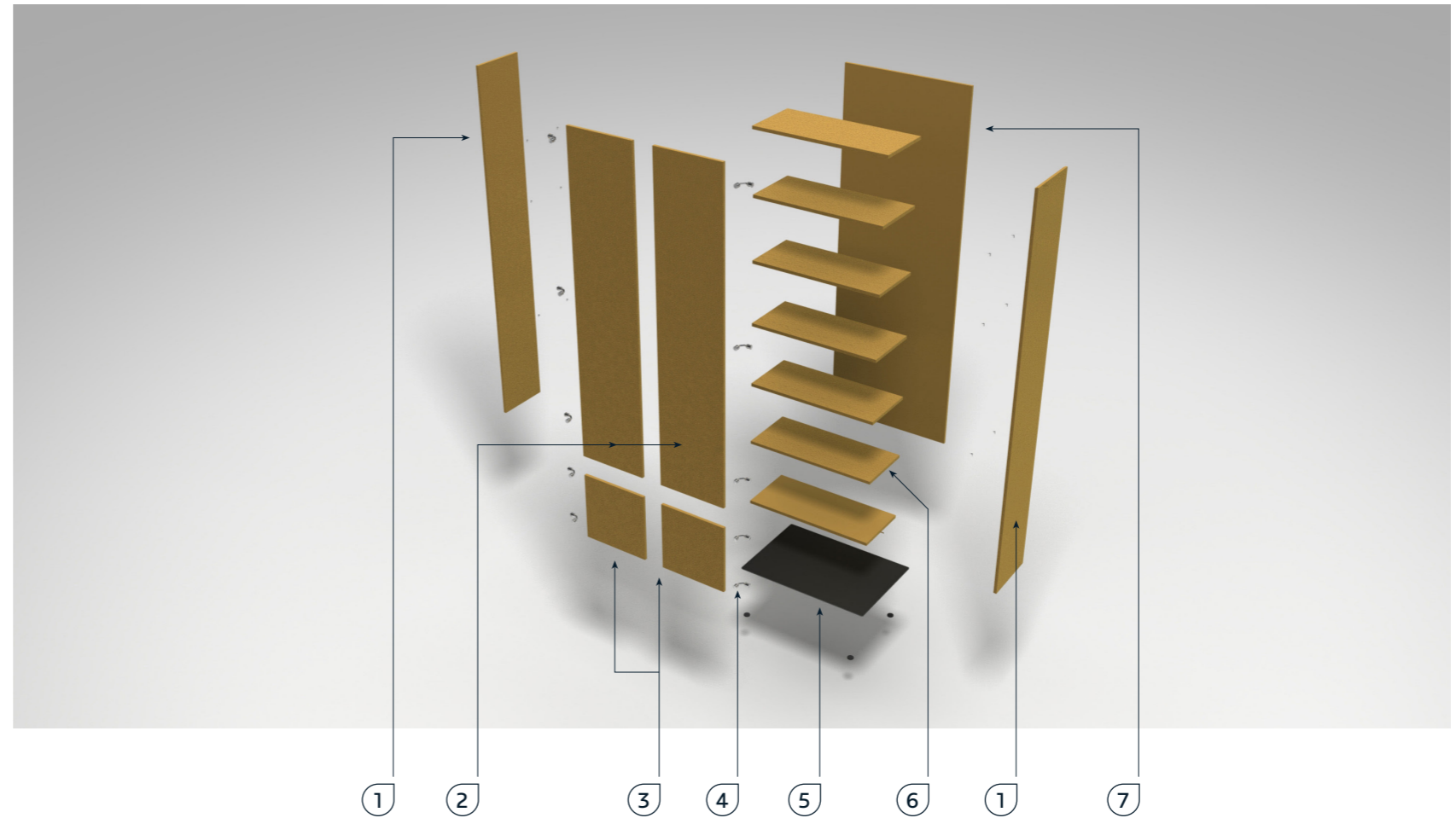


the configurator

storage module - exploded view

Key

1. Peripheral cladding in panels of particles with gold melamine veneer metallic.
2. upper doors.
3. lower doors.
4. Integrated hinges in chrome finish.
5. Steel plate with rubber pads.
6. Particleboard shelves with metallic gold melamine veneer.
7. One-piece panel rear trim of particles with

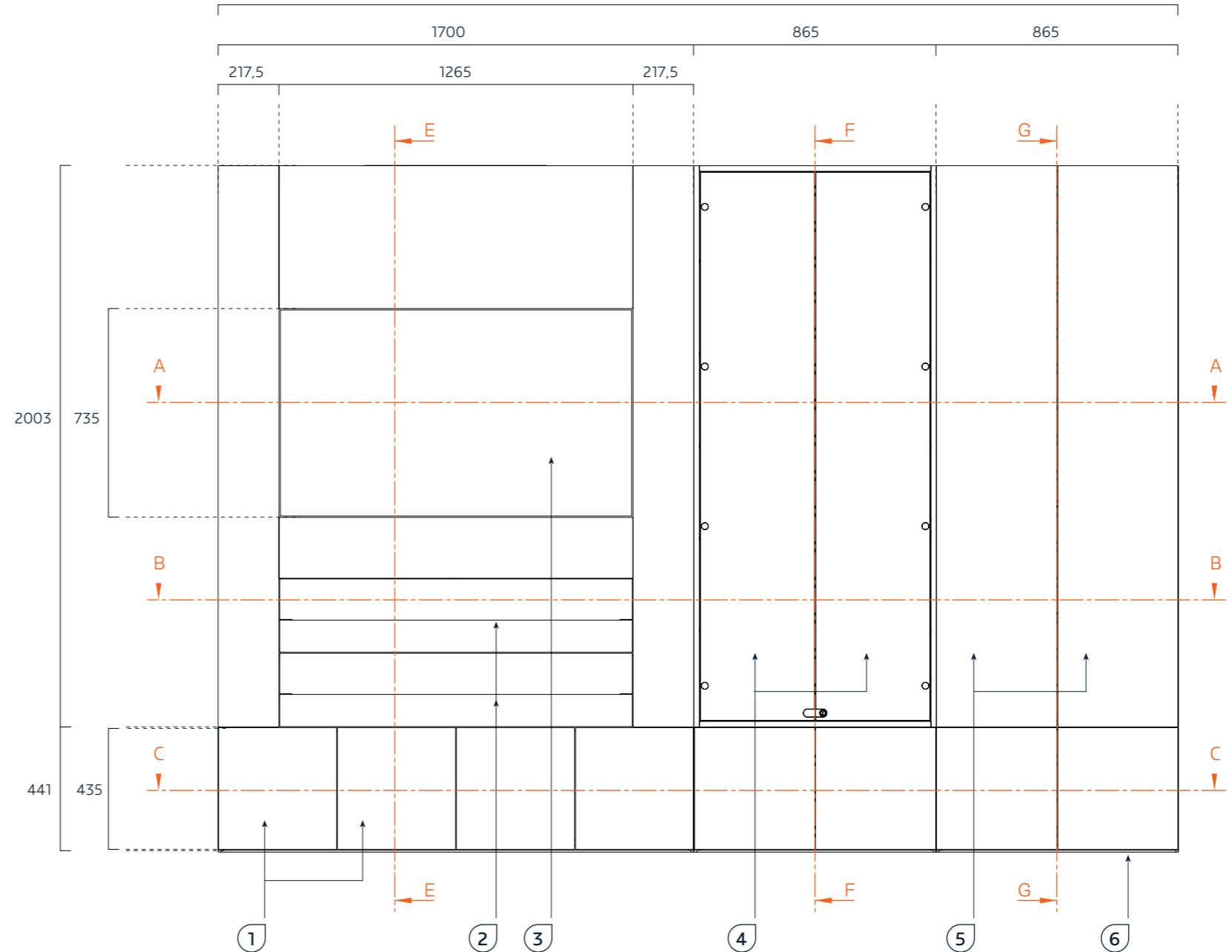


the configurator

front view

Key

1. Wooden doors.
2. drawers.
3. Niche for Samsung QMR 55" screen dimensions W. 1235 x H. 708 x D. 46 mm.
4. glass doors.
5. wooden cupboard doors.
6. steel plates.

