ALPINE

Technical specifications for Alpine Centers

January 2022 - v1e

preamble

This document presents the new components used in the identification and development of Alpine Centers.

To go directly to a chapter **click on the title.**

what is this document for?

An evolution of facades and interior design

The Alpine brand has chosen to gently evolve its visual identity and smoothlymodernize the components present in the Alpine Centers.

This development concerns the identification of Alpine Centers and the interior design of the showroom.

The definition of the identification and development components

This document presents and describes the new components used in the context of the different configurations of the Alpine Centers.

signage evolution

Generic principle

The identifiers of the Alpine brand evolve in particular in terms of the colours and the signature used on the main facades of buildings.

1   The current facade.

2   The new facade.

1
new facades

typology of implementations

Generic principle

The components are developed to meet 4 types of implementation:

• the Alpine box,

• the urban showroom,

• the multi-brand site with 2 brands,

• the multi-brand site with 3 brands.

Alpine Box

Urban showroom

Multi-brand site with 2 brands

Multi-brand site with 3 brands

The Alpine Box

Evolution

1 The new Alpine signs on the blue facades are in white letters.

2 The Alpine totem has midnight blue faces and a white emblem.

Current facade

New facade

1

2

the Alpine urban showroom

Evolution

1   The new Alpine sign on the facade is in white letters on the blue facade.

2   The Alpine flag sign adopts midnight blue faces and Alpine lettering in white letters.

Current facade

New facade

the multi-brand site with 2 brands

Evolution

1   The new Alpine sign on the facades is in white letters on the midnight blue background.

Current facade

New facade

the multi-brand site with 3 brands

Evolution

1 The new Alpine sign on the facade is in white letters on the midnight blue background.

Current facade

New facade

1

2

exterior components

S

signage
materials

Principle

The opposite elements describe the recommended materials for the realization of the signage elements.

Pantone night blue 296C equivalent to RAL 5011

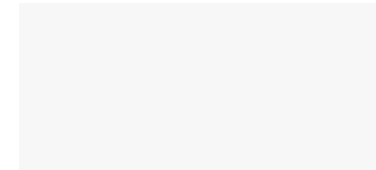Aluminum sheet or prepainted ACM in satin finish at 40% gloss.

Satin black

Prepainted or post-lacquered aluminum in a 40% gloss satin finish.

Pantone Red 485 C

Printing on diffusing white adhesive laminated on white PMMA.

Brilliant white

White PMMA diffusing at 40% light transmission, glossy finish, ref. 100-27000.

Pantone Blue 3002 C

Printing on diffusing white adhesive laminated on white PMMA.

Dark grey RAL 7021

Prepainted aluminum in 40% satin finish.

Matt white

Two-component epoxy paint in matt finish.

Matt metallic gold

Adhesive markings for glazed parts.
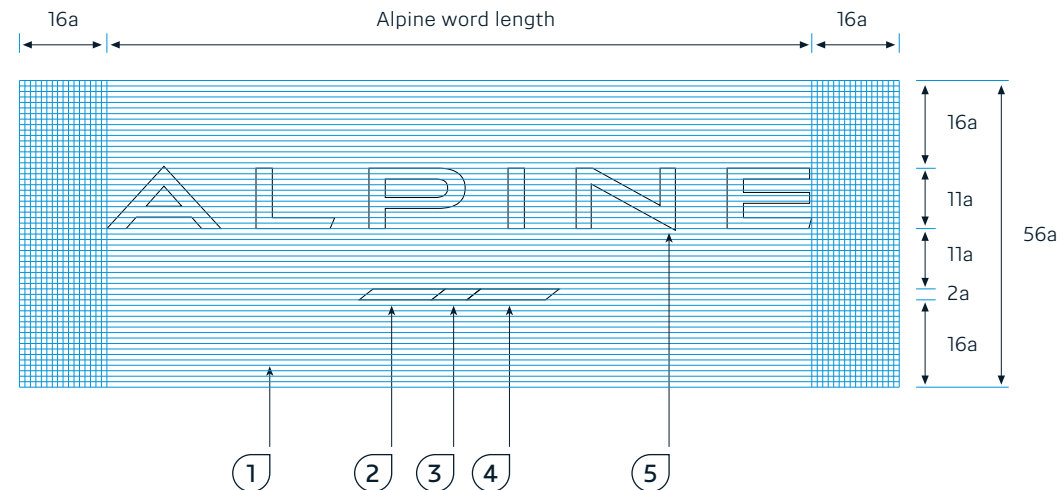
facade marking
outlines

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
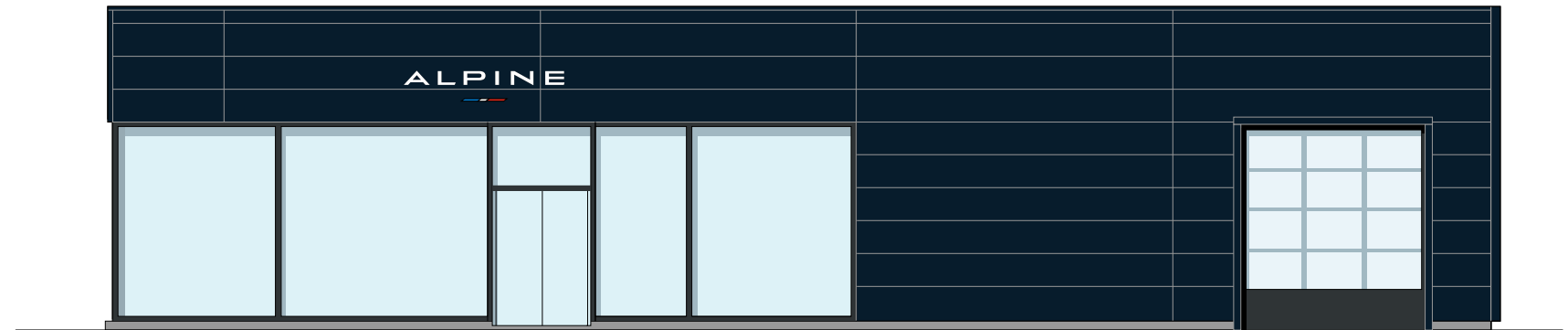
facade marking
positioning on facades

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).

ALPINE
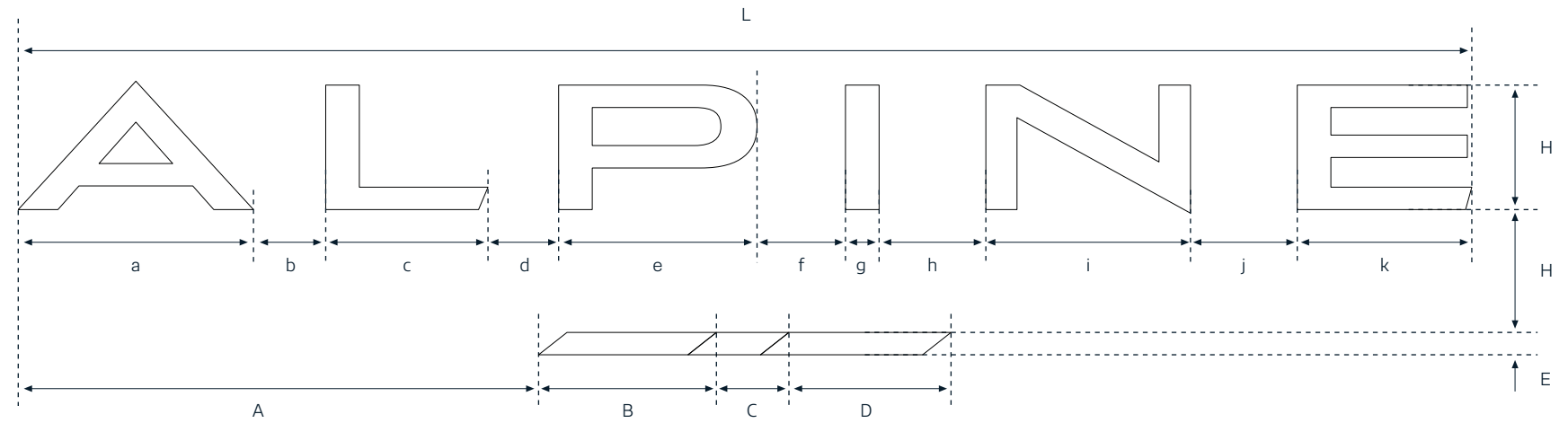
ALPINE

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.

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

| 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.2918mm.

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.

70 mm

3

2

4

1
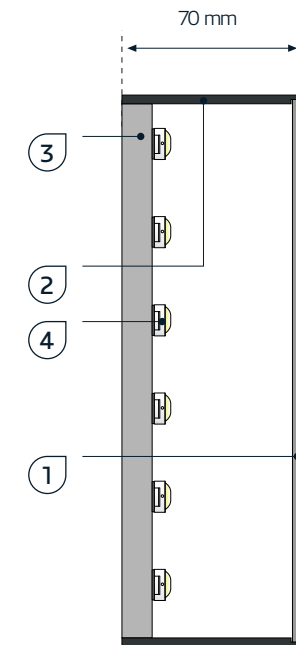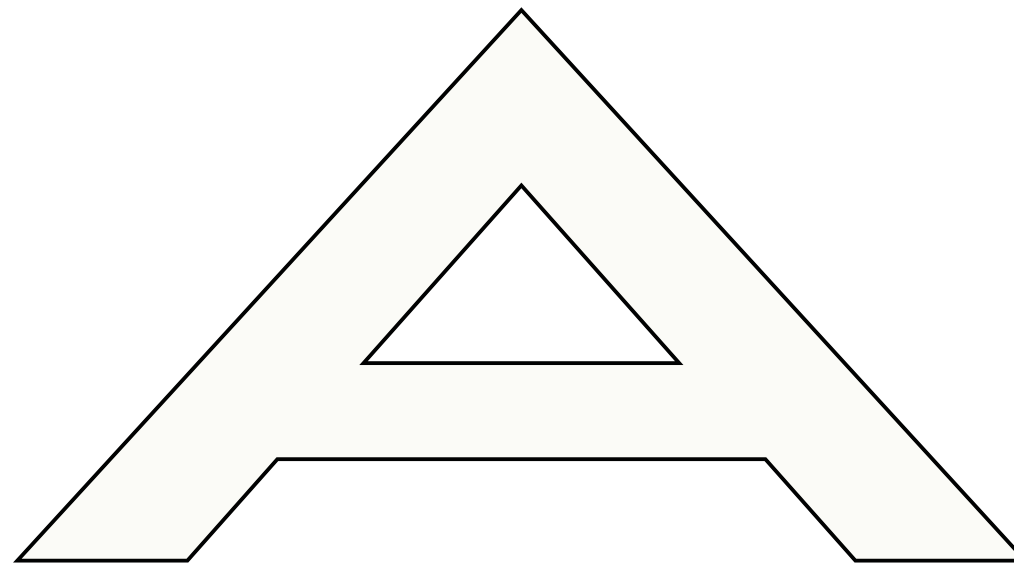
facade marking
letter making details

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 IP67, 6500 ° K, luminance 350 cd/m^2