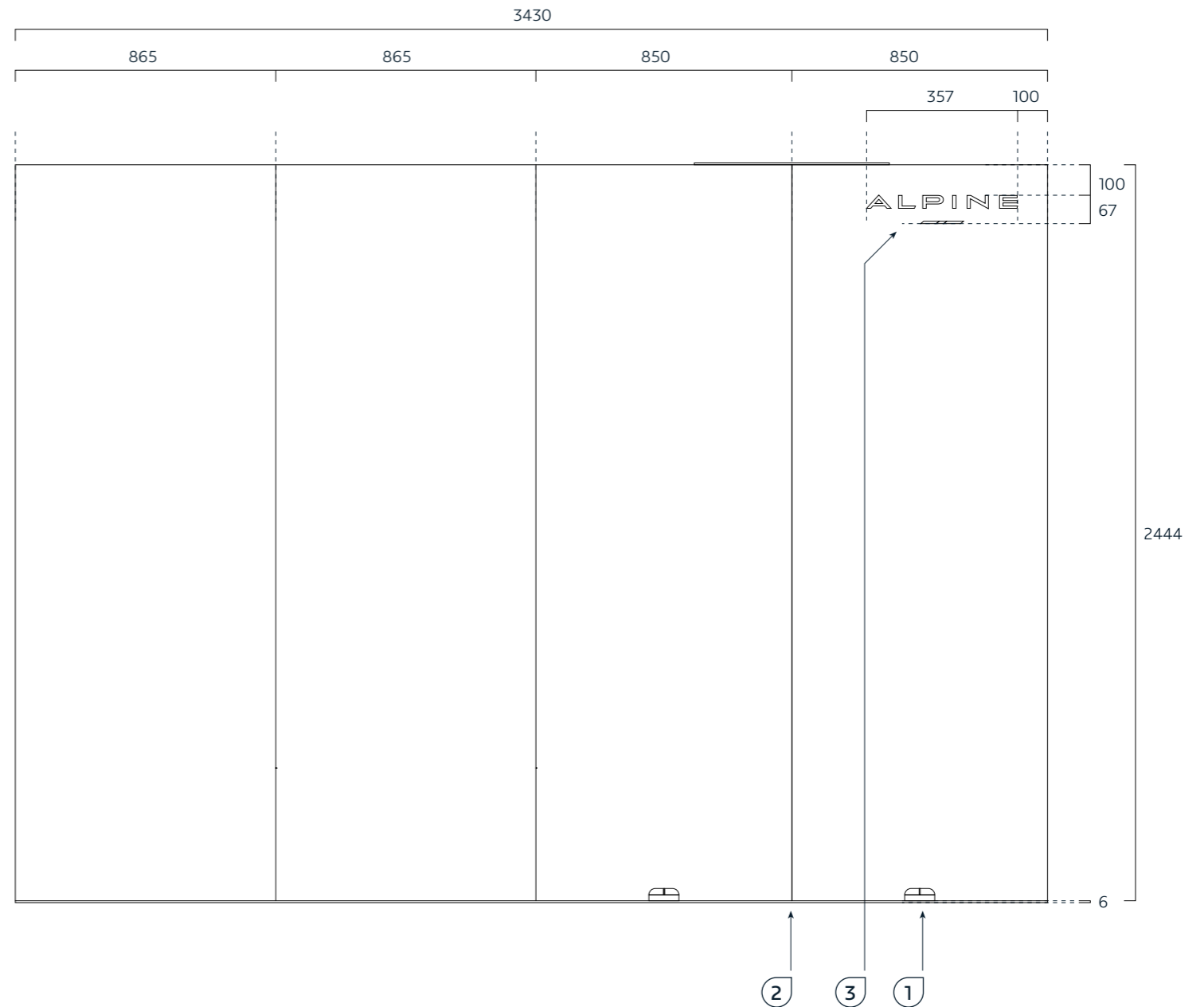


the configurator

back view

Key

1. Cable routing.
2. Edge-to-edge seal.
3. Alpine signature in adhesive.

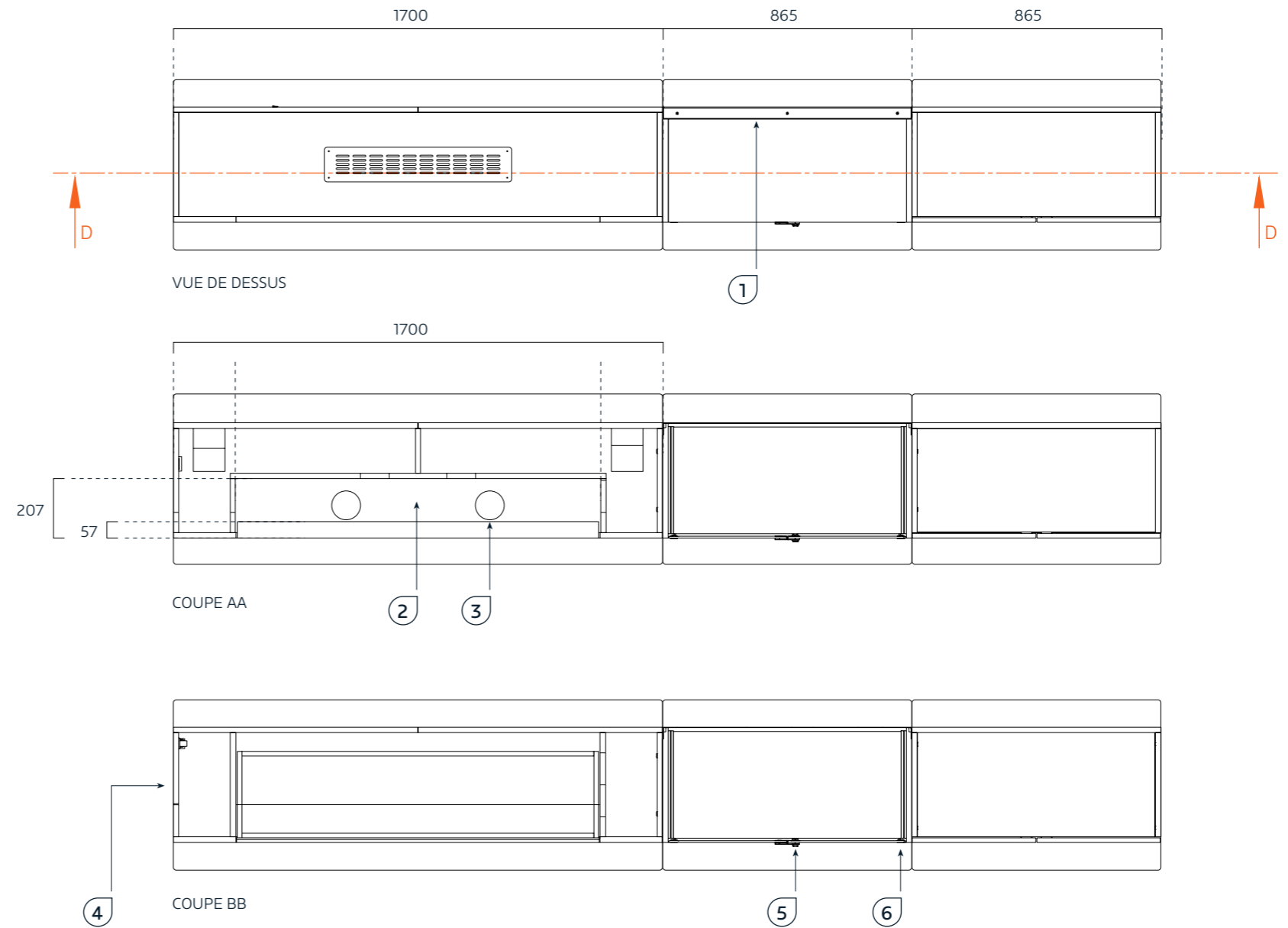


the configurator

top view and sections

Key

1. Perforated steel panel.
2. TV integration niche.
3. Niche ventilation holes.
4. IT equipment access hatch.
5. Glazed door lock.
6. Glass door hinges.

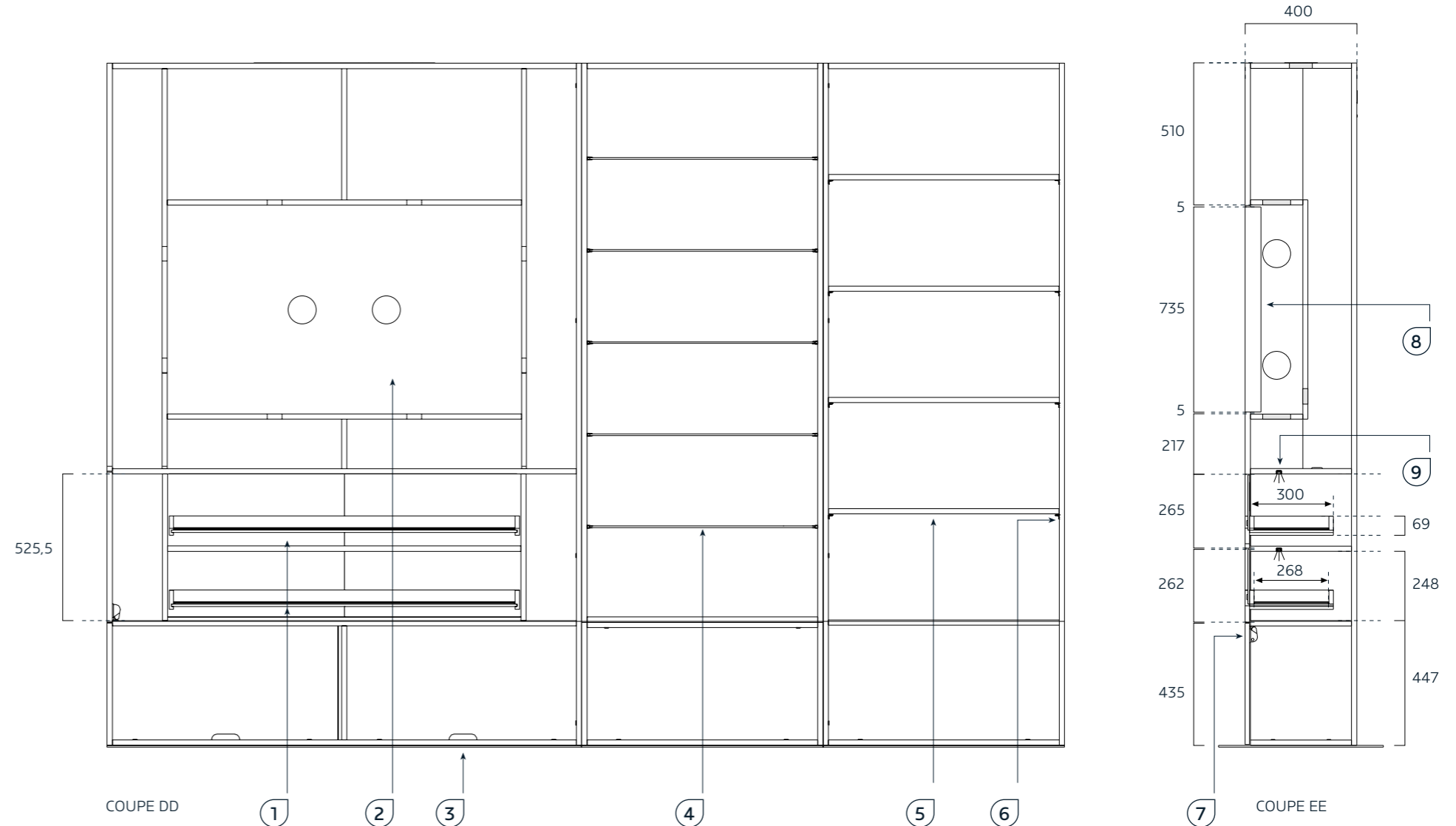


the configurator

sections

Key

1. Drawer mounted on Push/Latch runners.
2. Samsung QM55R TV niche.
Dimensions: 1253.8 x 734.6 x 56.7mm.
3. Cable passage on the rear panel.
4. Ultra white safety glass shelf 6 mm mounted on aluminum profile with tape 6000°K white LEDs.
5. MDF shelves with gold plating.
6. Adjustable cleats in chrome finish.
7. Closing of Push/Latch type doors.
8. Samsung QM55R TV.
Dimensions: 1253.8 x 734.6 x 56.7mm.
9. Aluminum lighting strip with 6000°K LED strip and white PMMA profile diffusing. Panel flush inlay in wood.

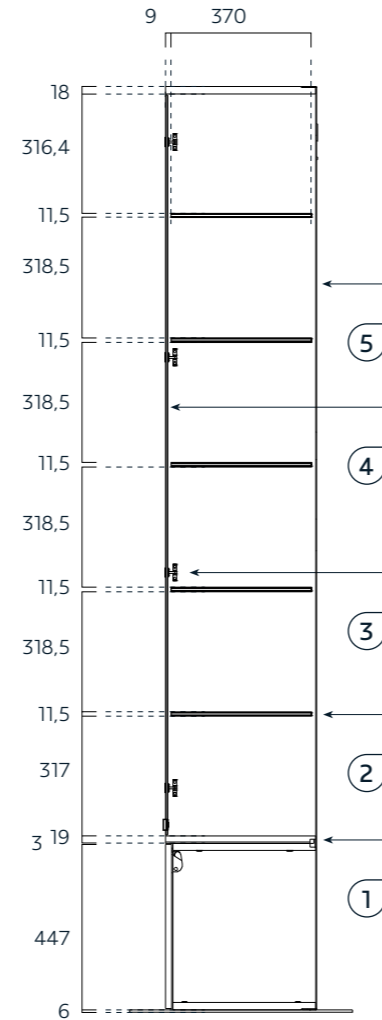


the configurator

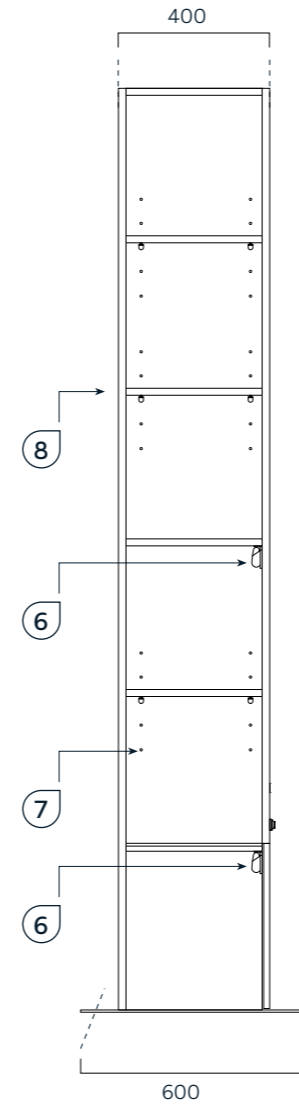
sections

Key

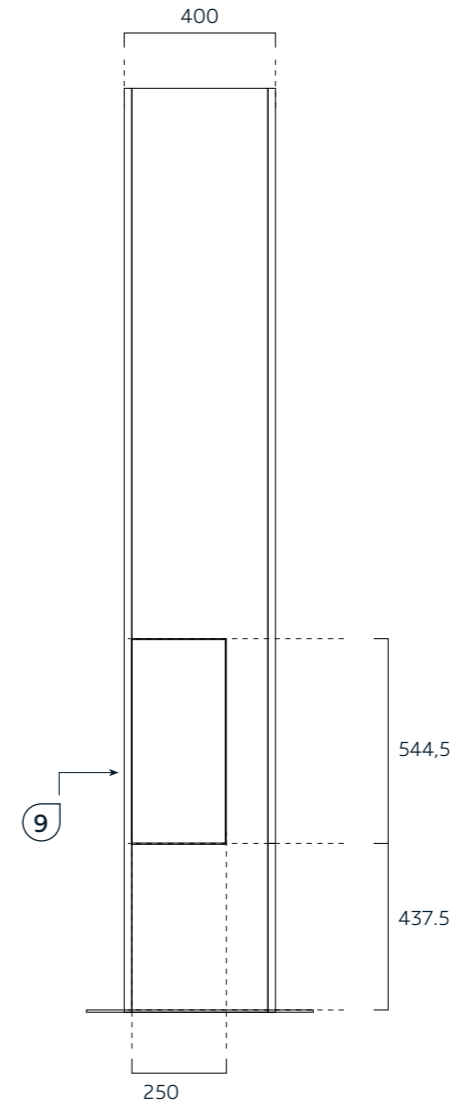
1. Left outer cheek.
2. IT equipment access hatch.
3. Push/Latch closure.
4. Internal partition.
5. Ultra white glass th. 6mm.
6. Drawer front in MDF with veneer midnight blue melamine.
7. Wooden drawer bottom with non-slip coating for positioning of miniatures.