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.
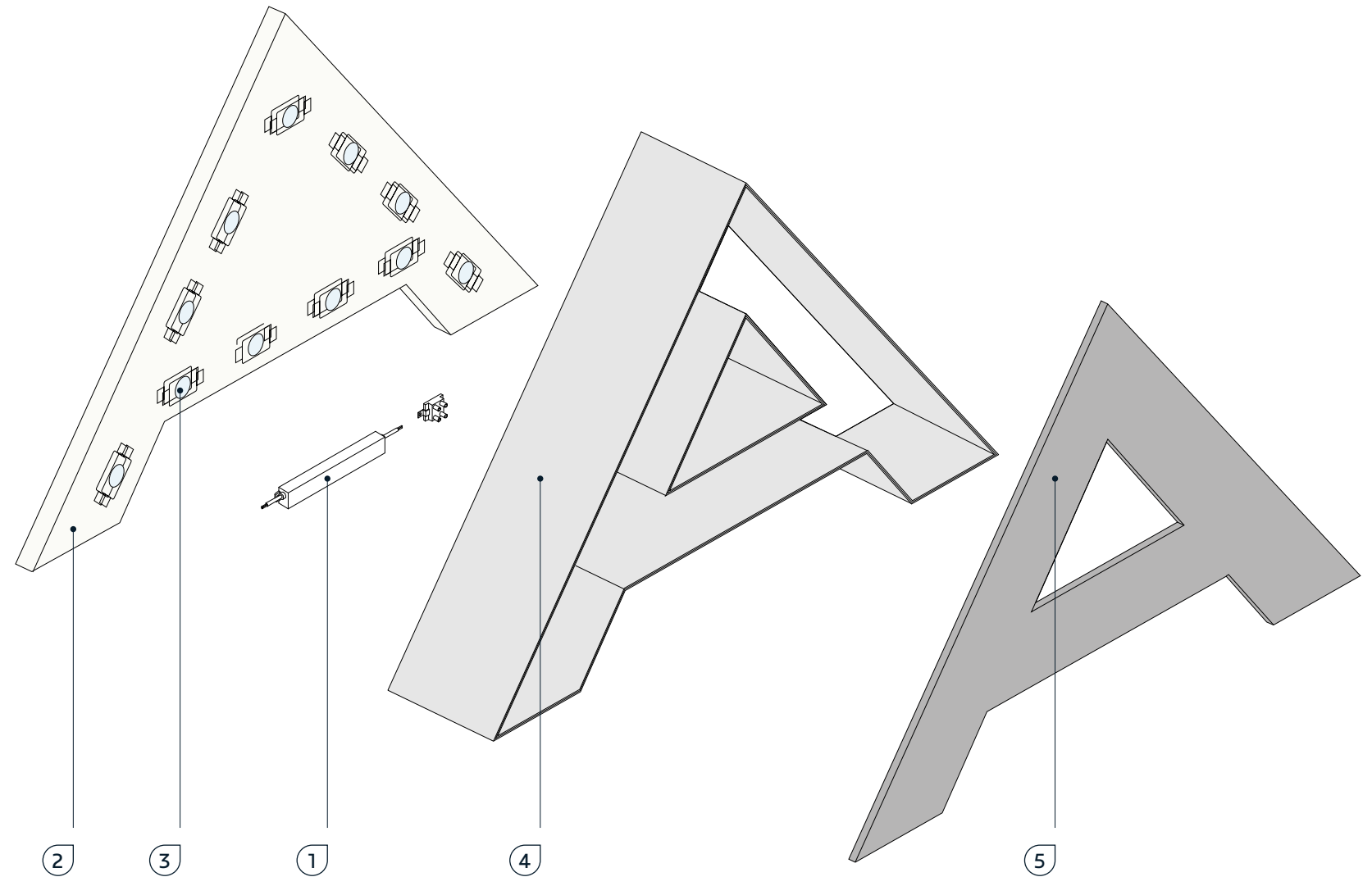
facade marking
lighting

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 m^2
- Luminance: 350 cd / m2 with a minimum of 300 Cd/m^2.
- Light output reduced by 70% after 70,000 hours of operation.
- Minimum guaranteed life: 7 years

350 Cd/m^2
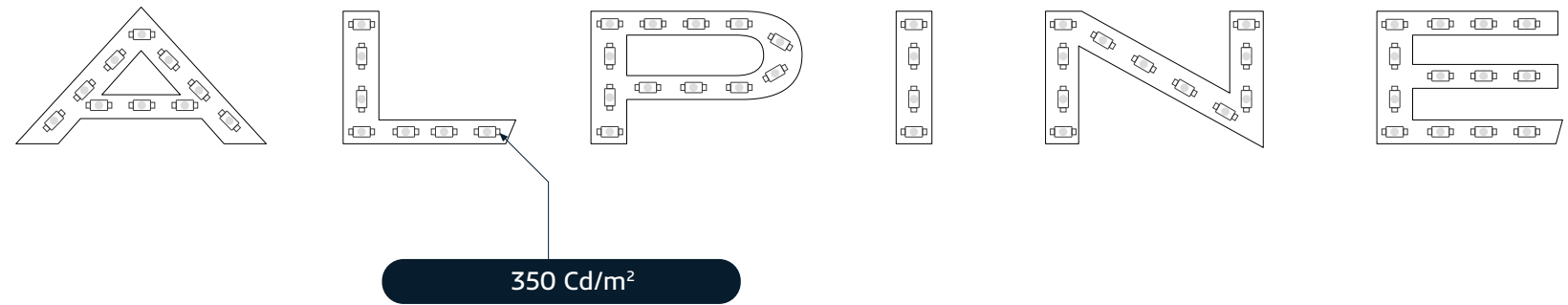
facade marking
back of the sign

Description

The opposite drawing describes the principle of structure and cladding with raised edge panels to be made to place the signature when the electrical supply can only be done at one point requiring the masking of the power cables of each letter (and 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.
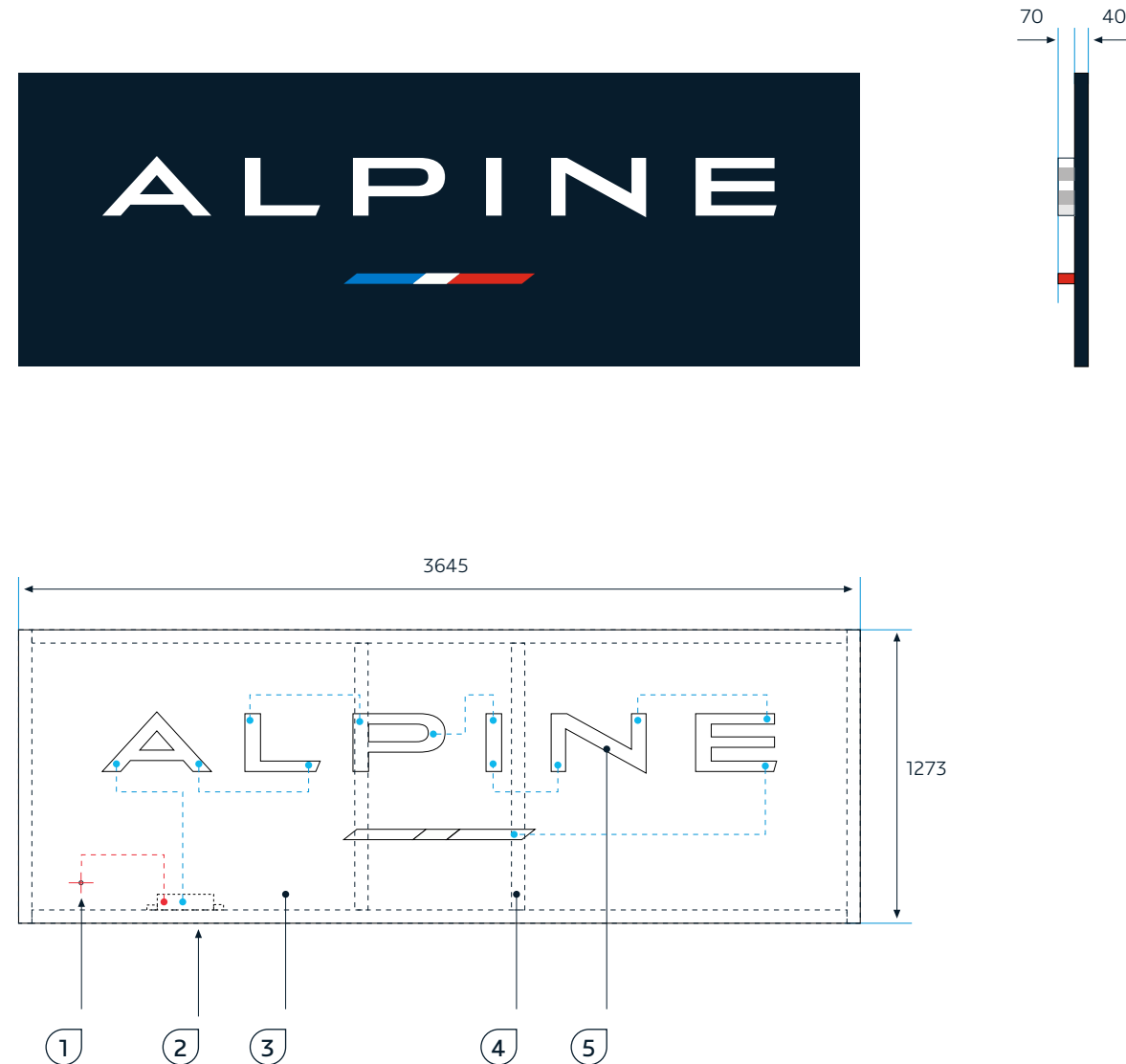
flag insignia
presentation

Key

1 Face in midnight 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.900 x h.550 x th.100mm.

Test Drive totem
presentation

Key

1 Face in midnight 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.

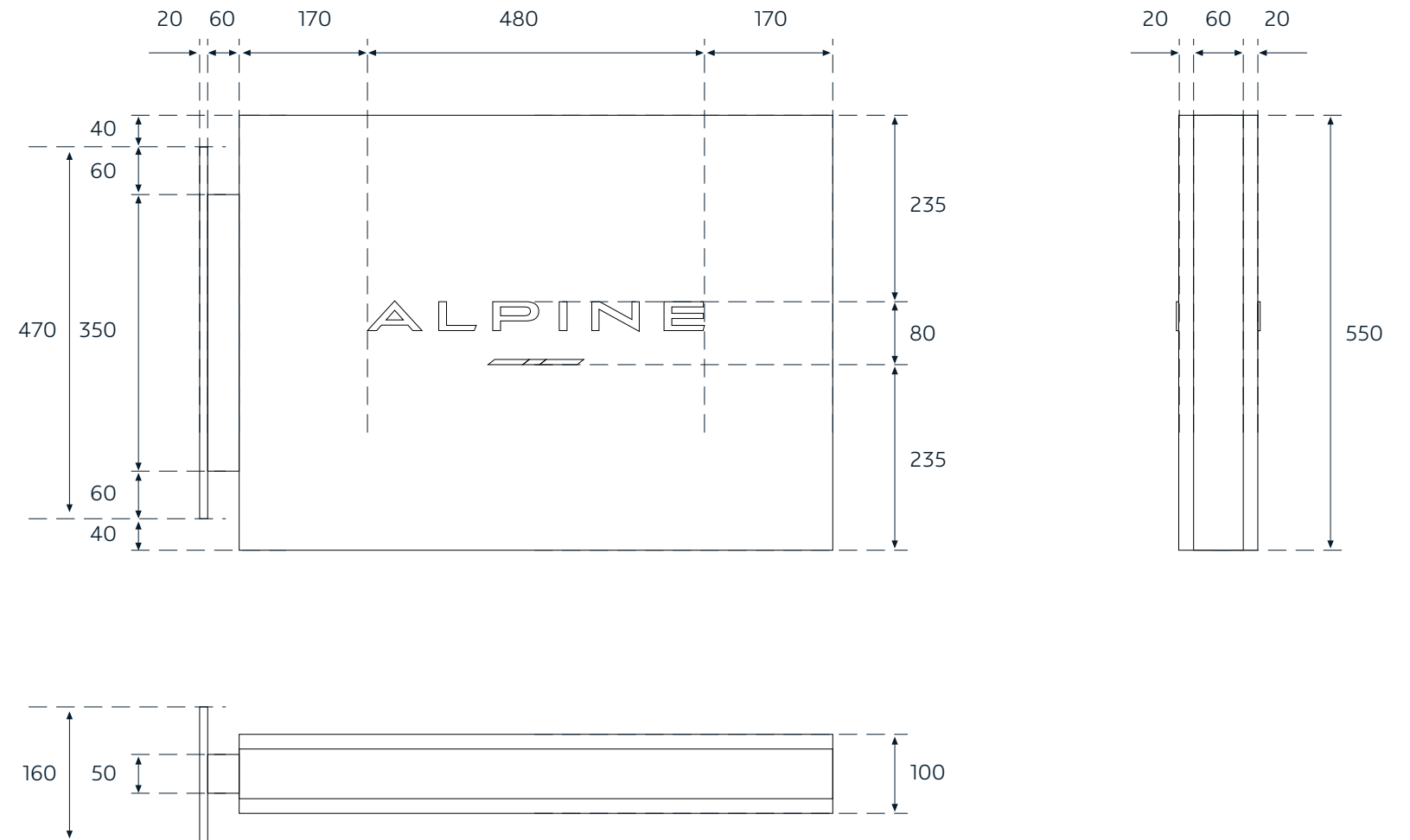**4** RAL 9003 white lacquered aluminum edge in satin finish.
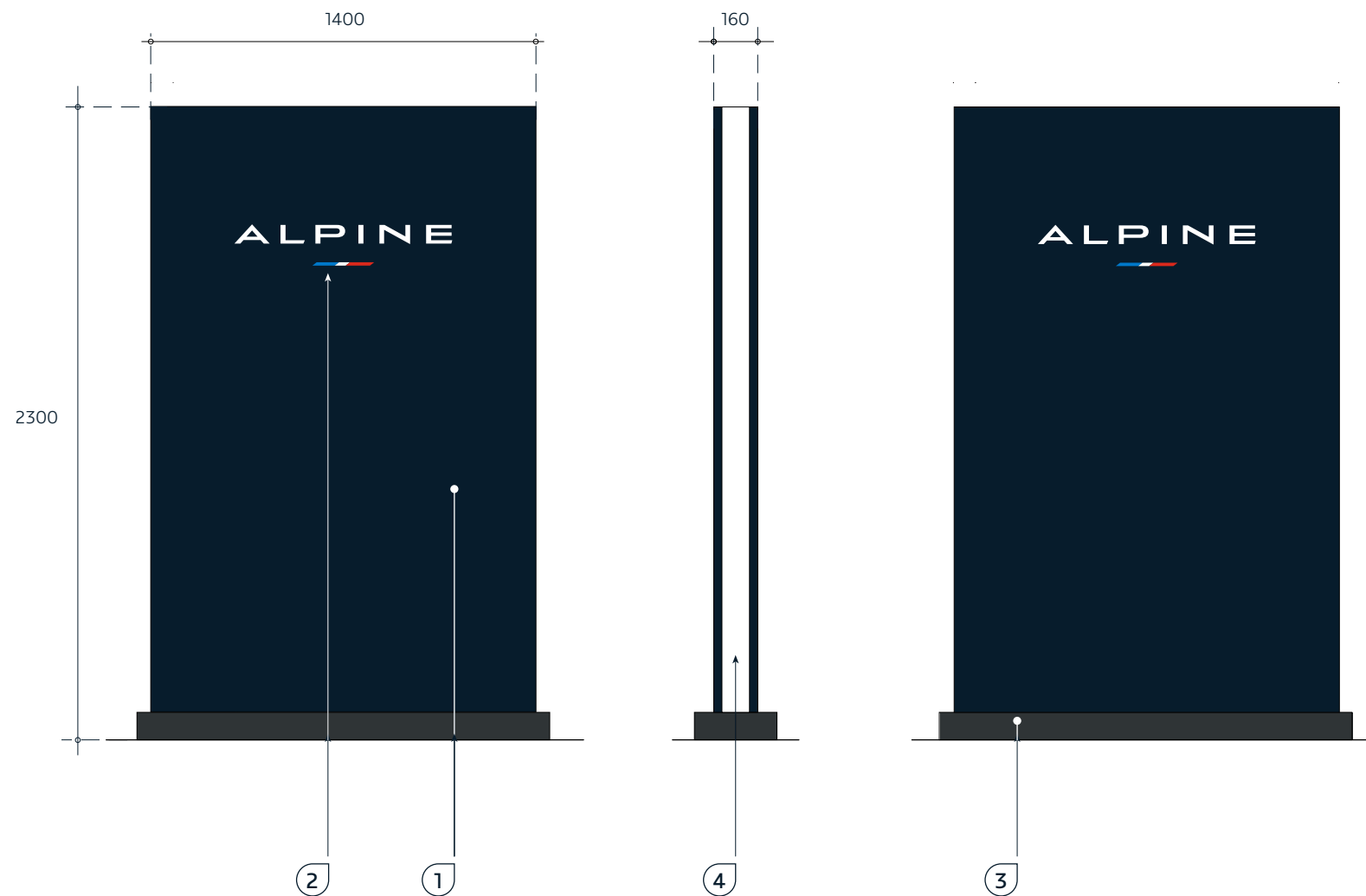
Test Drive totem
dimensions

Description

Luminous totem with integrated LED lighting.

This element is double-sided backlit.

Dimensions: l.1400 x h.2300 x th.160mm.
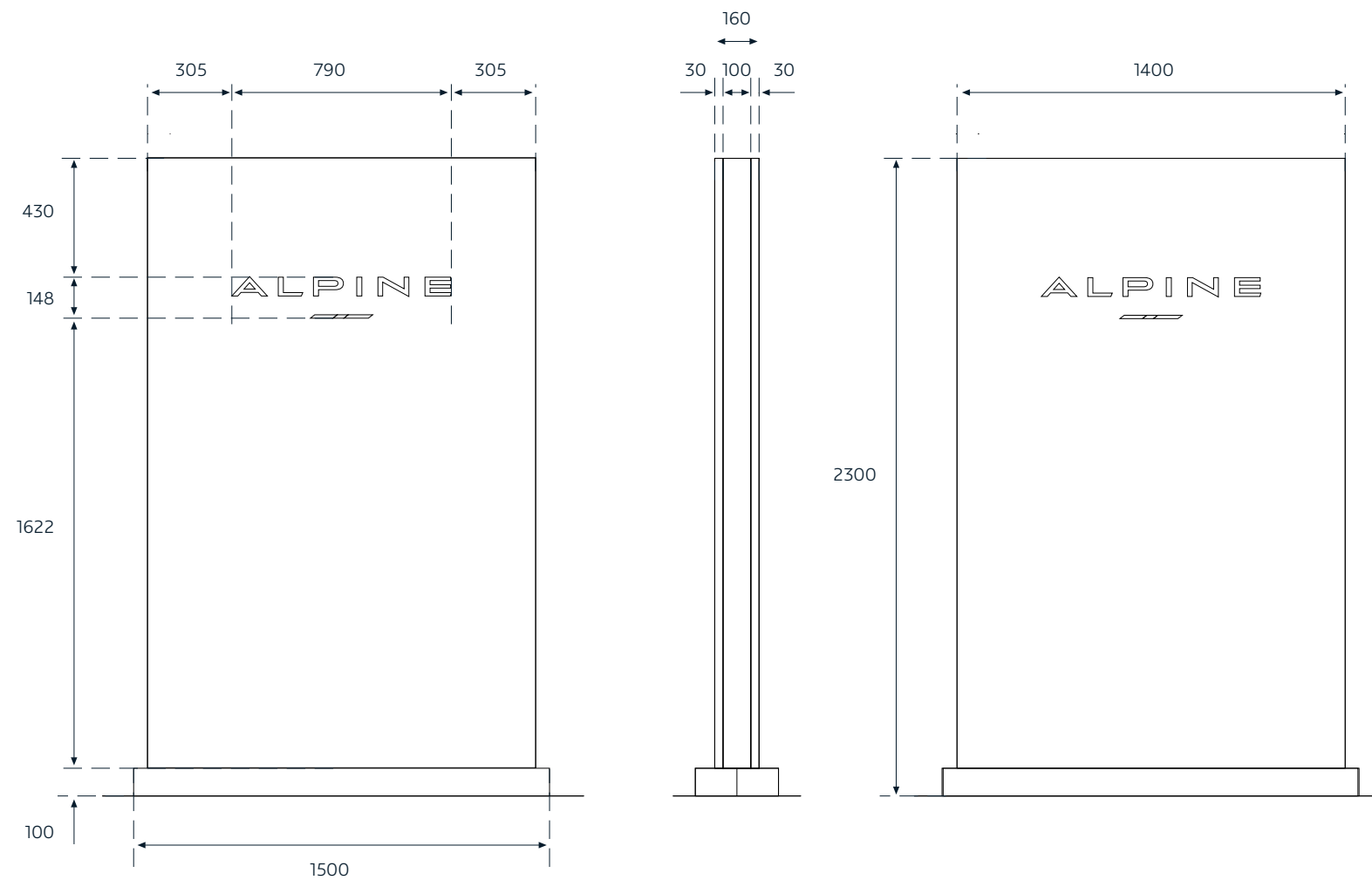
Alpine totem
presentation

Description

Double-sided light totem with integrated LED lighting.

4 mm ACM face and aluminum sheet edges.

Installation on concrete block by anchoring rods and recovery on plates welded to a steel structure protected by galvanization.

Dimensions: l.1408 x h.6500 x th.240mm.

Key

1 Face made in a single part in ACM 4 mm midnight blue lacquered Pantone 296 C with raised edges of 40 mm.

2 Alpine emblem in backlit white PMMA. Marquetry inlay

3 Plate cover in RAL 9004 black lacquered aluminum sheet in satin finish made of 2 symmetrical parts.

4 RAL 9003 white lacquered aluminum edges in satin finish.
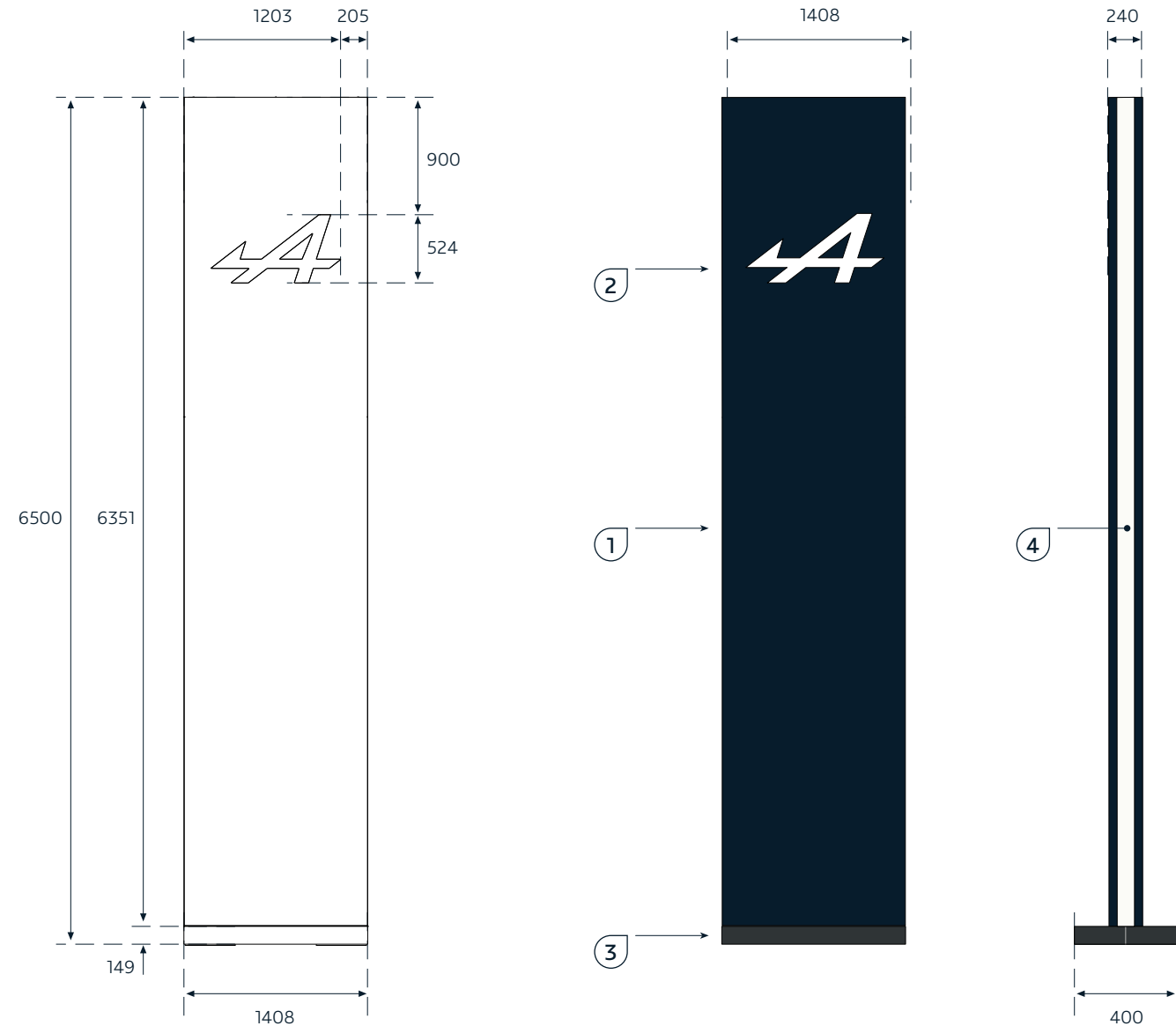
Alpine totem
exploded view