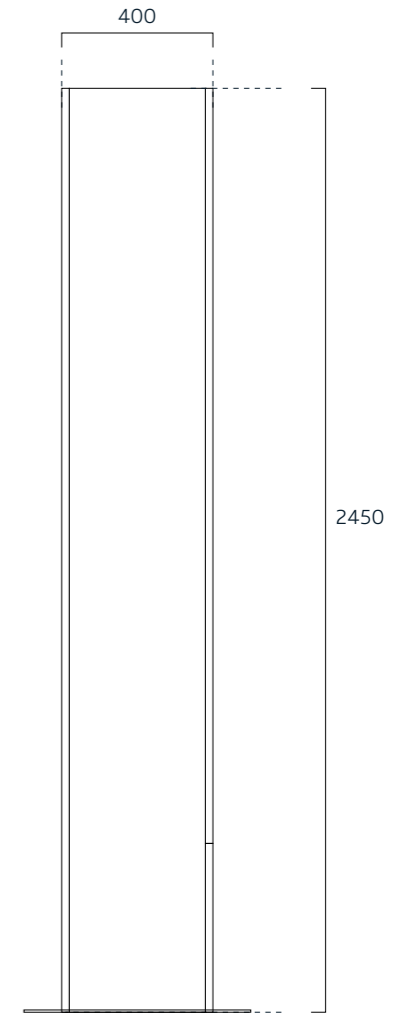
COUPE FF



COUPE GG



CÔTÉ GAUCHE



CÔTÉ DROIT

4. Standard furnitures

the sales area

Large : oval table

Small & Medium : round table



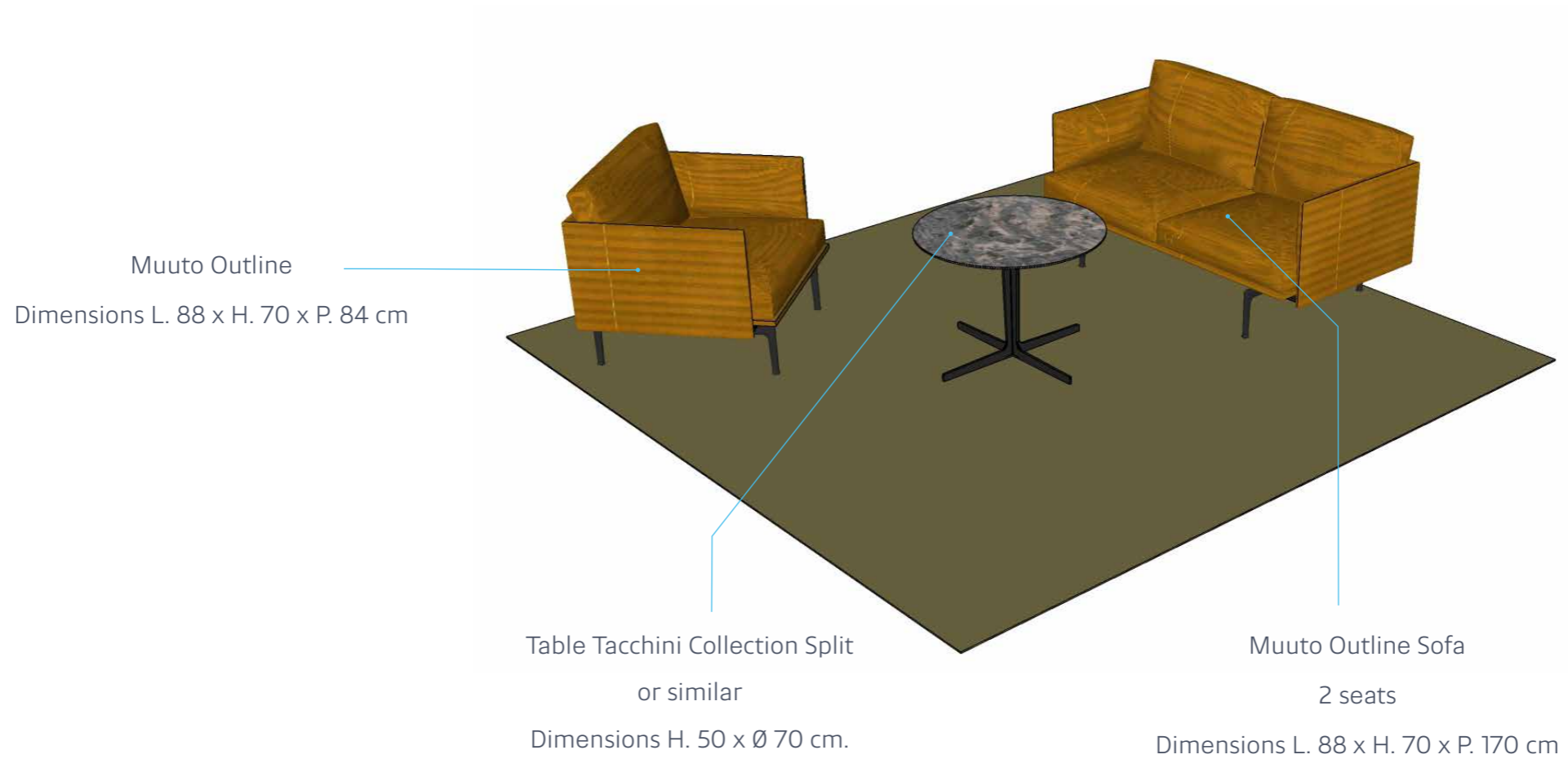
Table Tacchini Collection Split
Dimensions H. 75 x L. 180 x P. 110 cm.



Table Tacchini Collection Split
Dimensions H. 75 x Ø 127 cm.

lounge area - Small

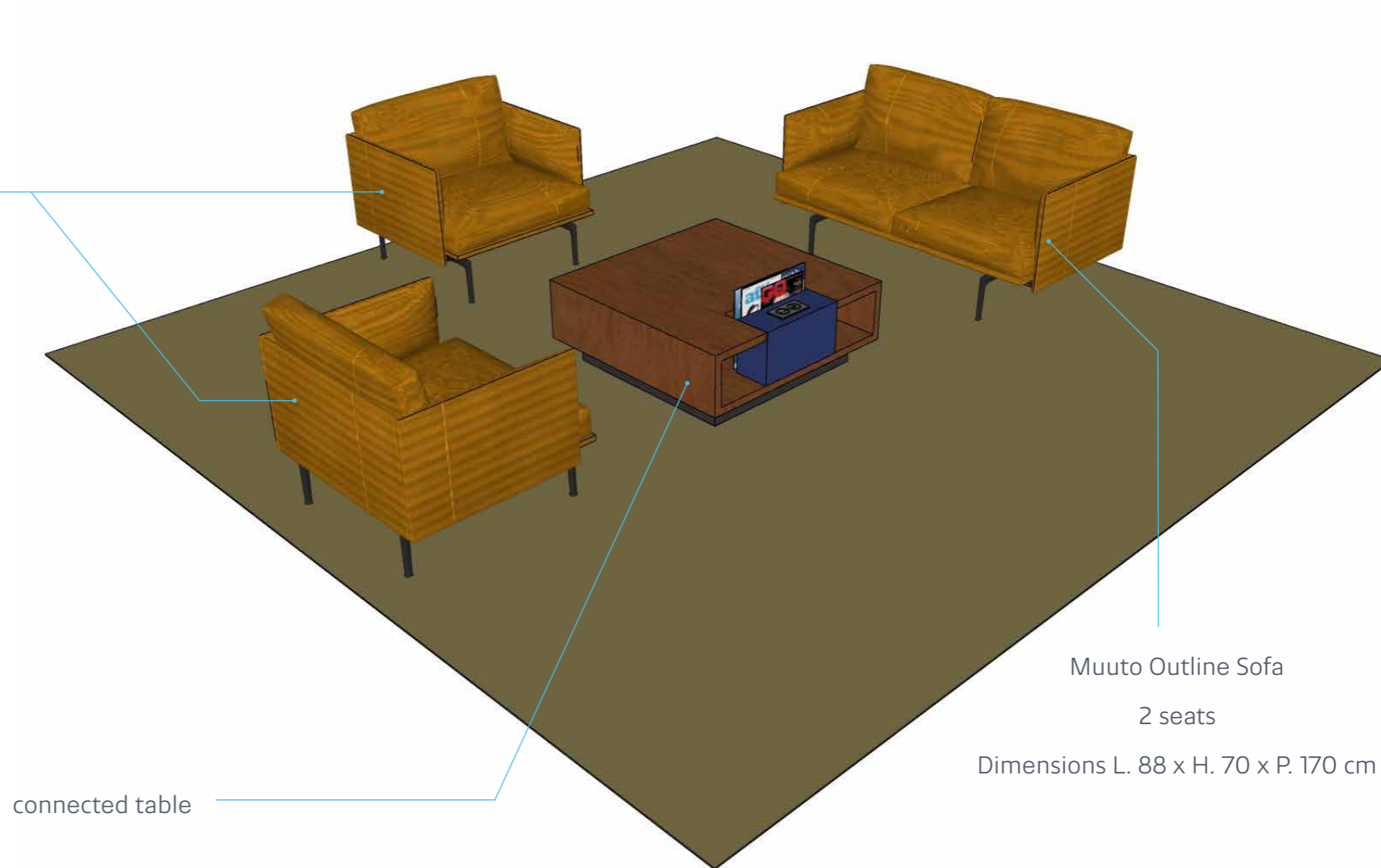
the 2-seater bench + 1 armchair
small marble coffee table



lounge area - Medium - Large

la banquette 2 places + 2 fauteuils
la table connectée (cf; p.86)

Muuto Outline
Dimensions L. 88 x H. 70 x P. 84 cm



Muuto Outline Sofa
2 seats
Dimensions L. 88 x H. 70 x P. 170 cm

connected table

reception furniture general

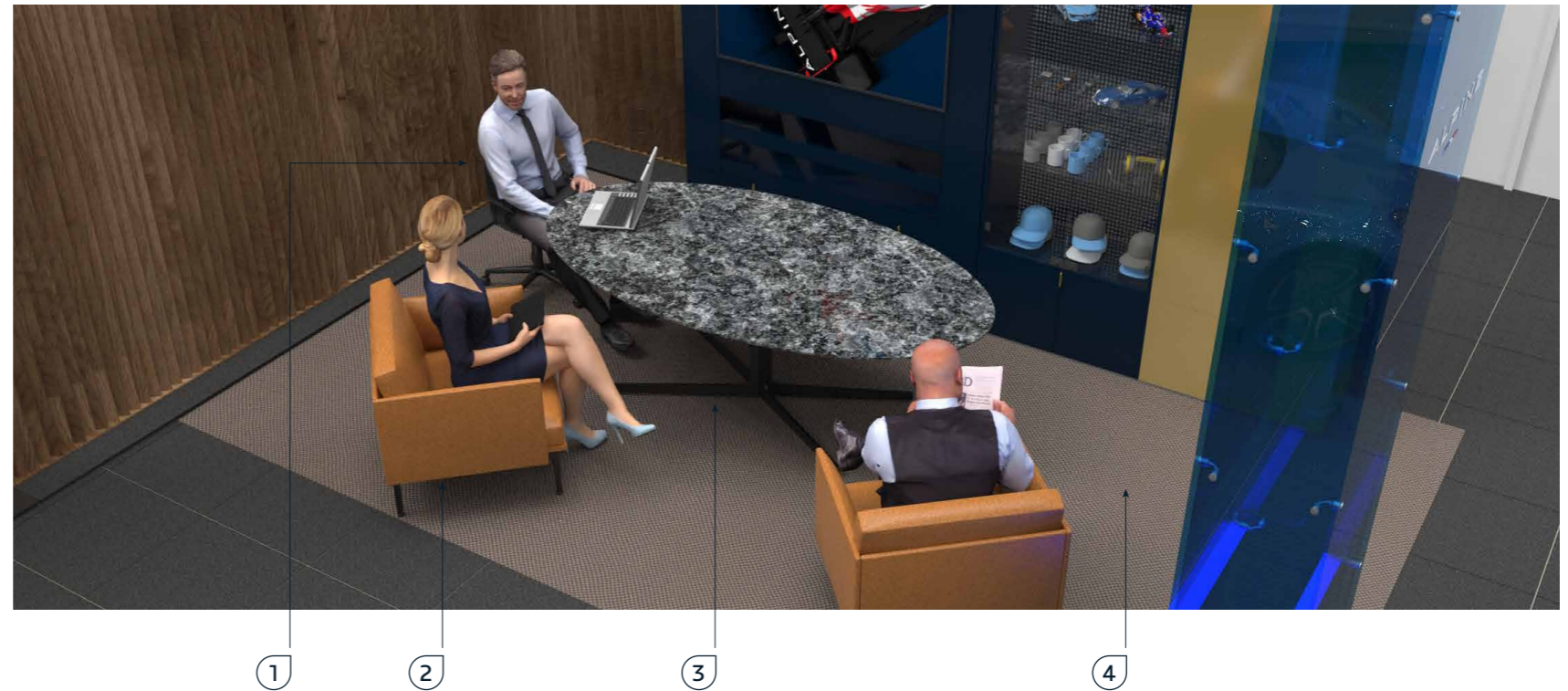
Presentation

The furniture makes it possible to welcome customers in good conditions.

It consists of a table, armchairs for use customers and a chair, all arranged on a beige carpet.

Key

1. The counselor's chair.
2. The customer chair.
3. The table.
4. The carpet.



the reception furniture

the Lottus Enea high chair

Description

Fixed or swivel, the Lottus High spin chair has a 4-legged structure in black lacquered steel and has an upholstered seat finish.

Black lacquered aluminum armrests provide additional comfort to the seller.

Brand	Enea
Collection	Lottus
Designer	Lievore Altherr Molina
Dimensions	L. 63 x H. 84 x D. 54 cm
Seat height	45 cm
Finish	Camira Urban black fabric finish for the backrest and cushion
Base	Injected aluminum painted black RAL 9005 on castors
Armrests	Injected aluminum painted black RAL 9005



the reception furniture

the split Tacchini table - small

Description

Table ovale avec un piétement en acier verni noir et un plateau rond en marbre noir.

Brand	Tacchini
Collection	Split
Designer	Claesson, Koivisto, Rune
Dimensions	H. 72 x L. 1270 x P.1270 cm
Material	Marbre noir
Base	T09 black laquered steel



the reception furniture

the Split Tacchini table

Description

Oval table with a black painted steel base and a round black marble top.

Brand	Tacchini
Collection	Split
Designer	Claesson, Koivisto, Rune
Dimensions	H. 75 x L. 180 x D. 110 cm.
Material	Black marble tray
Base	T09 black lacquered steel



the reception furniture

the Muuto Outline armchair

Description

The Outline series adds new perspectives to classic Scandinavian design furniture from the 1960s, marrying the ideals of simplicity and functionality.

The Outline series is clean and elegant with a deep seat and soft padding of the seat and back.

Brand	Muuto
Collection	Outline
Designer	Anderssen & Voll
Dimensions	L. 88 x H. 70 x D. 84 cm
Weight	28.00 kg
Seat height	40 cm
Finish	Volcano Leather finish.
Base	Black lacquered aluminum



the reception furniture

the Muuto Outline sofa

Brand	Muuto
Collection	Outline
Designer	Anderssen & Voll
Dimensions	L 170 x 57.5 x P. 84 cm
Weight	55.00 kg
Seat height	40 cm
Finish Volcano	Leather finish.
Base	Black lacquered aluminum



the reception furniture

Conmotto bar stool

Description

This chair by Werner Aisslinger is based on two ideas: on the one hand, using the latest materials and technologies, on the other hand, the challenge of creating a timeless piece with a recognizable form.

The shell is made from 100% recyclable fleece felt, a newly developed technology that provides comfortable, plush padding.

Brand	Conmoto
Collection	Chairman
Designer	Werner Aisslinger
Dimensions	L.49 x H. 86 x P.55 cm
Finish	Steel siding in black lacquered
Weight	5.70 kg
Seat height	76 cm



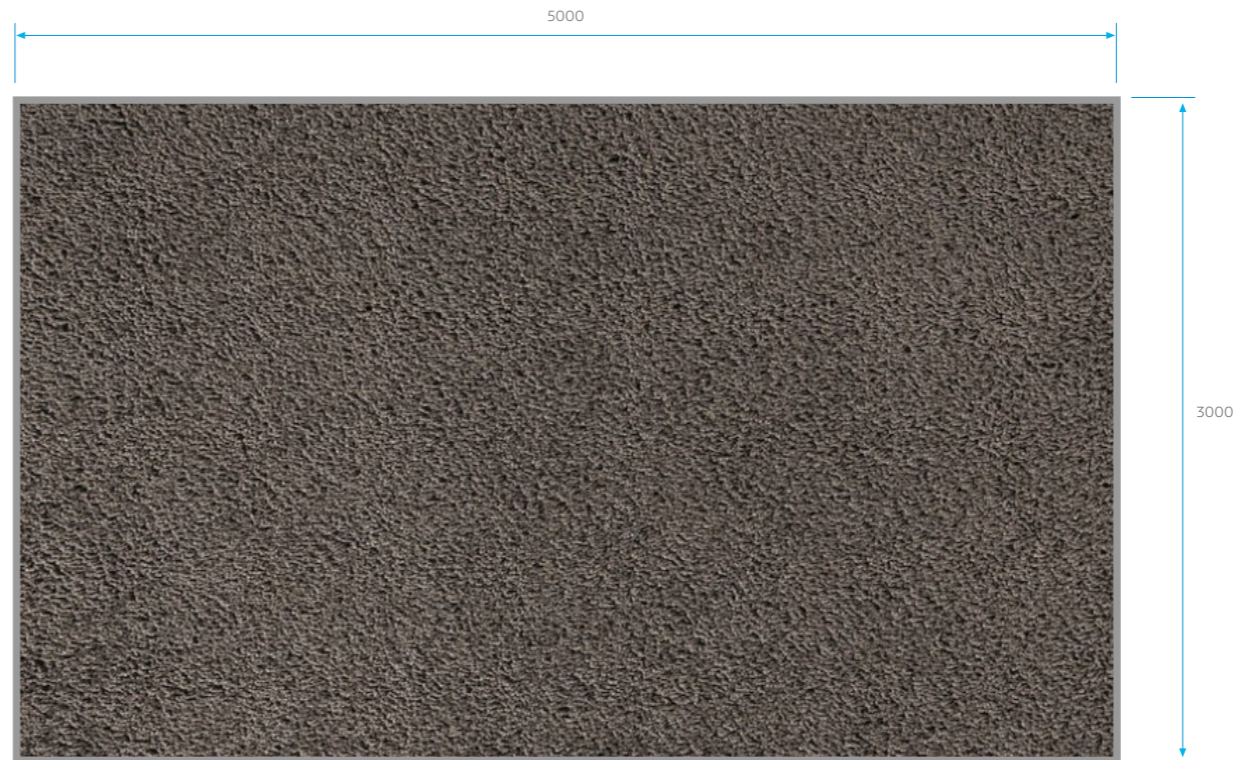
the reception furniture

Vorwerk carpet

Description

With a soft shine and a fluffy feel, PASSION 1003 is a high pile rug that offers, with its texture, a shimmering effect and ensures a comfortable experience in the retail space.

Brand	VORWERK
Collection	Passion 1003 Bella Range
Reference	5V25 with overlocked edges
Class of use	23
Thickness	9.7 mm
Weight	1950 g / m ²
Features	Antistatic and fire resistance (Cfl-s1)
Dimensions	L.300 x W.500 cm



5.

Sound & lighting

showroom

electricity

General facts

- Electrical outlets.
- Electric passages and arrivals.

Cable ways

Particular attention will be paid to the cohabitation between strong current and weak current and in particular on the routes in cable tray.

Recessed or flooded installation

The pipes laid in a hidden way will be installed, either under IRO 5 APE tube in recess or under grey I.C.D tube flooded during construction. In both cases, mechanical protection will be provided from the outlet of the embedded or embedded tubes to the inlets of the junction boxes (Capriplast type sheath).

For recessed installation, all implementation work (trenching, filling) is the responsibility of this lot. Recessed or embedded tubes must not include any elbow, square, tees, etc. in order to allow easy replacement of the conductors.

Installation in a removable false ceiling

In general, the pipes will be laid on a cable tray fixed directly to the hull, all the holes, iron and slab being the responsibility of this lot. Attention is drawn to the fact that all holes must be made in accordance with the structural work package.

In addition, close coordination must be made between the different lots such as heating, air conditioning, plumbing,

electricity, weak currents, false ceilings ... in order to establish during the preparation period plans for the passage of ducts, pipes, cable ducts. and all the attachment systems.

Installation in construction vacuum

Under IRO 5 APE or ICD grey tube fixed to the walls so as to allow easy re-referral. Conduit allowing easy replacement of conductors. In these routes, the cables must in no case be fixed to the walls.

Ground sockets

- Type Legrand Ref. 68995626
- Protection index: IP44
- Installation method: recessed
- Automatic terminal: Yes
- Finish: brushed metal.

showroom sound system

Description

- Colour Matt black
- Installation height 350 cm
- Fixing On ceiling
- Wiring Hidden in the wall

300 ICW 8
Fiche Produit




Aimants pour fixation grilles magnétiques. Patins anti-vibratoires.



Poignées d'orientation pour fixer l'enceinte au cadre de montage sans outils.



Tweeter à dôme inversé en Al/Mg 25 mm avec suspension Poron. Aigu plus soyeux.




Easy Quick Install, montage sans outils, simple et rapide. Système compatible pour mur/plafond d'épaisseur de 5 à 30 mm.



Médium grave 21 cm Membrane Flax : neutralité, définition du son.



Protection arrière du produit contre poussières.





Tweeter orientable. Optimisation de la réponse hors axe.



Réglage du niveau du tweeter -3 dB, 0 dB, +3 dB. Egalisation des aigus en fonction de l'acoustique de la pièce.



Points clés

- Enceinte encastrable coaxiale 2 voies
- Montage du produit sans outil
- Haut-parleur développé et fabriqué en France par Focal
- Livré avec grilles carrées et circulaires et masque de protection
- Contrôle de la réponse hors axe l'orientation tweeter et réglage gain

Technical specifications

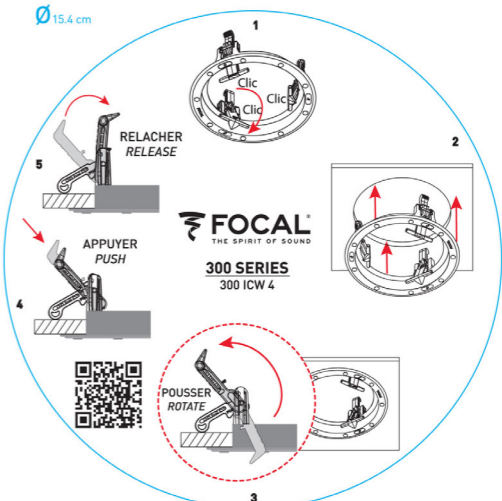
Type	2 voies
Haut-parleurs	Grave/Médium Flax 21 cm Tweeter à dôme inversé Al/Mg 25 mm
Sensibilité (2,83 V / 1 m)	90 dB
Bande passante (+/- 3 dB)	48 Hz - 28 kHz
Coupeure basse (-6 dB)	35 Hz
Impédance nominale	8 Ohms
Impédance minimum	4,5 Ohms
Puissance ampli recommandée	25 - 150 W
Dimensions (Ø x profondeur)	299 x 127 mm
Diamètre d'encastrement	264 mm
Profondeur d'encastrement	122 mm
Poids net (avec grille)	3,2 kg
Dimensions carton (L x P x H)	375 x 375 x 310 mm
Poids total carton	5,1 kg




Focal® est une marque de Focal-JMLab® - www.focal.com - SCAB-150821/1


SPECIFICATIONS

Ø 15.4 cm





300 SERIES
300 ICW 4



IMPLEMENTATION


showroom lighting

Kokka 1533 spotlights of Yaki light


Adjustable Led spotlights mounted on rails suspended from the ceiling.

- Power 40 watts
- Angle 36 °
- IRC 95
- Temperature 4000 ° K
- Colour Black
- Dimensions 87 x 81 x 92 cm

FICHE TECHNIQUE
ÉCLAIRAGE INTÉRIEUR // Track Spot LED // KOKKA



20810132 - KOKKA Rectange 38W



21360022/23 - KOKKA 20W/40W

Im
3 990

Im/w
105

IP
20

30.000h

3 ans

Im
1 350 et 2700

Im/w
67,5

IP
20

30.000h

3 ans

100-240 V/AC

100°

IRC
80

via rail

CE-RoHS

220-240 V/AC

36°

IRC
95

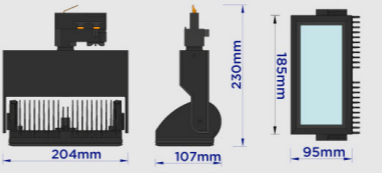
via rail

CE-RoHS

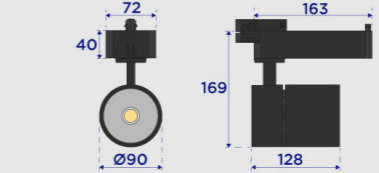
KOKKA - Spots pour éclairage intérieur via rail d'alimentation 3 points

Référence	Désignation	Poids	Couleur LED	IRC	Finition	Focale	Puissance	Flux lumineux	Efficacité lumineuse	Cond.
20810132	Track Spot KOKKA rectange	1 480g	Blanc WW - 3 000K - 3 500K	80	Noir	100°	38 W	3990	105	1
21360022	Track Spot KOKKA 1533	1 100g	Blanc WW - 2 800K - 3 200K	95	Noir	36°	20 W	1350	67,5	1
21360023	Track Spot KOKKA 1533	1 100g	Blanc NW - 3 800K - 4 200K	95	Noir	36°	40 W	2700	67,5	1

Dimensions



KOKKA 20810132



KOKKA 21360022 - 21360023

APPLICATIONS

- Luminaire
- Eclairage tertiaire
- Agencement & mobilier

CARACTÉRISTIQUES

- Dimmable 230V sur demande
- Grand respect des couleurs IRC > 90
- Garantie 3 ans

CERTIFICATIONS

- CE
- RoHS

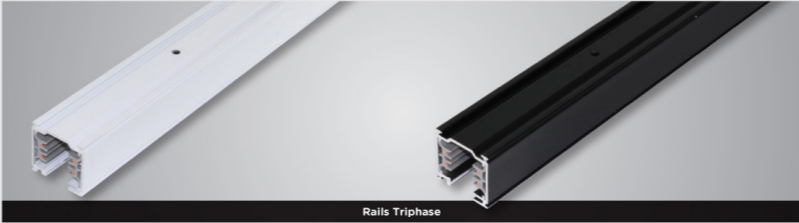
showroom lighting

Power rails for projectors suspended from the ceiling.