Key

1 Aluminum sheet top cover

2 Galvanized sheet steel structure. Omega posts with stiffeners.

3 Light box serving as reflector with LED equipment in matt white aluminum.

4 Cut-out aluminum upper face with Alpine emblem in white PMMA

5 Diffusing white PMMA emblem integrated in marquetry in the face.

6 White lacquered aluminum edges

7 Steel plates for recovery on concrete block.

8 12V converter

9 Aluminum plate cover
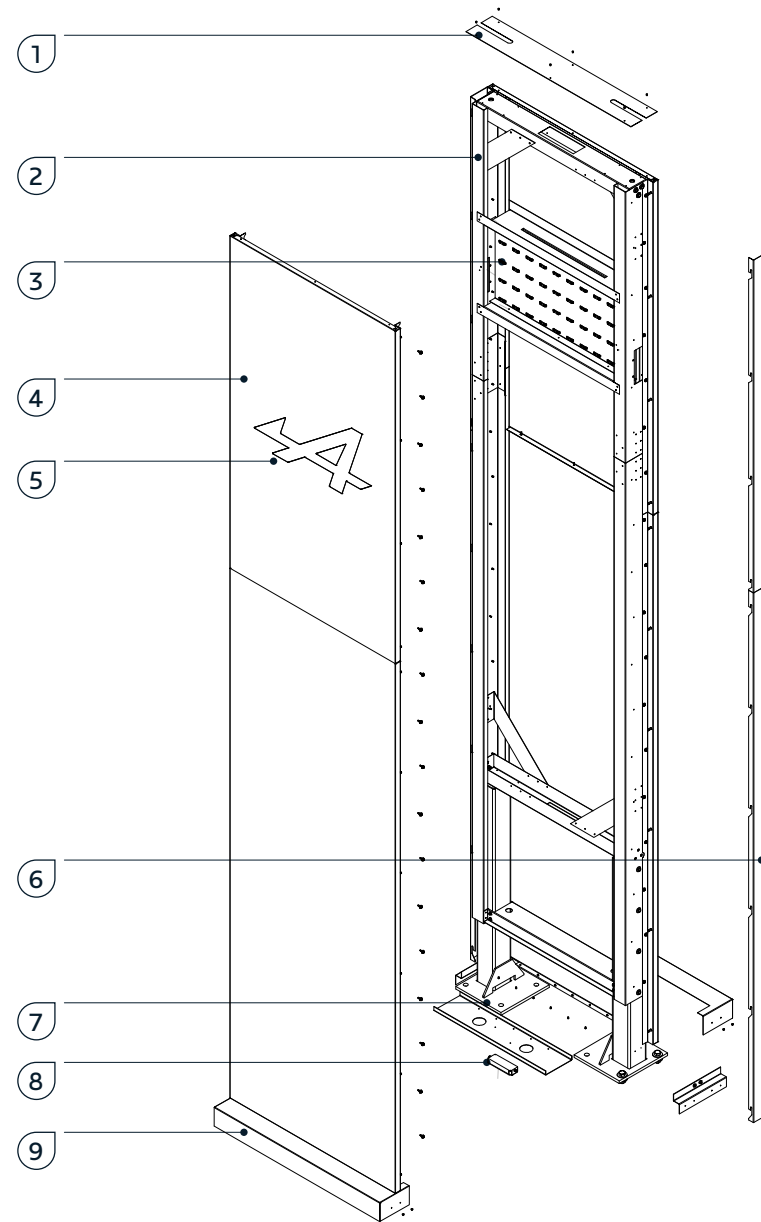
Alpine totem
manufacturing details

Key

1   Light box

2   General cut

3   Attachment studs on the front faces

4   Attachment of the side faces with raised edges.

600

①

②

détail 4

③

④
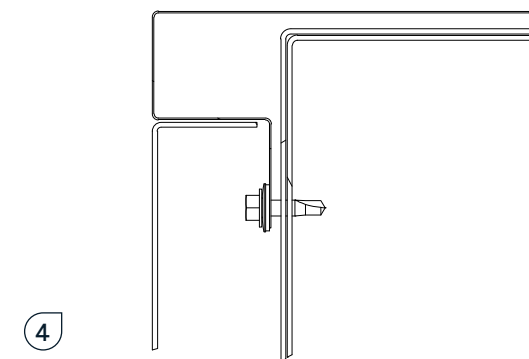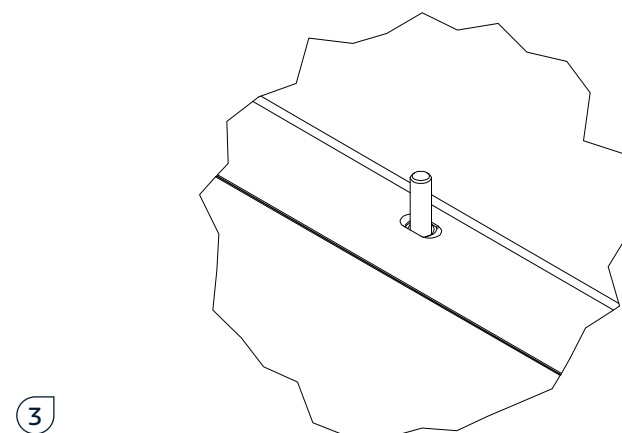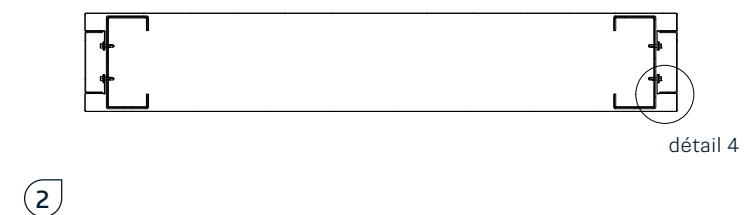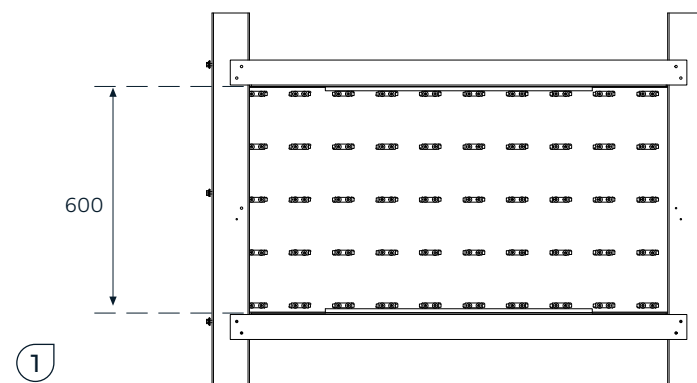
After-sales plate
presentation

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 th.40mm.

Key

1   Front in Pantone 296 C midnight 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 midnight blue lacquered
     aluminum edges in satin finish.

600

40

330

750

41

41

7,5

ALPINE

1   2

3
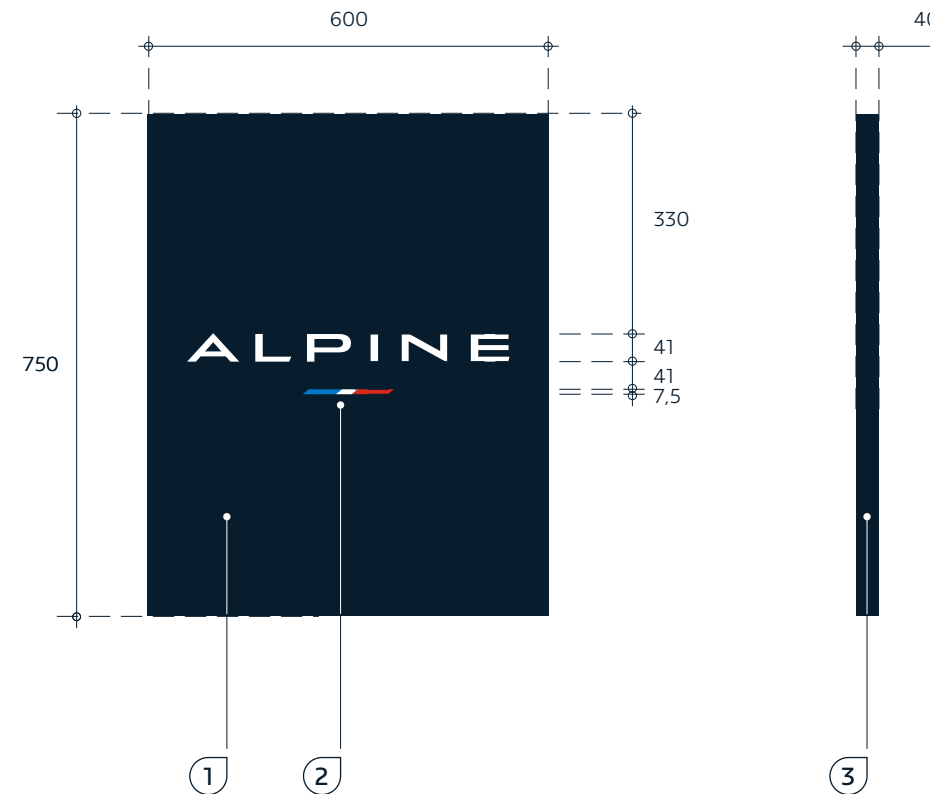
car park markings
presentation

Description

Marking of parking spaces in white paint.

Marking of the Test Drive area in white paint.

Key

1   Car park spaces.
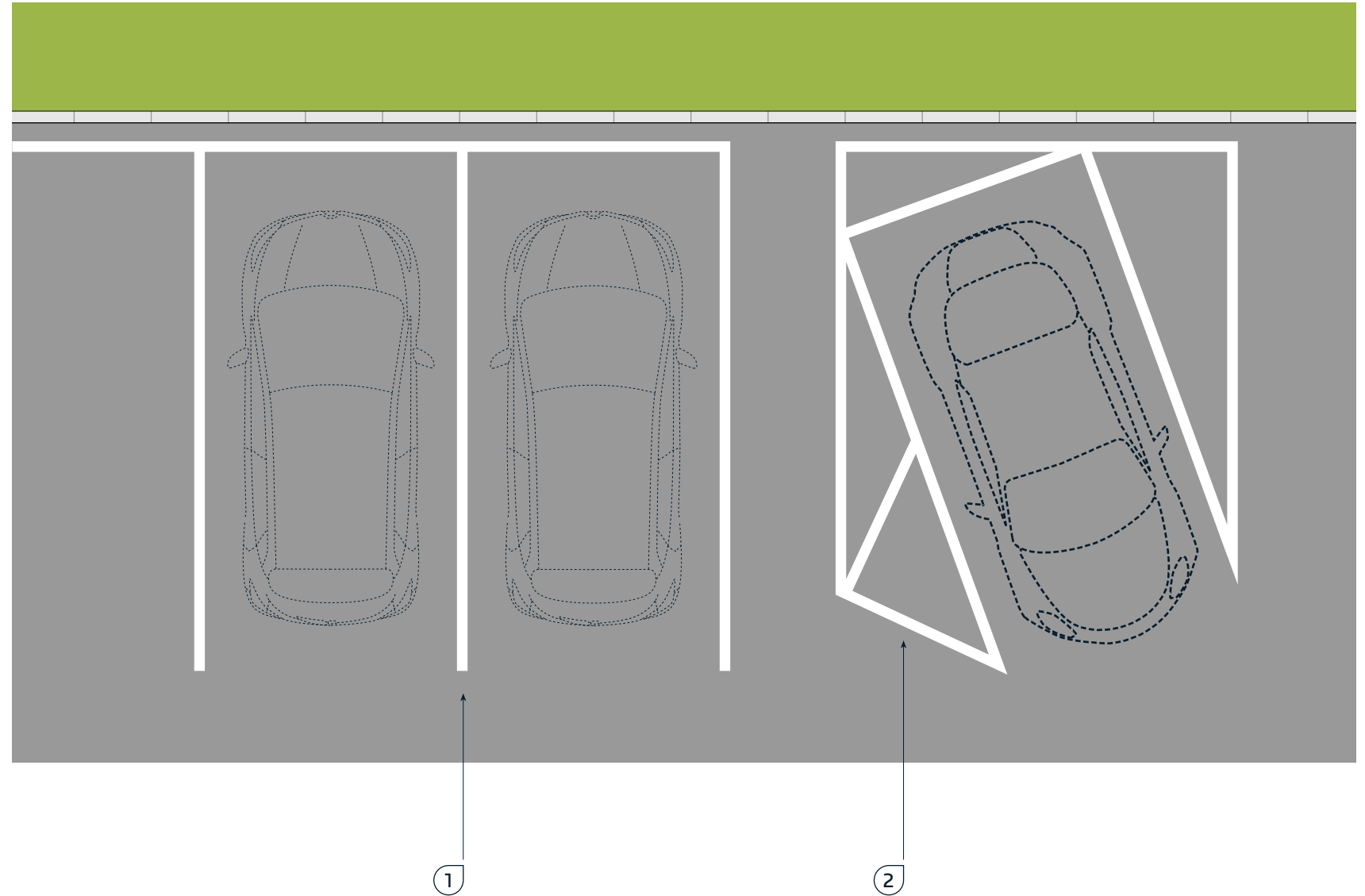
2   Test Drive area.

car parks and Test Drive area
outlines

Description

Marking of parking spaces in white paint.

Marking of the Test Drive area in white paint.