Protection	16A line circuit breaker
Maximum power	3500W of LED projectors supported by lines
Length	1000, 2000 or 3000 mm
Colour	Black
Medium weight	Lighting by rail: 2 kg / m ²
Maximum load	Option 1: 2 kg every 20 cm = 1 attachment point every 80 cm Option 2: 5 kg every 20 cm = 1 attachment point every 40 cm

Note:
Installation diagram and electrical supply according to Preliminary Design Project.


FICHE TECHNIQUE
ÉCLAIRAGE INTÉRIEUR // Track Spot LED // KOKKA



Rails Triphase

KOKKA - Rails triphase

Référence	Désignation	Dimensions	Finition	Cond.
12002N	Rail triphase d'alimentation	1000mm	Noir	1
12004N	Rail triphase d'alimentation	2000mm	Noir	1
12006N	Rail triphase d'alimentation	3000mm	Noir	1
12001B	Rail triphase d'alimentation	1000mm	Blanc	1
12003B	Rail triphase d'alimentation	2000mm	Blanc	1
12005B	Rail triphase d'alimentation	3000mm	Blanc	1



KOKKA - Alimentations et adaptateurs triphase universels

Référence	Désignation	Finition	Cond.
12007B	Adaptateur triphase universel	Blanc	1
12008N	Adaptateur triphase universel	Noir	1
12009B	Alimentation droite	Blanc	1
12010N	Alimentation droite	Noir	1
12011B	Alimentation gauche	Blanc	1
12012N	Alimentation gauche	Noir	1
12013B	Alimentation centrale	Blanc	1
12014N	Alimentation centrale	Noir	1

showroom lighting

Accessories for suspension rails

These accessories are used to connect the rails to each other and to ensure the finishing of the terminations.

Colour Black

F I C H E T E C H N I Q U E
ÉCLAIRAGE INTÉRIEUR // Track Spot LED // KOKKA



KOKKA - Raccords, embouts et connecteurs

Référence	Désignation	Finition	Cond.
12017B	Coude rigide droit	Blanc	1
12018N	Coude rigide droit	Noir	1
12019B	Coude rigide gauche	Blanc	1
12020N	Coude rigide gauche	Noir	1
12021B	Raccord en T droit	Blanc	1
12022N	Raccord en T droit	Noir	1
12023B	Raccord en T gauche	Blanc	1
12024N	Raccord en T gauche	Noir	1
12025B	Raccord en croix	Blanc	1
12026N	Raccord en croix	Noir	1
12027B	Raccord en ligne	Blanc	1
12028N	Raccord en ligne	Noir	1
12029B	Coude flexible	Blanc	1
12030N	Coude flexible	Noir	1
12015B	Embout de fermeture	Blanc	1
12016N	Embout de fermeture	Noir	1

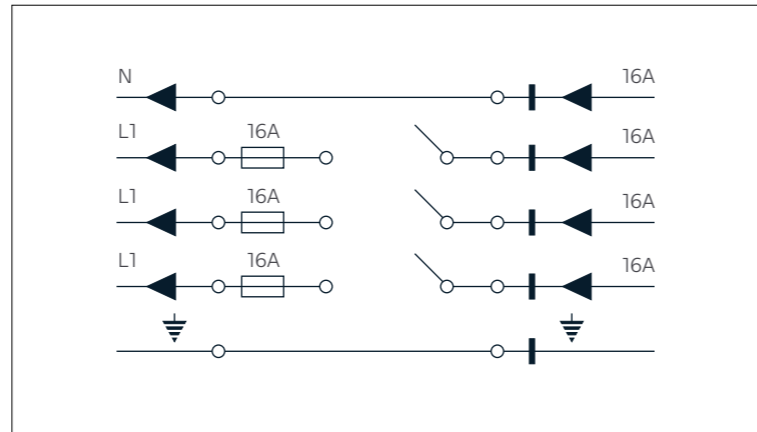
showroom lighting

General principle of supply

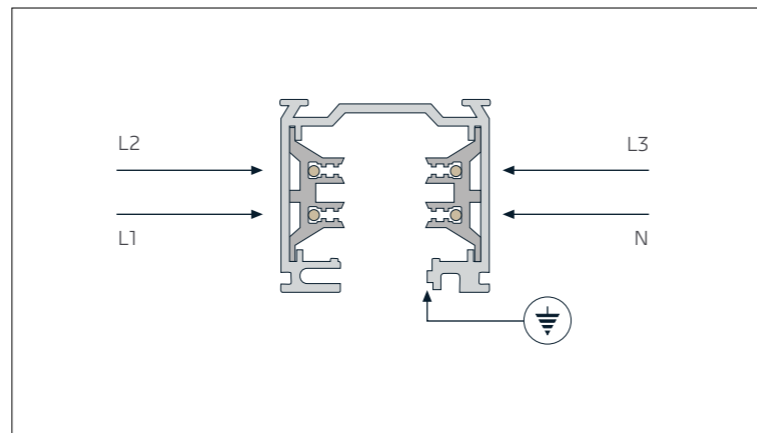
The rails have 3 circuits which can be switched independently of each other.

- Protection 16A line circuit breaker
- Maximum power 3500W of LED projectors supported by lines

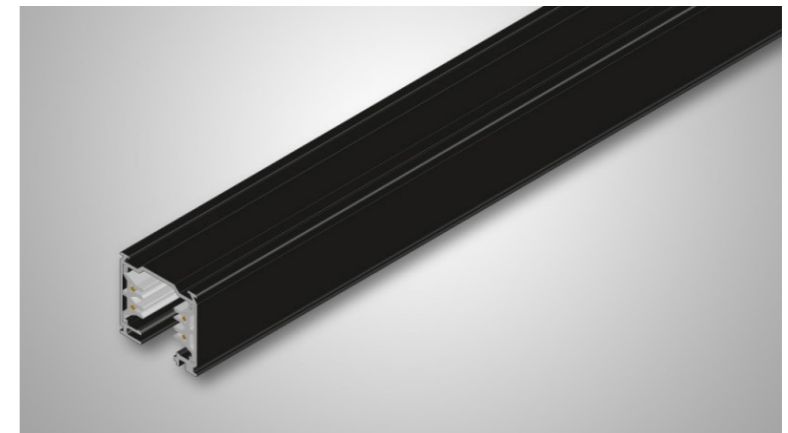
Note:
Installation diagram and electrical supply according to Preliminary Design Project.



Power supply principle diagram



Wiring in rail



Suspension rail

6. computer equipment

showroom

IT material

General facts

The company will be responsible for the supply, installation and connection of new RJ45 connections and sockets in category 6 cabling.

- Wiring Integrated with walls,
- RJ45 connection.

Installation Standards

- NFC 15 100 version 2002,
- NF EN 50174-2 version 2001
- UTE 15 900 rules of installation version 2006,
- DTU (implementation requirement).

Reference standards for wiring

International standards and their French and European equivalents defining the architecture and components of the network:

- EN 50 173-1 2nd edition / ISO 11801-2 °A1 edition
- EIA / TIA 568-B.1-1 and EIA / TIA 568-B.2-1
- NF EN 50288-X multi-element metal cables used for analog and digital transmissions and controls
- EN 55022 EMC.

Reference standards for applications

The standardization of the various computer protocols is as follows:

- ISO 8802.3 for the Ethernet family,
- IEEE 802.3 ab for 1000 Base T, Gigabit Ethernet over copper cable.

- IEEE 802.3 year for 10 gigabit Ethernet over copper cable.
- IEEE 802.3 af and Draft 3.0 802.3 at for Power over Ethernet (POE) and Power Ethernet Plus (POEp).

RJ45 Connector

The RJ45 connectors will have the following characteristics:

- Equipped with a multi-directional rear cover (lateral or axial) to adapt the radius of curvature of the cable,
- 4 inserters for fast and secure connection

By mechanical locking,

- Connection without tools,
- Blue dust cover for phone and grey for computer,
- Metallic contact for ground connection on the panel,
- Faraday cage integrated in the engine,
- Assembly on existing patch panel.

They will be of type "MK6 FS" of CAE GROUPE or equi worth.

showroom

IT material

General facts

The company will be responsible for the supply, installation and connection of new RJ45 connections and sockets in category 6 cabling.

- Wiring Integrated with walls,
- RJ45 connection.

Horizontal service cables

The cables used for pre-wiring will be twisted pair pairs (U / FTP) with impedance 100 Ohm, their bandwidth will be characterized up to 500 MHz and their sheath will be halogen-free.

The cable will be certified by a recognized laboratory.

The cables will be compatible with IEEE 802.3.

The technical characteristics of the U / FTP cables will support applications such as Gigabit Ethernet, 10 Gigabit Ethernet, VOIP (Voice over Internet Protocol), POE (Power over Ethernet).

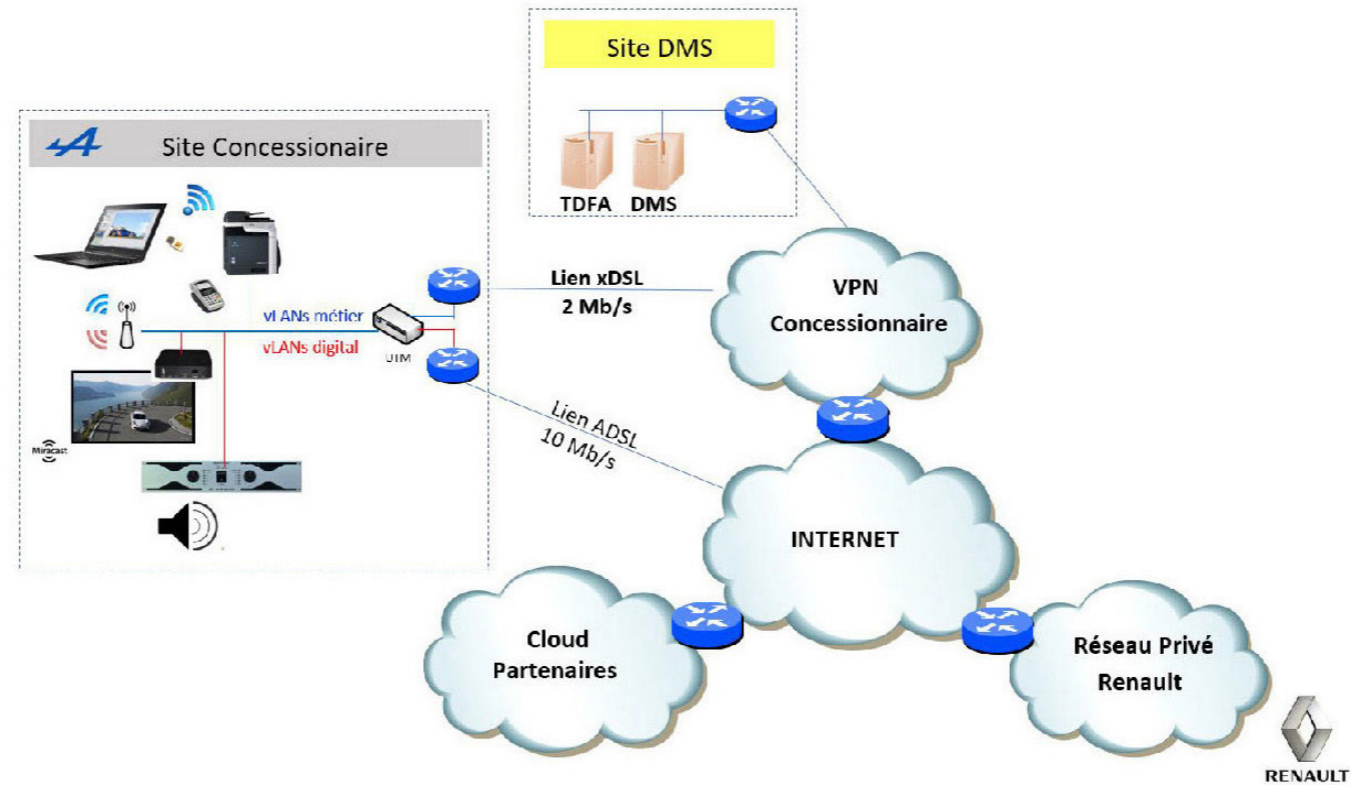
showroom

IT material

Dealer IP network

Access to internet and VPN resources via UTM

For an Alpine showroom located next to a Renault showroom, possibility of extending Renault business / digital vLANs to Alpine showroom and connecting to existing site routers.



showroom

IT material

Seller's workstation

The vendor computer station will meet the following uses:

MOBILE POST

- Windows desktop for office use by the seller and also for business.
- Accessories: a Wacom signature pad (France),

MOBILE TABLET

- Mobile tablet with touchscreen interface for Vehicle Tour (depending on country).