Key

1   Car park spaces

2   Test Drive area.
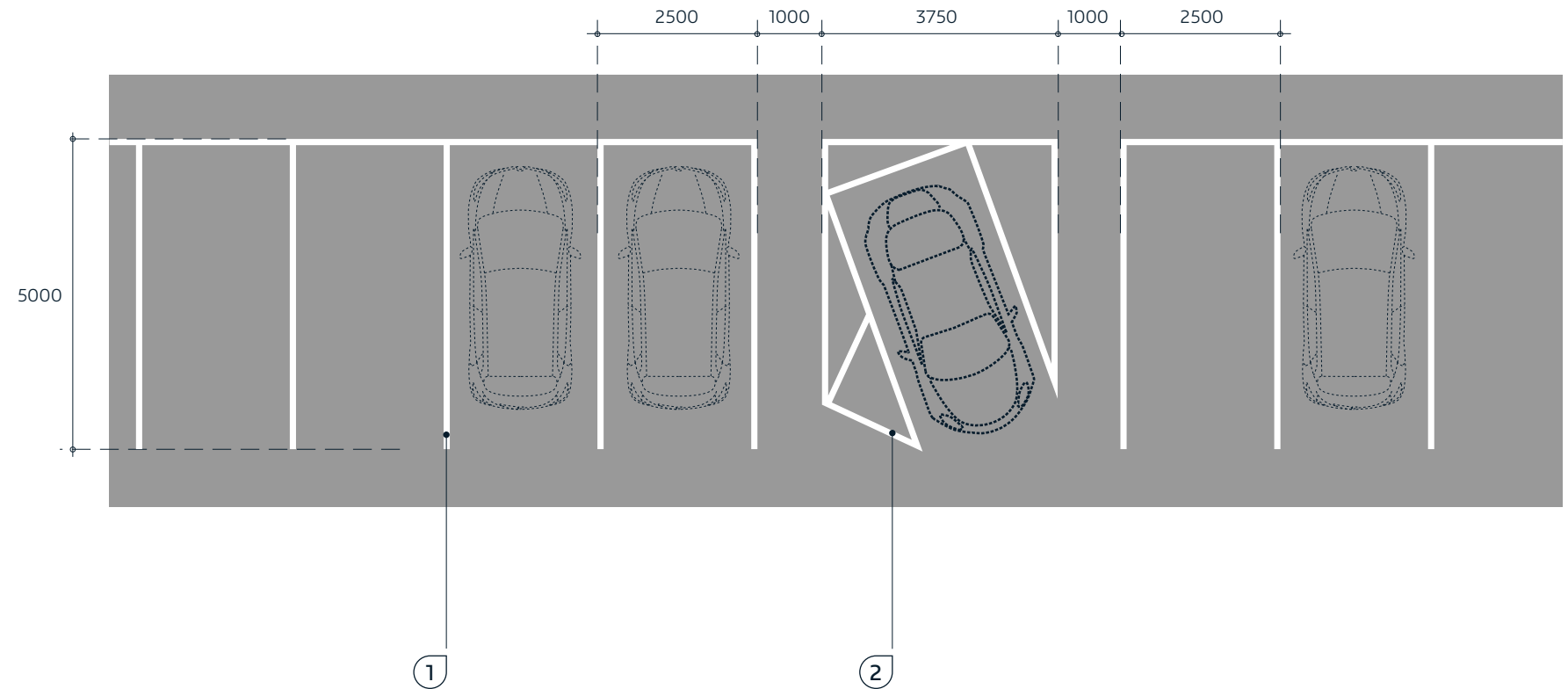
car park markings
outlines of the Test Drive zone

Description

Marking of the Test Drive zone in two-component epoxy white paint done with a stencil.
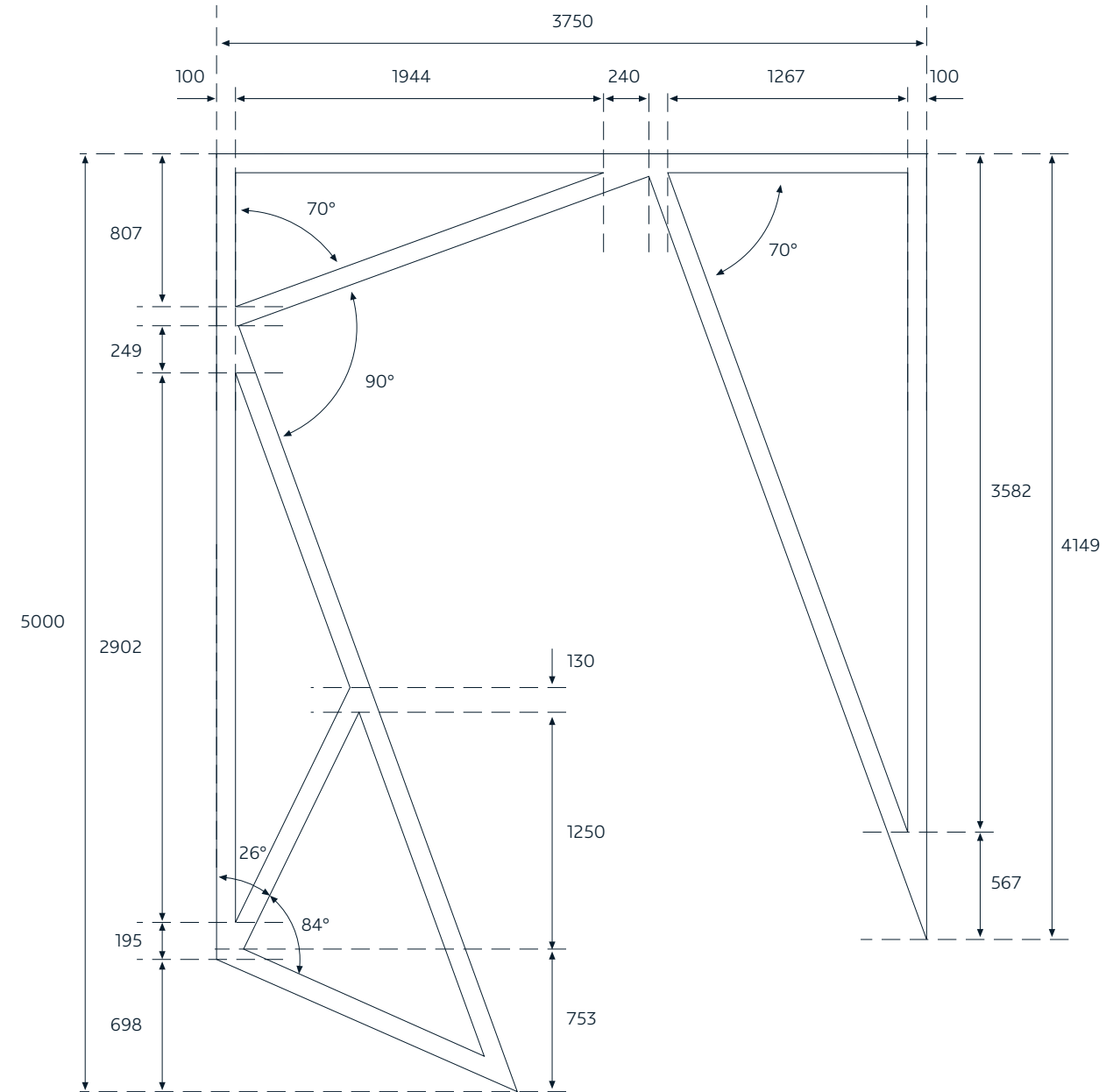
window markings
presentation

Description

Window markings made with gold adhesives meet regulatory obligations:

- highlighting of the glazed parts,
- display of showroom opening hours.

The adhesive marking must always respect the recommended orientation of the pattern.

Key

1   Adhesive entrance markings in matt metallic gold adhesive.

2   Adhesive window marking in matt metallic gold adhesive.

Welcome

From Monday to Friday :
Morning: 8:30 a.m. - 12:00 p.m.
Afternoon: 1:30 p.m. - 7:00 p.m.

On Saturday :
Morning: 9:00 a.m. - 12:00 p.m.
Afternoon: 2:00 p.m. - 7:00 p.m.

90

440

40

1100

1

2
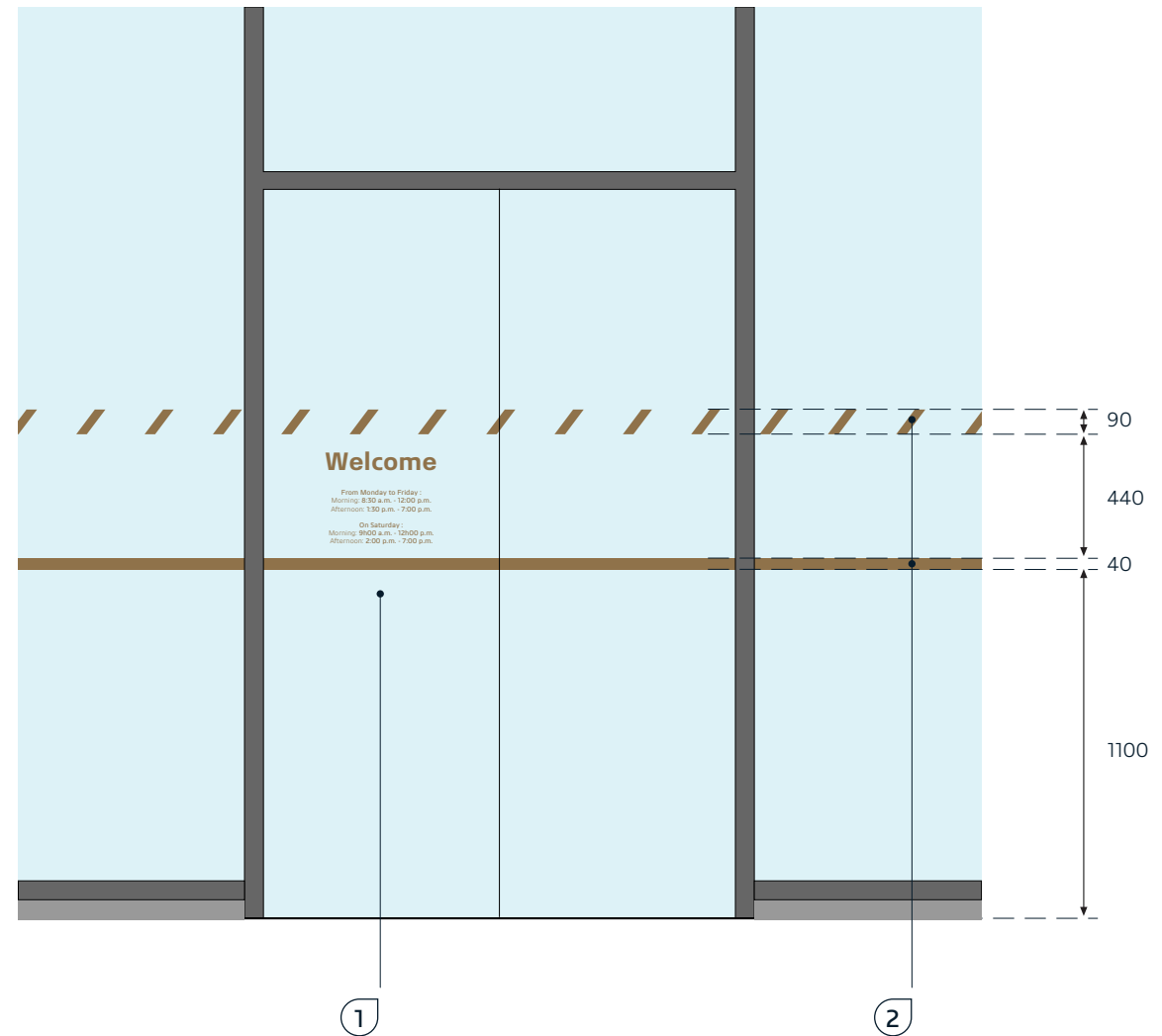
window markings
outlines of entrance markings

Description

Entrance markings are made with a matt metallic gold adhesive cutout (letter to letter) placed inside the showroom for better protection.

Key

1   Mention "Welcome" in Alpine Ascension Bold typography, centered, upper case on the first letter,

2   Secondary terms "Morning" and "Afternoon" typography Alpine Ascension Regular, capital letter on the first letter,

3   Mention of opening times and days in Alpine Ascension Regular typography, capital letter on the first letter,

Welcome

From Monday to Friday :
Morning: 8:30 a.m. - 12:00 p.m.
Afternoon: 1:30 p.m. - 7:00 p.m.

On Saturday :
Morning: 9h00 a.m. - 12h00 p.m.
Afternoon: 2:00 p.m. - 7:00 p.m.