UltraBook



Pad for signature



Mobile tablet














showroom

IT material

Seller's workstation

Operating system and software components

To meet the technical and functional constraints of business applications, the following choices are essential.

<ul style="list-style-type: none"> O.S: Windows 10 Pro x64 	
<ul style="list-style-type: none"> Minimum processor: Core i5 / m7 - Ram: 8 GB - SSD drive: 256 GB 	 
<ul style="list-style-type: none"> Gemalto / Safenet and PKI Renault components for TokenRenault net use 	 
<ul style="list-style-type: none"> Antivirus: Windows Defender recommended 	 
<ul style="list-style-type: none"> JAVA JRE 1.8_131 	
<ul style="list-style-type: none"> Microsoft DotNet3.5 for the workstation application 	
<ul style="list-style-type: none"> Internet Explorer 11 enterprise mode and IE settings for Renault net and DMS access (France) 	
<ul style="list-style-type: none"> USB connector for TokenRenault net 	

showroom

IT material

Seller's workstation

PRINTER FEATURES

Double-sided color multi-function laser printer:

- Dimensions: L.50 cm x H.60 cm x P.40 cm
- 1 to 2 A4 format trays
- Ethernet connection on the business vLAN
- Optimized PCL6 drivers compatible with the project Dematerialization of sales documents with the RPS solution Reynolds (Fr)
- Possibility of printing on A4 laser photo paper
- SCAN function with COPY, FTP and Mail To
- Specificities for Renault Group (Fr): PostScript level3 emulation

QUALIFIED MODELS

- Konica Minolta C3110
- Hewlett-Packard M477
- Brother MFC-9340CDW



showroom

IT material

Seller's workstation

ULTRA BOOK FEATURES



Lenovo Yoga X1



HP EliteBook 360

MAKER	ULTRABOOK DEVICE	O.S	SCREEN	WEIGHT	DIMENSIONS	PROCESSOR	RAM	DISQUE	WIRELESS TECHNOLOGY
Lenovo	Yoga X1	Windows 10 Pro Ent	14 inches	1.270 kg	333 x 229 x 16,8 mm	Core i5	8 Go	256 Go	Miracast
HP	EliteBook x 360	Windows 10 Pro Ent	13,3 inches	1.300 kg	317 x 218 x 14,9 mm	Core i5	8 Go	256 Go	Miracast

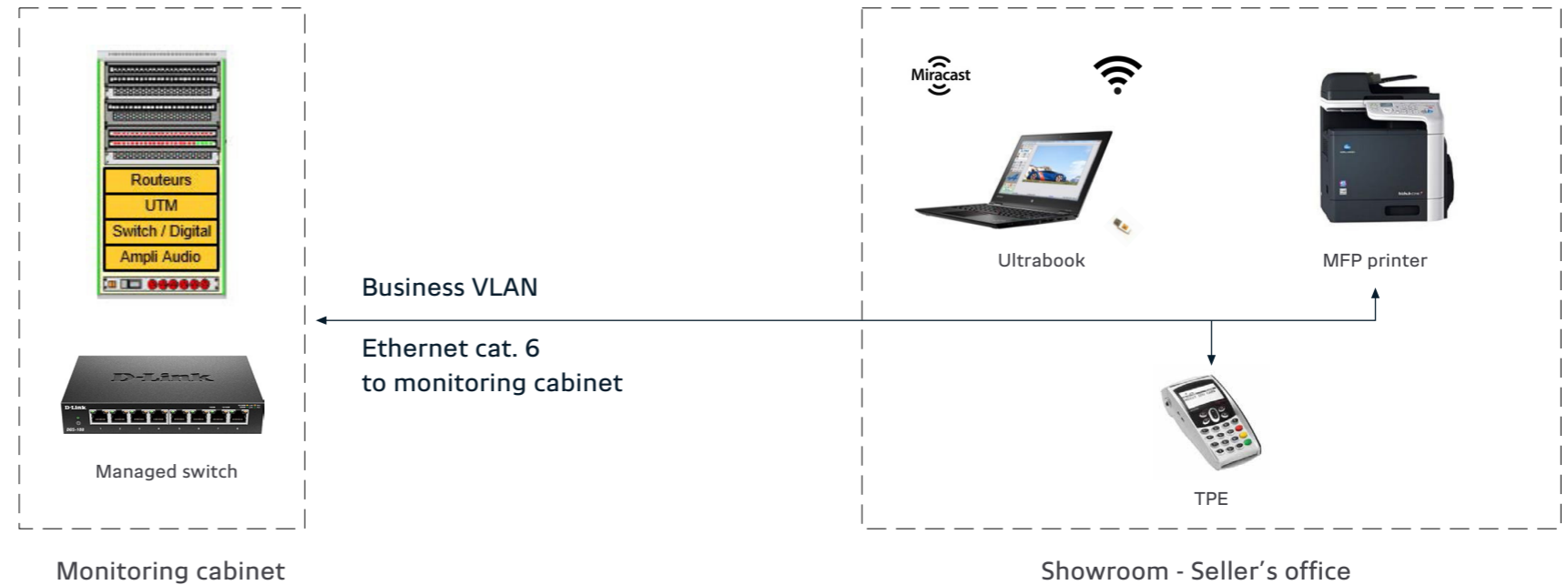
showroom

IT material

Seller's workstation

EQUIPMENT

- UltraBook2 in 1 with Dockingstation type WiGi g
 - Lenovo Yoga X1
 - HP Elitebook x360
- Double-sided color multifunction laser / scan printer:
 - Konica Minolta C3110
 - Hewlett-Packard M477
 - Brother MFC-9340CDW
- TPE (CB)



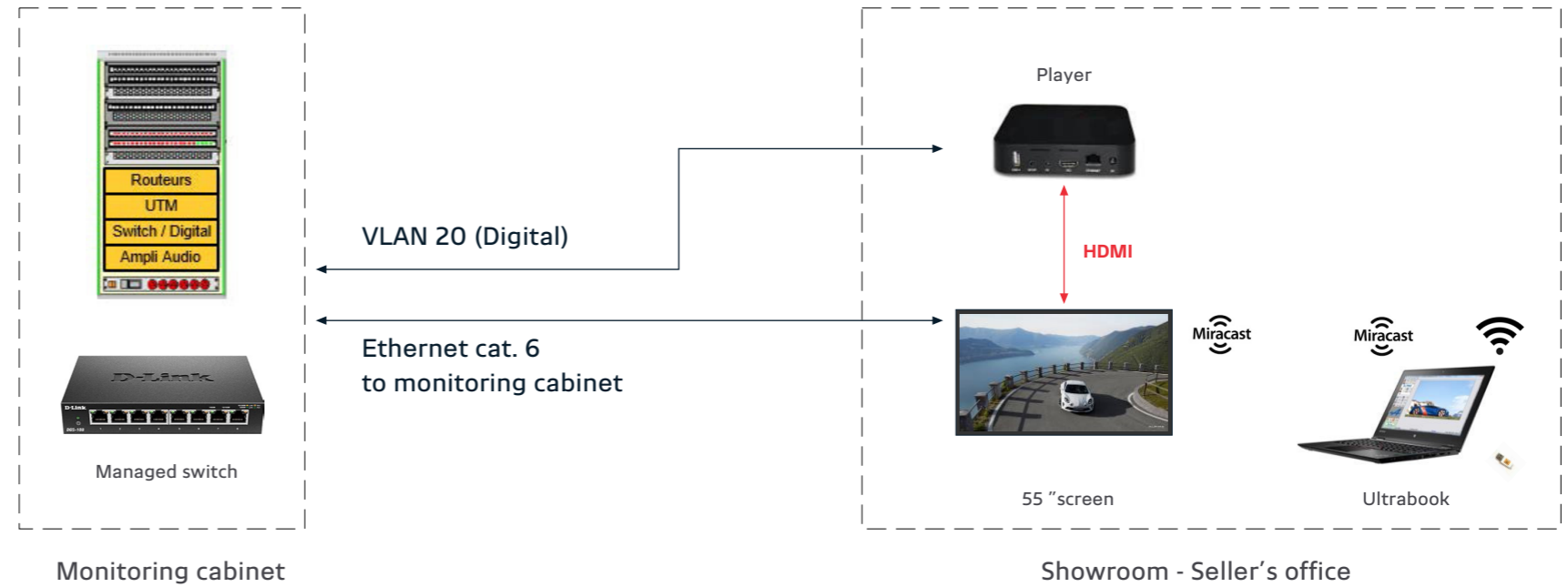
showroom

IT material

Digital showroom

DIGITAL SCREEN EQUIPMENT:

- 55-inch screen incorporating the Miracast wireless display device and connected to Lan Digital.
- Lan Digital connected POS player.



showroom

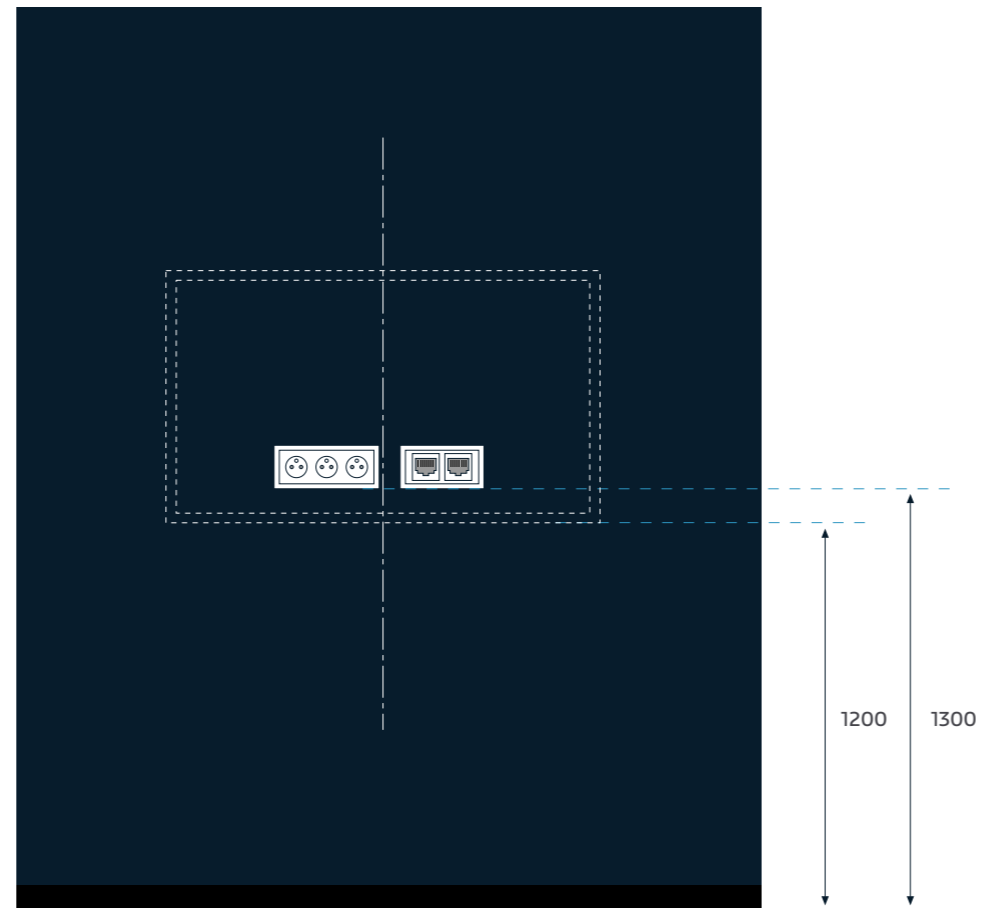
IT material

Digital showroom

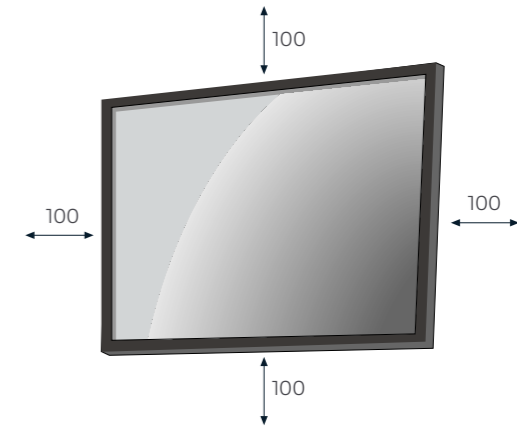
DIGITAL SCREEN EQUIPMENT

- The bottom of the sockets should be 130 cm from the ground.