58
68
18
27
27
54
27
27

1   2   3
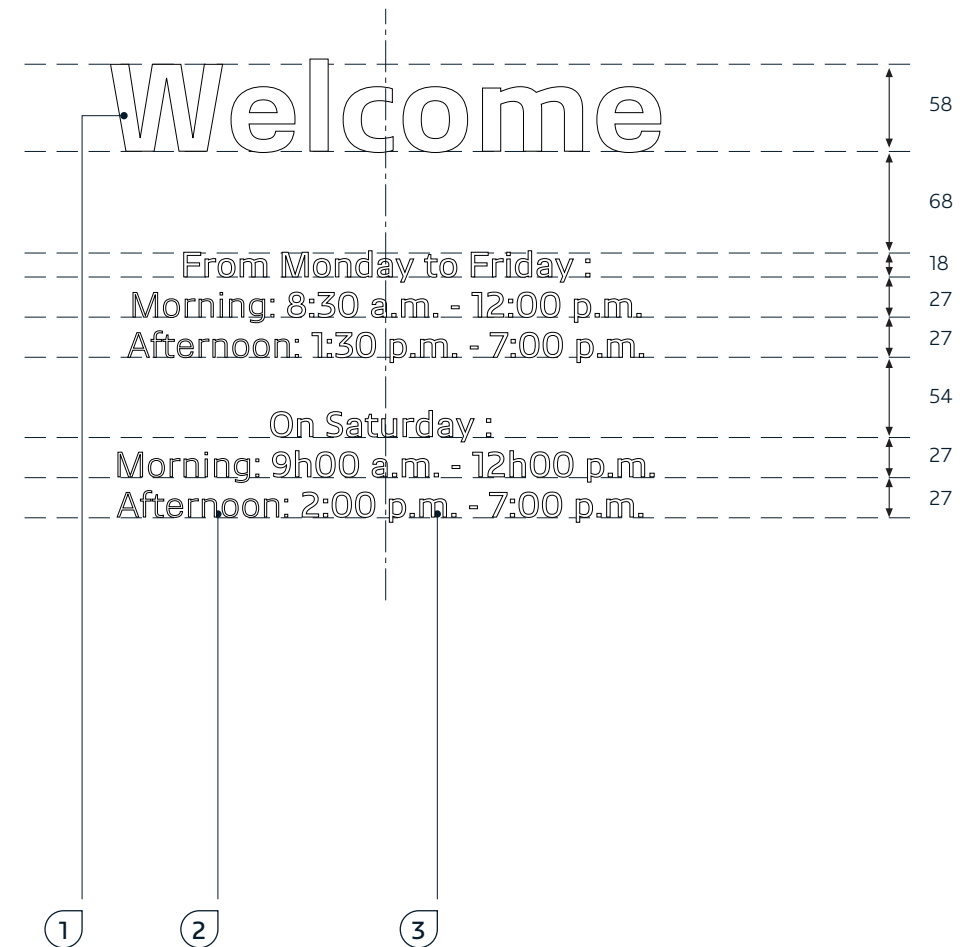
window markings
outlines

Description

The markings are made by cutting matt metallic gold adhesive placed inside the showroom for better protection.
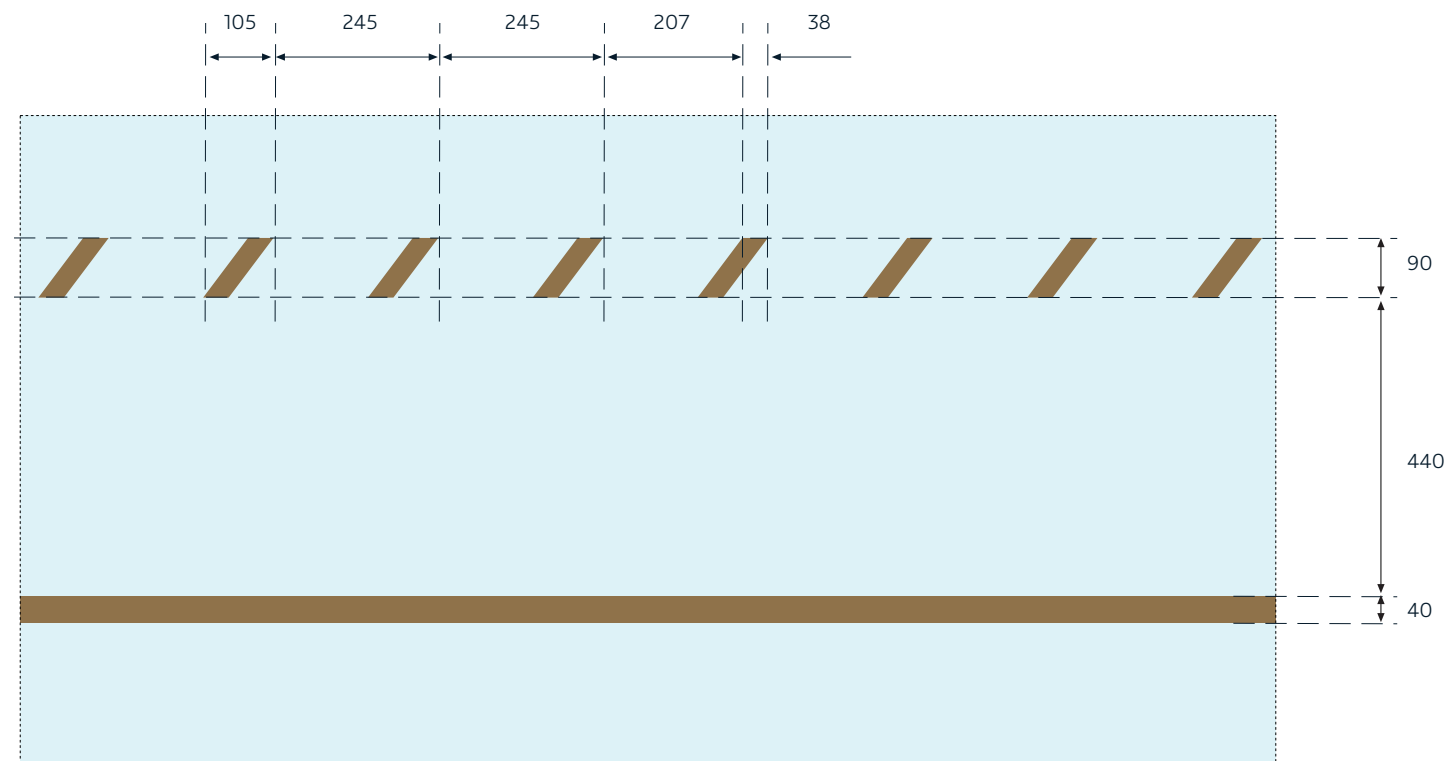
3
interior components

S

the interior design
materials

Principle

The opposite elements describe the materials recommended for the realization of the interior design components.
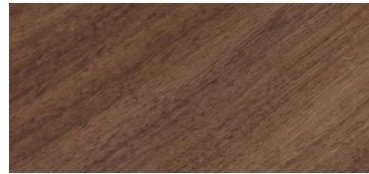
Laminate veneer

Particle boards or MDF th. 18 mm veneered in Unilin Aneto Walnut H581 laminate.

Matt midnight blue

Adhesive ref. 3M PS-1825 on laminate veneered surfaces.

Wall paint in matt finish.

Midnight blue satin

Pantone 296C blue post-lacquered aluminum sheet in 40% gloss satin finish.
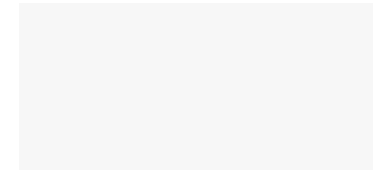
White Corian

Glacier white synthetic resin in 240 grain matt finish.

Matt black RAL 9004

Axalta Fine textured signal black powder paint.

Laminate type EGGER U999 PT matt black.
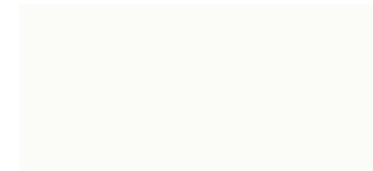
Matt white

Mass-tinted adhesive in matt finish.

Matt light grey

Levis grsi subtle sesame wall paint.

Printing on ACM

Direct printing on ACM panels with matt finish.

Anodized aluminum

Natural tint.

Printing on fabric

Printed on fine mesh polyester fabric in matt finish.

visuals
outlines

Description

Printed visuals on stretched canvas or on dibond.

Key

1   3 mm thick dibond panel, raw edge.

2   Panel in stretched polyester fabric in matt finish mounted on aluminum profiles with natural anodizing finish.

Hexachromy or octochromic printing with matt finish.
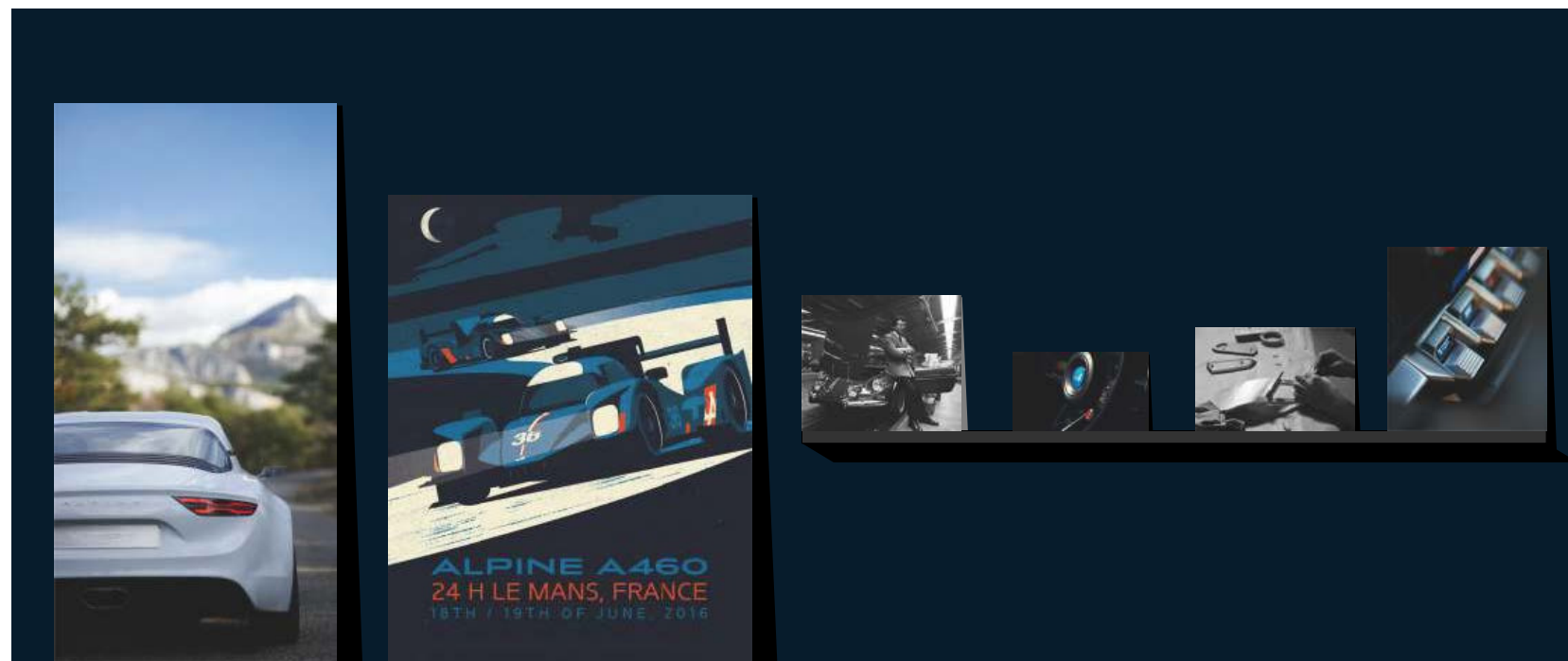
| h.2500 x l.1250 | h.2070 x l.1600 | h.600 x l. 700 | h.350 x l. 600 | h.450 x l. 700 | h.800 x l. 700 |

Printed visuals on canvas mounted on aluminum frame

Printed visuals on dibond

①

②

interior sign
presentation

Description

Backlit sign offset from the wall by 20mm spacers with lighting by chain leds to the flow directed towards the wall.

- Front face and edges in brushed stainless steel, thickness 1mm.

- Black edge in black lacquered sheet RAL 9004, thickness 40mm.

- Rear face in diffusing white PMMA mounted on brushed stainless steel spacers, 20mm offset from the wall.

Key

1   Wall painted in grey matt finish.
    Ref. LEVIS Subtle Sesame.

2   Wall sign.

3   RAL 9004 black lacquered aluminum plinth in matt finish.
    Dimensions: 950 x 1950 x 40mm.
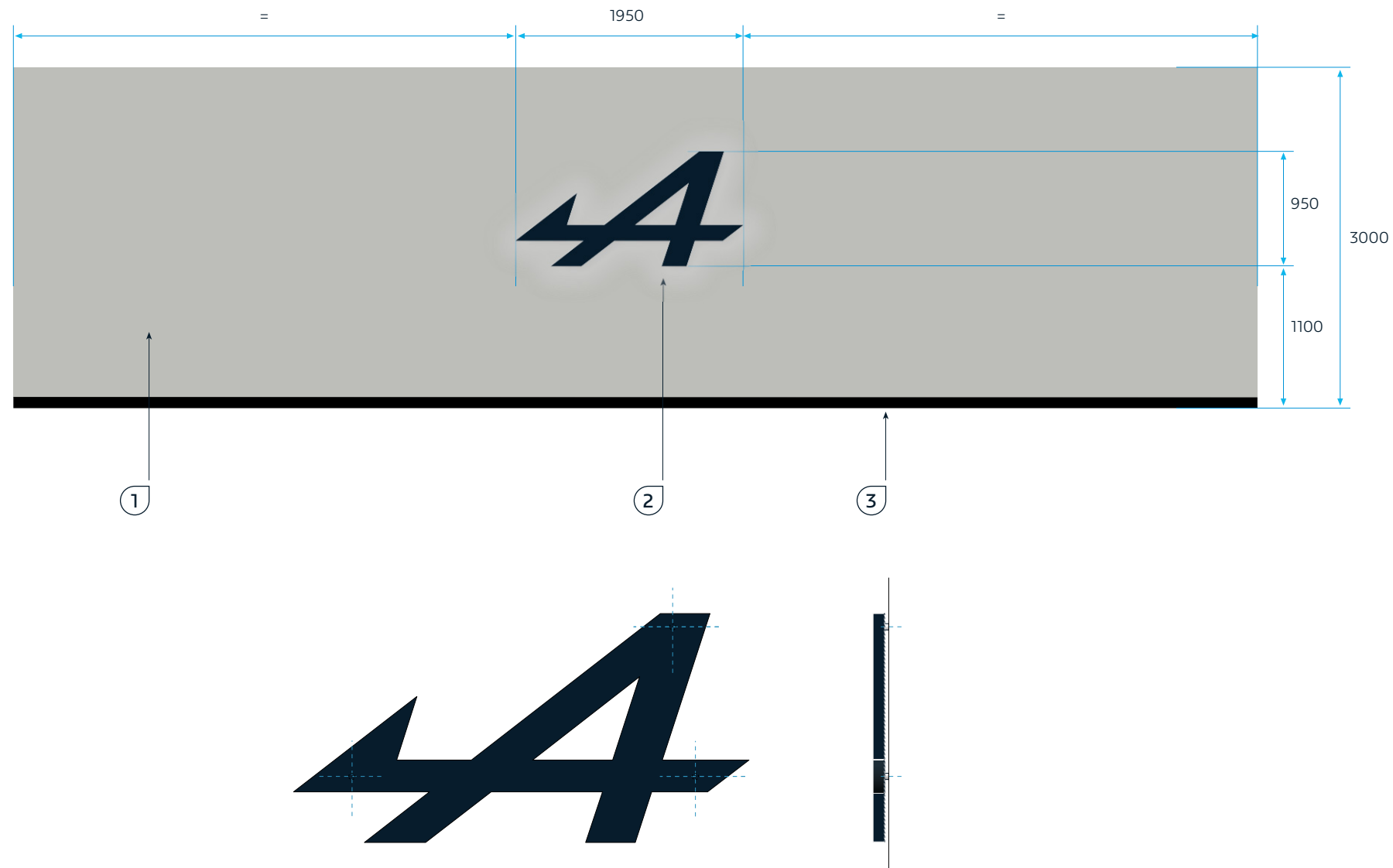
wooden wall cladding
presentation

Description

Cladding on wood frame in particle boards with Unilin Aneto Walnut H581 laminate veneer finish with 5 mm aluminum inserts protected by natural anodization and flush with the wood surface (see detail opposite).

Finishing of the lower part made by the plinth in matt black lacquered aluminum profile h. 100 x 20mm.

Standard format: h. 2900 x l. 3500mm

3500

1250   750   550   400   200   150 100   100

FRESCO

2900

ALUMINIUM PLINTH

DETAIL

5
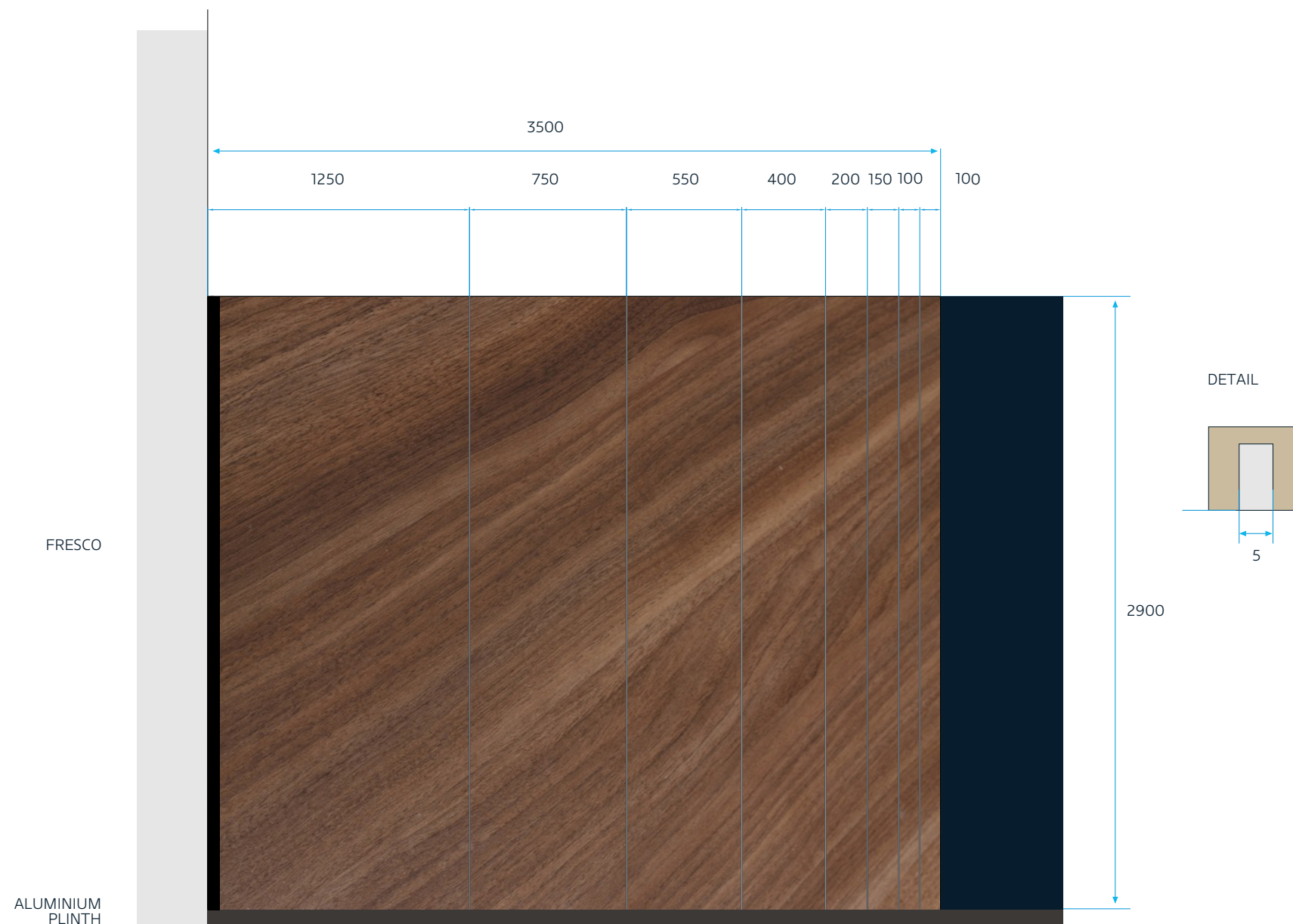
Mountain fresco
presentation

Description

Visual printed on stretched canvas mounted on an aluminum frame offset from the wall.

Dimensions: 8000 x 3000 x 50mm.

2 versions with different positioning of the Alpine signature.

Key

1   Variation with signature on the right

2   Variation with signature on the left

3   Front panel in stretched polyester fabric in matt finish mounted on aluminum profiles with natural anodizing finish.
    Hexachromy or octochromy printing.
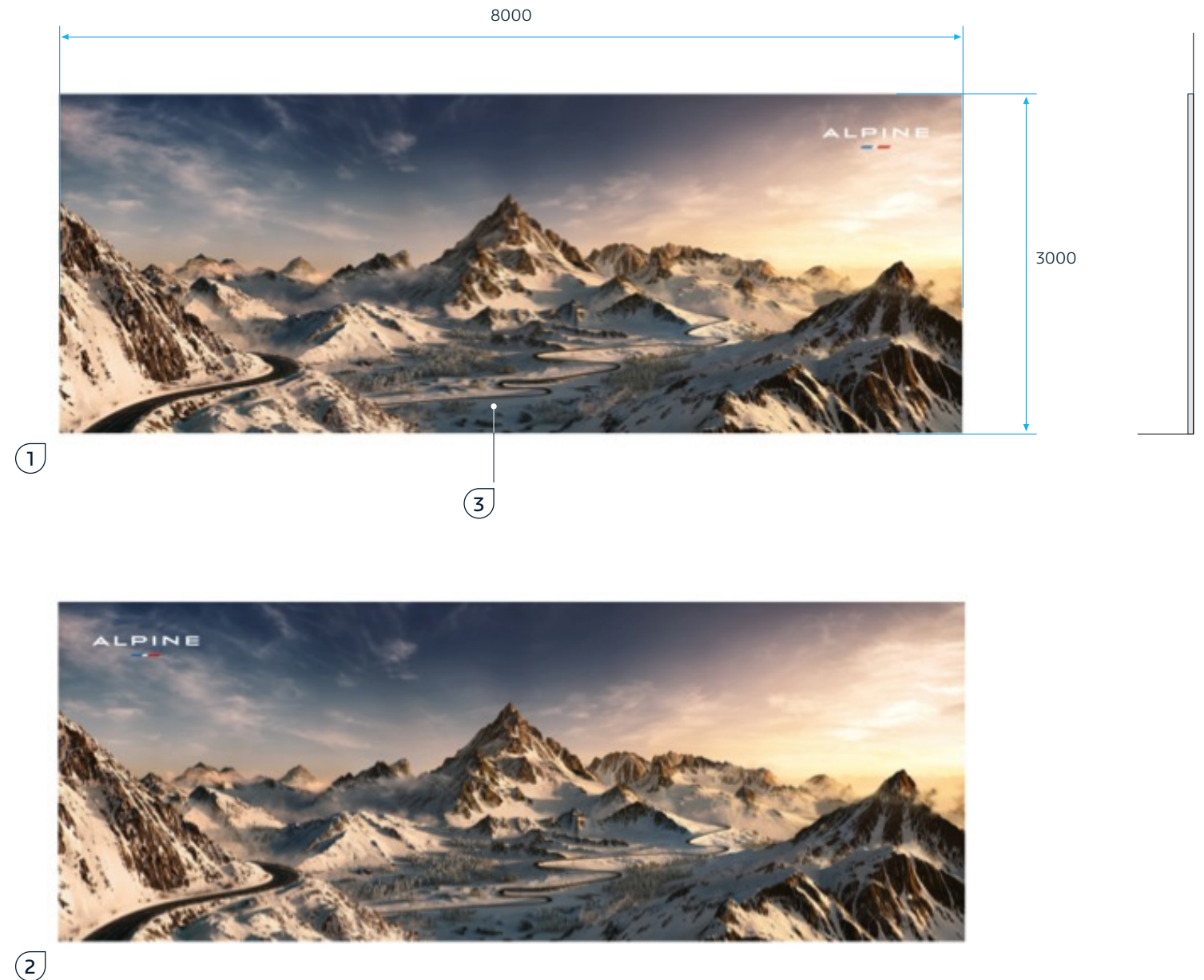
communication

Atelier Alpine and Jean Rédélé texts

Description

Letters cut from matt white adhesive, ref. 3M 100-10 on midnight blue wall.

Laying in pavet of texts with transfer film after stripping.

Alpine Ascension Regular typography in iron on the left.