Layout of screen sockets



Wall distances



showroom

IT material

Digital showroom

SOUND EQUIPMENT:

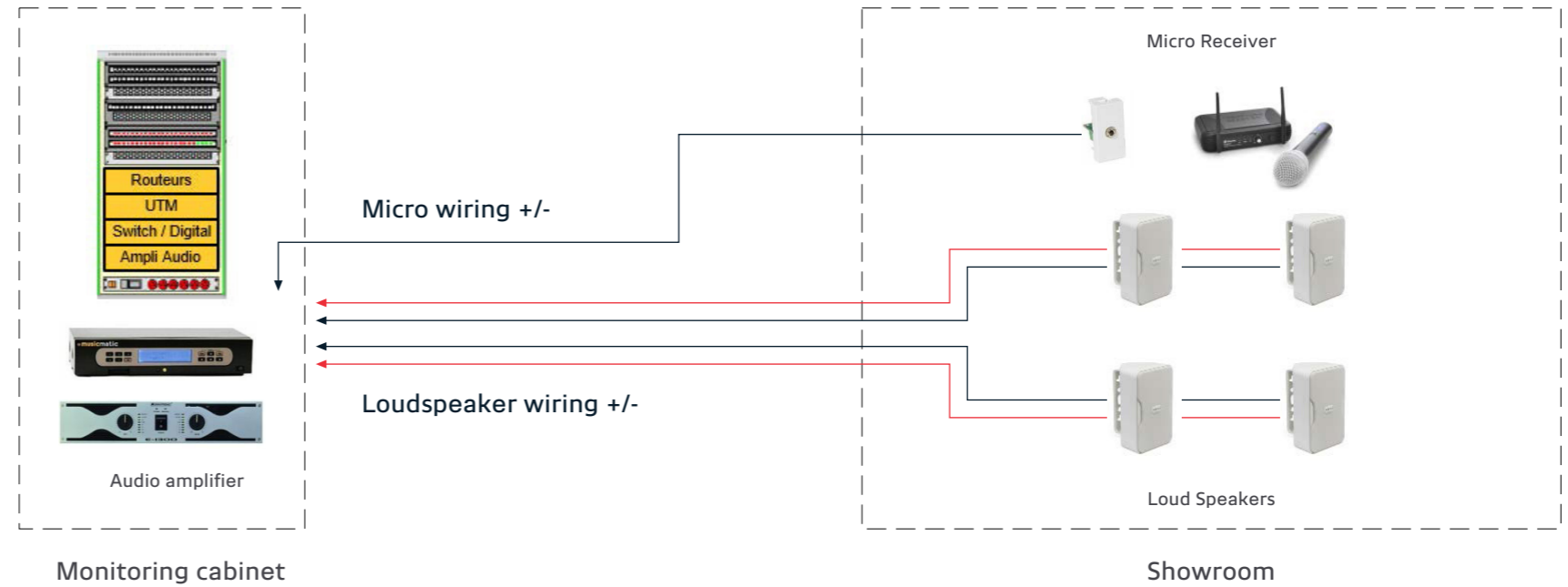
- Connected Lan Digital Audio Box
- Audio amplifier with Micro input
- Showroom wall mounted speakers
- Wireless microphone receiver

NOTE

Audio / Video devices managed by Storever must communicate on the TCP protocols and ports below:

to open to the Internet:

[https \(443\)](https) + [TCP \(8251\)](https://www.tcp.com) to @ [ip31.12.66.143](https://www.ip.com),
31.12.66.144, 31.12.69.143, 31.12.69.144



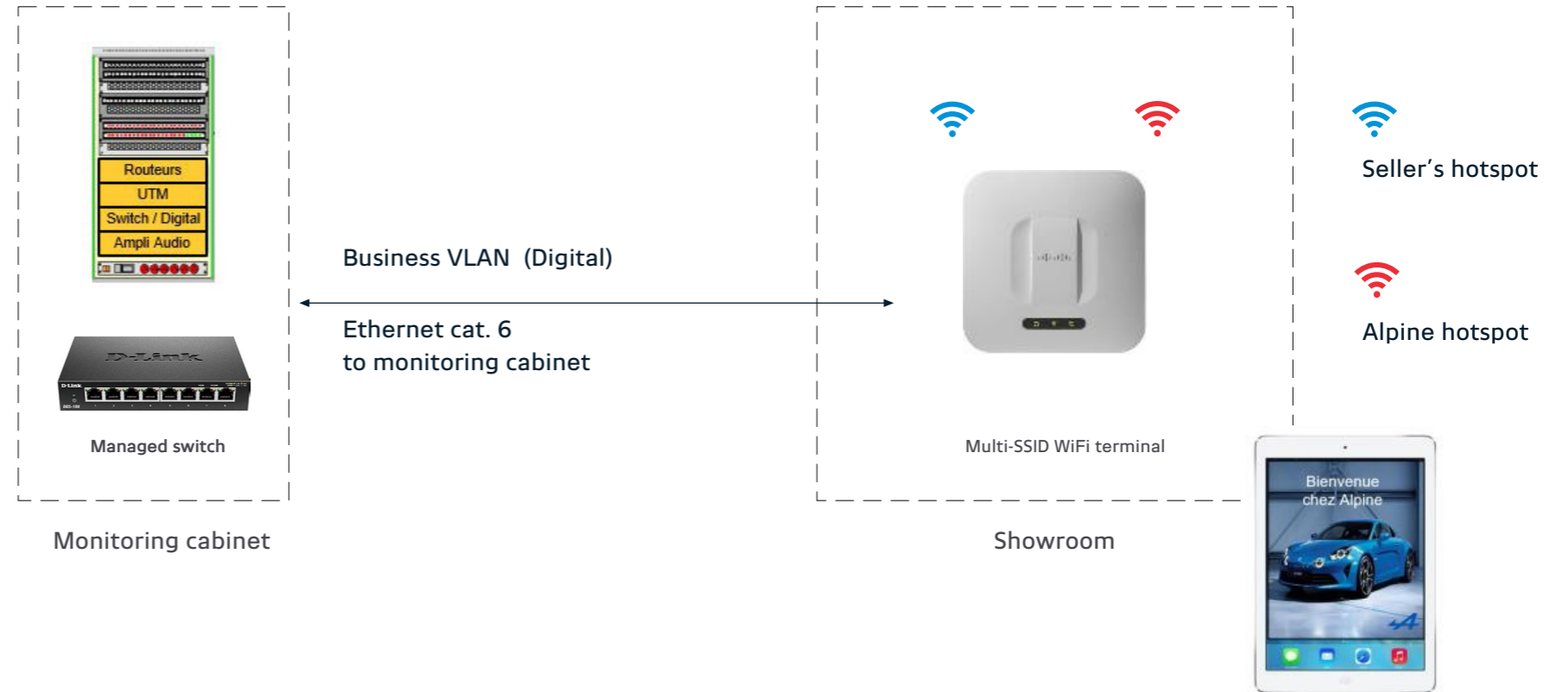
showroom

IT material

WiFi Concession Network

WLAN COMMUNICATION

- Multi-SSID Wifi terminal (Vendor business vLan + Alpine Digital HotSpot vLan).
- Multi-vLanet multi-SSID managed solution with UTM connection to control Internet / VPN flows.
- Simplification of the Client's connection to the HotSpot on a captive portal (single validation of the T & Cs).



showroom

IT material

WiFi Concession Network

WiFi recommendations

Items	Main recommendations	Secondary Recommendations	Prohibitions
WiFi technology	3 x 3 MIMO (new installation)		
Standard	AC standard	Minimum 802.11 n	802.11a / 802.11b / 802.g
Authentication	Centralized authentication infrastructure Group	No single-site authentication	
Securing	WPA 2 entreprise EAP-PEAP MSCHAP-V2 or EAP-TLS	WPA 2 Personal - AES-CCMP encryption and Mac address management	WPA-PSK WEP Encryption
Management	Managed WiFi controller at Group level	Managed WiFi controller at the site if single-site	Unmanaged terminal
Architecture	Single multi SSID WiFi architecture: Business SSID / Local SSID / HotSpot SSID	Connection to the LAN of the business	Use of WLANs and connection to VLAN 20 and 50 of the Digital Store
SSID	SSID unique sur LAN métier + SSID Digital + SSID HotSpot + SSID Groupe (pour itinérance)	Non Renault Store site: a unique business LAN SSID	
IP addressing of WiFi clients	Single DHCP managed by the controller	Single DHCP managed by the site router	DHCP server on Terminal

showroom

IT material

WiFi Concession Network

WiFi recommendations

Items	Main recommendations	Secondary Recommendations	Prohibitions
Wiring category	Cat.6 with 4 wired pairs	Minimum Cat. 5 with 4 wired pairs	- Cat. 5
Monitoring type	Direct link to a manageable switch in a computer rack	Direct link to switch in bay computer	- Cat. 5
Power supply	POE if length <100m	External power supply	N/A
Connection switch	1000 Mb / s managed with POE	100-1000 Mb/s	10 Mb/s
Installation height	Between 2.5 m and 3 m		
Type of installation	Wall-mounted	Wall-mounted	Horizontal and / or flying
Frequency	Default 2.4 Ghz, recommendation to use 5 Ghz if 2.4 Ghz size		
Advised SNR (signal / noise ratio)	+ 25 dB	entre 20 et 25 dB	- 20 dB
Signal strength in defined coverage area	-55 dBm	-65 dBm	

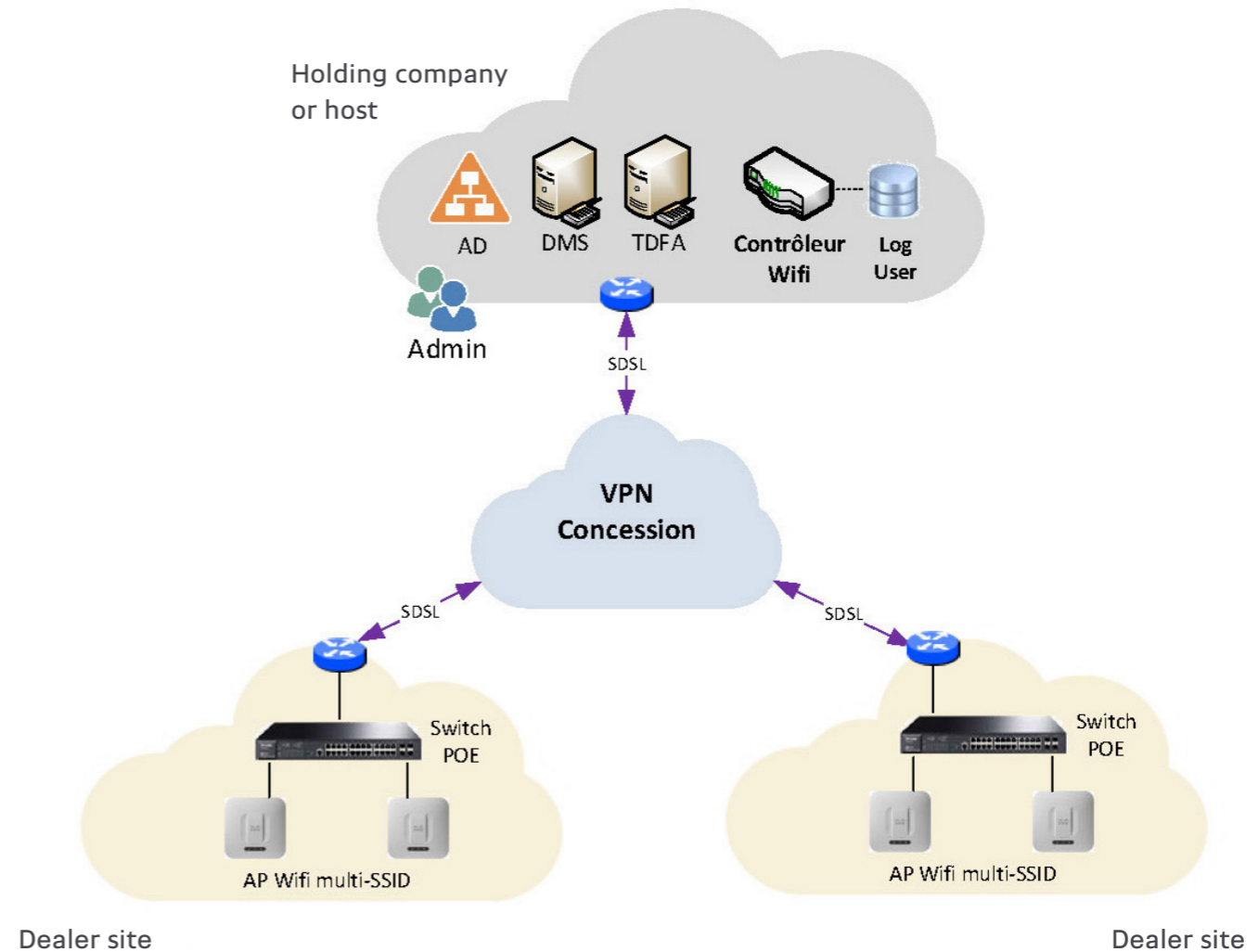
Items	Legal obligations
Regulation for any device WiFi (Hotspot and private)	System for keeping connection logs for 12 months storing the following information: Date, time and time of connection - Mac address of the connected Device User browsing data

showroom

IT material

WiFi Concession Network

WiFi management by WiFi controller centralized at the Holding or Cloud Host.



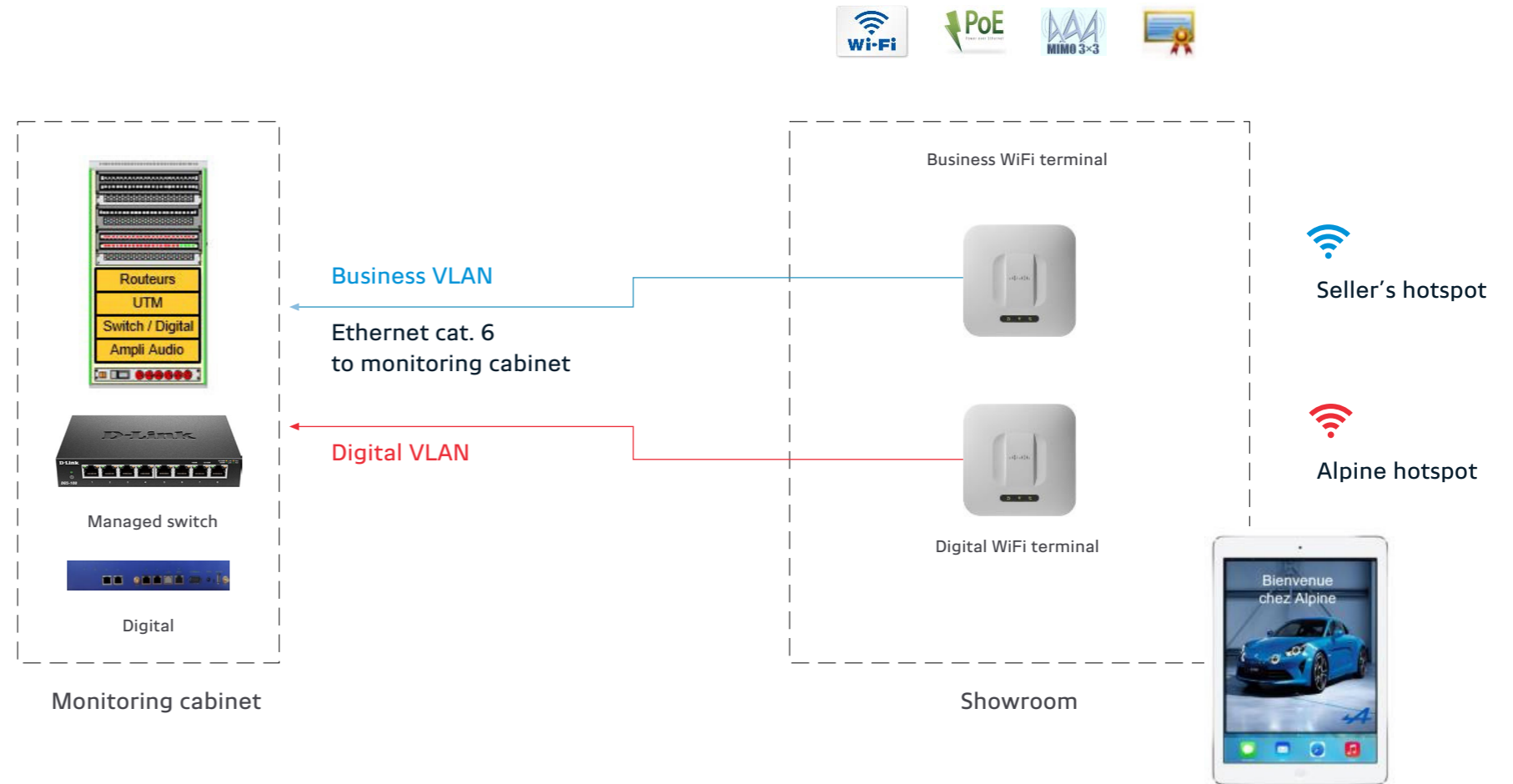
showroom

IT material

Renault Group WiFi network

WAN communication:

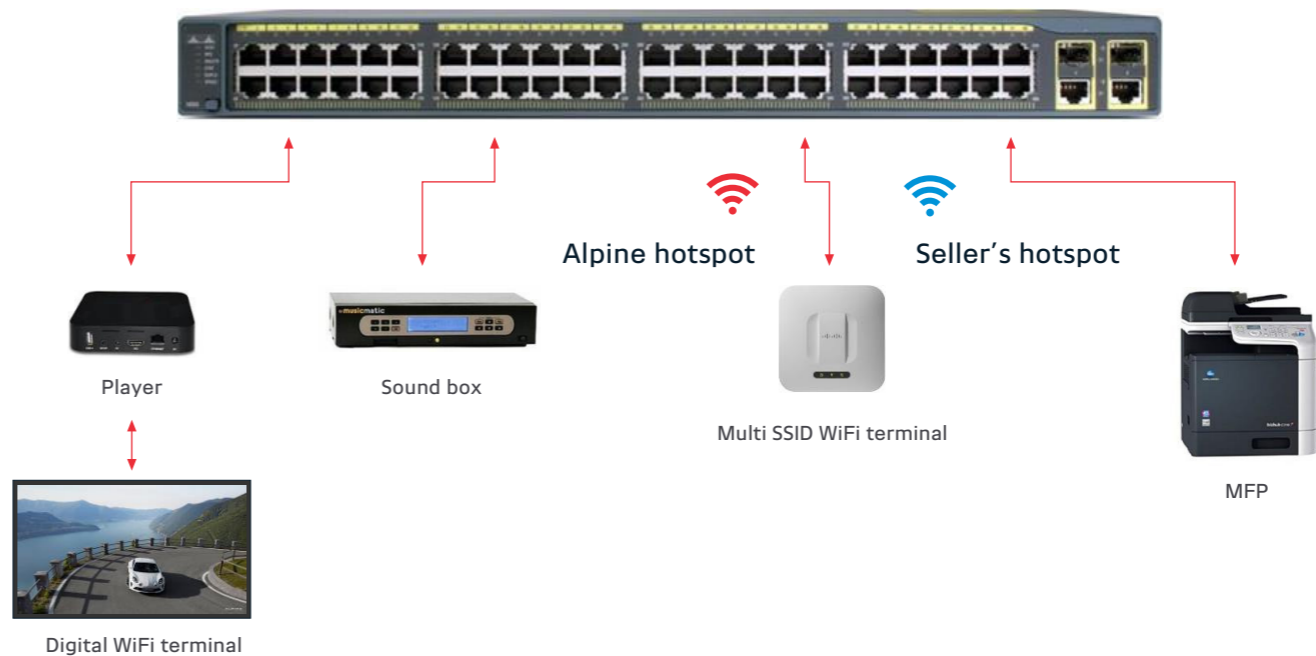
- Business WiFi terminal (SSID WLRN2)
 - Renault Group WiFi solution exclusively.
- Wifi terminal dedicated to Customers (SSID HotSpotAlpine)
 - Identical Renault Group solution.
 - Simplification of the Client's connection to the HotSpot on a captive portal (single validation of the T & Cs).



showroom

IT material

Name vLans / wLans Digital Dealers

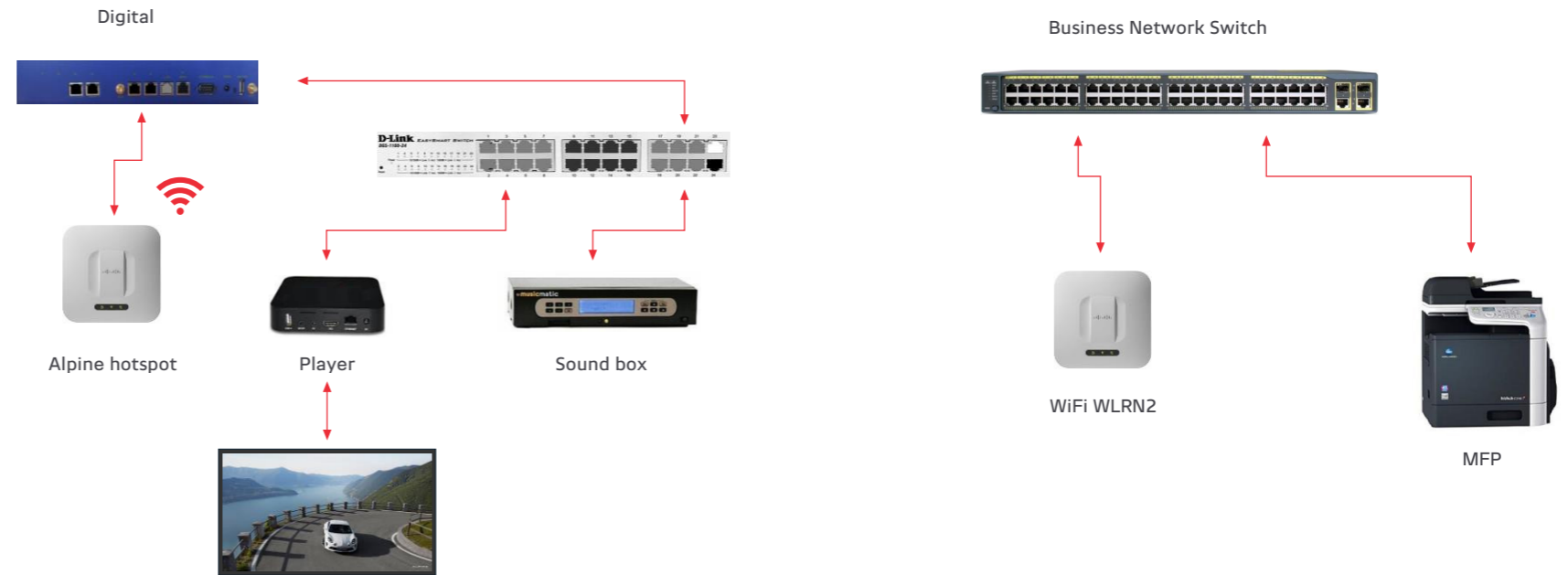


WLAN 3 / Alpine hotspot	192.168.30.1 to 192.168.30.100	DHCP
Business WLAN/Seller	@iP SubnetMétier	DHCP
VLAN 20 POS Player	192.168.20.200 to 192.168.20.253	FIXED DHCP
VLAN 50 Sound	192.168.50.200 to 192.168.50.253 192.168.50.1 to 192.168.50.100	FIXED DHCP

showroom

IT material

Name vLans / wLans Digital Renault Group



WLAN 3 / Alpine hotspot	192.168.30.1 to 192.168.30.100	DHCP
WLAN Business/WLRN2	@iP SubnetMétier	DHCP
VLAN 20 POS Player	192.168.20.200 to 192.168.20.253	FIXED DHCP
VLAN 50 Sound	192.168.50.200 to 192.168.50.253 192.168.50.1 to 192.168.50.100	FIXED DHCP

An application guide for Alpine Center EVO signage and interior components is available on the Brand Stores / Alpine platform

Thanks