Key

1   Alpine Center text,
    Alpine Ascension Regular typography aligned
    on the left.

2   Jean Rédélé text,
    Alpine Ascension Regular typography aligned
    on the left.

1138

Alpine Center

128

697

1

1673

36
80

« I chose the name Alpine, because that adjective represents to me
the pleasure of driving on mountain roads. It is by crisscrossing
the Alps with my 4 CV to 5 box that I had fun. this exciting driving,
my customers had to find her behind the wheel of the car I wanted
to build.
Alpine is a name that sounds good, it is also a symbol. »
Jean Rédélé

533

2
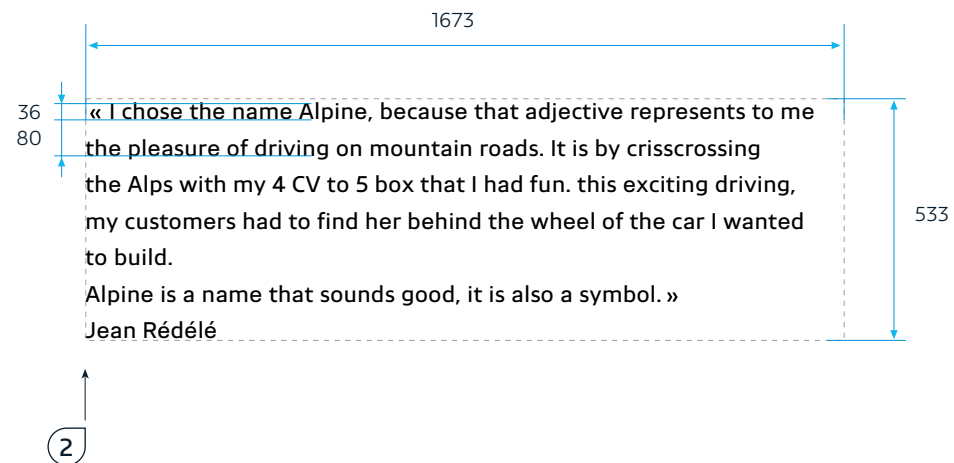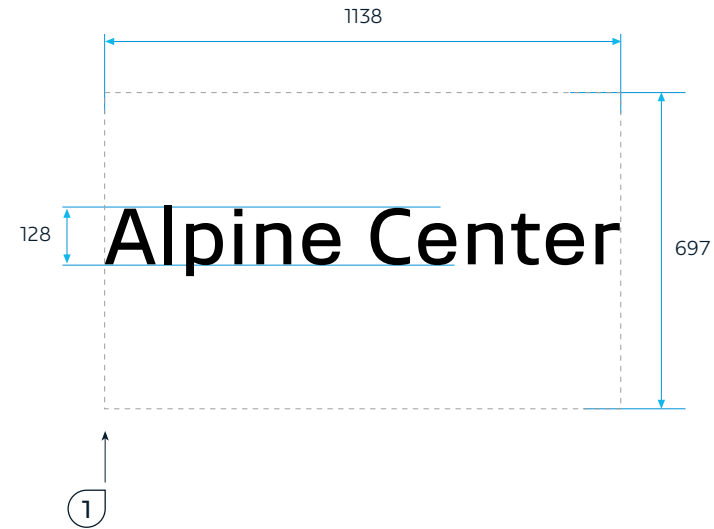
communication
Right wall and Chronological dates texts

Description

Letters cut from matt white adhesive, ref. 3M 100-10 on midnight blue wall.

Laying in text blocks with transfer film after stripping.

Key

1   Right wall,
    Alpine Ascension Regular typography aligned on the left.

2   Chronological dates,
    Alpine Ascension Bold typography centered, body of text in Alpine Ascension Regular typography aligned on the left.

1762

40

Born in the Alps, the origins, values and know-how of Alpine accentuate the innate relationship between the driver, his machine and his environment.

With lightness, agility, performance and competition at its heart, each Alpine increases driving pleasure through a unique dynamic experience.

Alpine's raison d'être is to build beautiful, beautifully crafted sports cars appealing to those who appreciate timeless design mixed with original French elegance.

We believe in the delicate balance between respect and panache, passion and reason. This is how we make our cars.

This is how you lead them.

945

1

1324

151

1955	Jean Rédélé officially launches Alpine on the occasion of the 42nd Paris Motor Show by presenting Coach A106
1963	Creation of the A 110
1973	Victory at the World Rally Championship
1978	Victory at the 24 hours of Le Mans
2016	#Alpine is back
2016	Victory at the LMP2 World Endurance Championship

36

580

2

the confectioning table
presentation

Description

This furniture includes 4 different modules made on wood frame in particle board with laminate finish.

These modules can be combined in 2 configurations adapted to the surface of the Alpine showroom.

Key

1   4-module configuration,
     consisting of module 1, module 2, module 3
     and module 4
2   5-module configuration,
     consisting of module 1, two modules 2,
     module 3 and module 4.

1

2

the confectioning table
top and front views

Description

Furniture comprising 4 different modules made on a wood frame in particle board finished in Unilin Aneto Walnut H581 laminate.

Drawer unit in sheet steel in matt black powder-coated finish RAL 9004.

Dimensions: L. 492 x W.100 x H.73cm.

Key

1   Top view

2   Front view

MODULE 1   MODULE 2   MODULE 3   MODULE 2   MODULE 4

Closet access
2 sockets in the closet, with electrical supply

Electrical inlet on the ground centered on the module

Plug in the closet

100
1000   500   900
500

510   190   5   1100   5   100   1100   100   5   1100   5
700   1110   1300   1110   700
4920

Laminate panel
Unilin Aneto Walnut H581

AXALTA Alesta sheet metal drawer units. Fine textured signal collection black RAL 9004

Glacier White CORIAN top
Thickness 12mm

Laminate panels
Unilin Aneto Walnut H581

700   5   1100   5   1300   5   1100   5   700
30   1050   30

50 70
805
175

70
925   855   1100
175

800   1110   1300   1645   160
4920

the confectioning table
side views

Key

1   Side view of module 1

2   Side view of module 4

Unilin Aneto Walnut
H581 laminate
veneered edge

Plug
protruding with
electrical arrival

1000

1100

805

50 70

175

5 5 5 5
130 130 130 130 130

160 140

300   540   105 55

55

1000

①

4,5   991   4,5

1100

925

916

4,5

175

4,5

Unilin laminate
Aneto Walnut H581

Sheet metal plinth
AXALTA Alesta
Fine textured collection signal
RAL 9004 black

160   680   160

1000

②
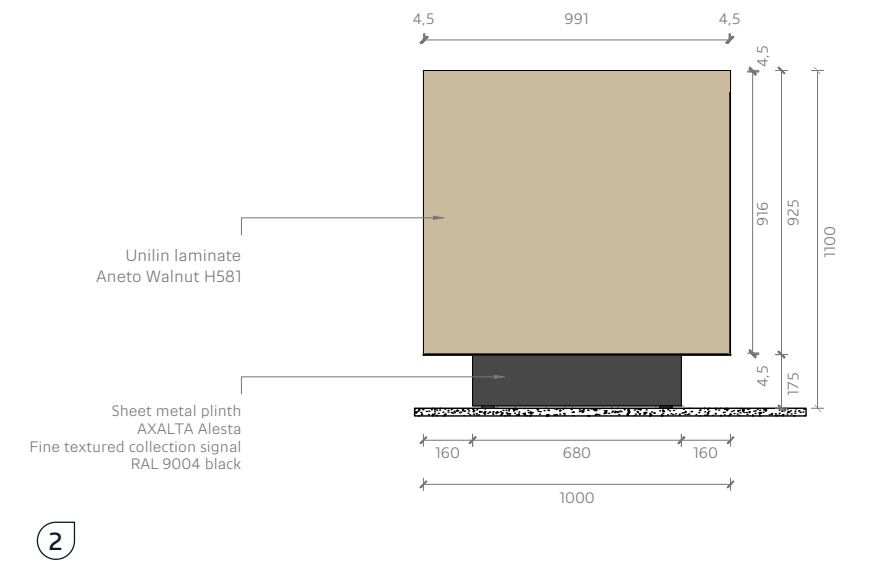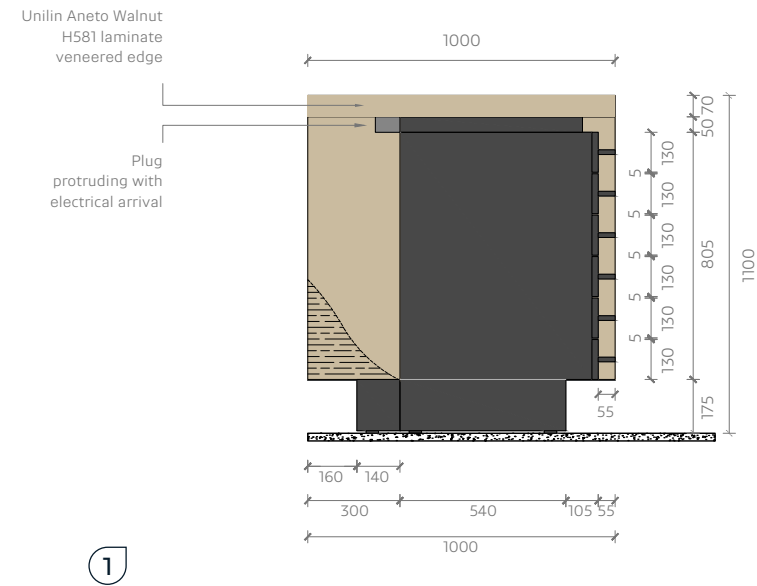
the merchandising furniture
presentation

Description

The merchandising furniture composed of a basic module made on a wood frame in particle board with a laminate finish.

This module can be associated with a metal rack allowing the presentation of textile articles.

Several modules (1 to 3) can be aligned in order to adapt the configuration to the surface of the Alpine showroom.

Key

1   3-module configuration

1

the merchandising furniture
configuration 1

Description

Display furniture for accessories and goodies that can be combined according to several assembled modules.

- Structure in particle board or MDF.
- Finishing of particle boards in Unilin Aneto Walnut H581 laminate.
- Base in RAL 9004 black lacquered metal
- Dimensions: 110 x 100 x 60cm

TOP VIEW - CONFIGURATION 1

Surface plating
laminate
Unilin Aneto Walnut H581
(Horizontal grain direction)

Sheet metal plinth
AXALTA Alesta
Fine textured collection signal
RAL 9004 black

LEFT SIDE VIEW - CONFIGURATION 1

Accessory:
removable clothes rack

Removable shelves
in laminate panels
Unilin Aneto Walnut H581
(Horizontal grain direction)

Laminate panel
Unilin Aneto Walnut H581
(Horizontal grain direction)

MDF panel bottom
black matt varnish

Sheet metal plinth
AXALTA Alesta
Fine textured collection signal
RAL 9004 black

FRONT VIEW - CONFIGURATION 1

Surface plating
laminate
Unilin Aneto Walnut H581
(Horizontal grain direction)

Sheet metal plinth
AXALTA Alesta
Fine textured collection signal
RAL 9004 black

RIGHT SIDE VIEW - CONFIGURATION 1

the merchandising furniture
configuration 2

Description

Display furniture for accessories and goodies that can be combined according to several assembled modules.

- Structure in particle board or MDF.

- Finishing of particle boards in Unilin Aneto Walnut H581 laminate.

- Base in RAL 9004 black lacquered metal

- Dimensions: 220 x 100 x 60cm

Removable top access with brushes allowing the passage of anti-theft cables and grip for opening

Magnetic shutter

Laminated surface Unilin Aneto Walnut H581 (Horizontal grain direction)

500
1000
500

1100   5   1100
2205

TOP VIEW - CONFIGURATION 2

Accessory: removable clothes rack

Removable shelves in laminate panels Unilin Aneto Walnut H581 (Horizontal grain direction)

1115
959
1715

Laminate panel Unilin Aneto Walnut H581 (Horizontal grain direction)

MDF panel bottom black matt varnish

Sheet metal plinth AXALTA Alesta Fine textured collection signal RAL 9004 black

540
600
60

160   940   2,5 2,5   940   160
1100   5   1100

FRONT VIEW - CONFIGURATION 2

Surface plating laminate Unilin Aneto Walnut H581 (Horizontal grain direction)

Sheet metal plinth AXALTA Alesta Fine textured collection signal RAL 9004 black

4.5   991   4.5

4.5
531   540   600
4.5   60

160   680   160
1000

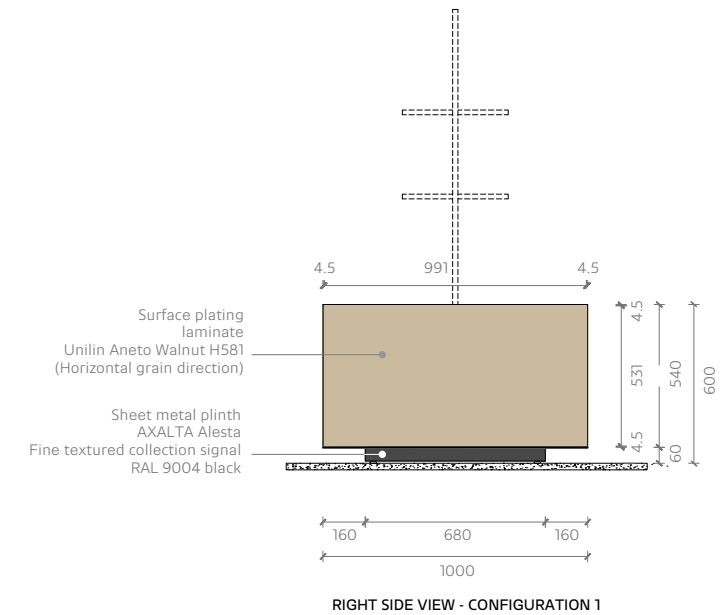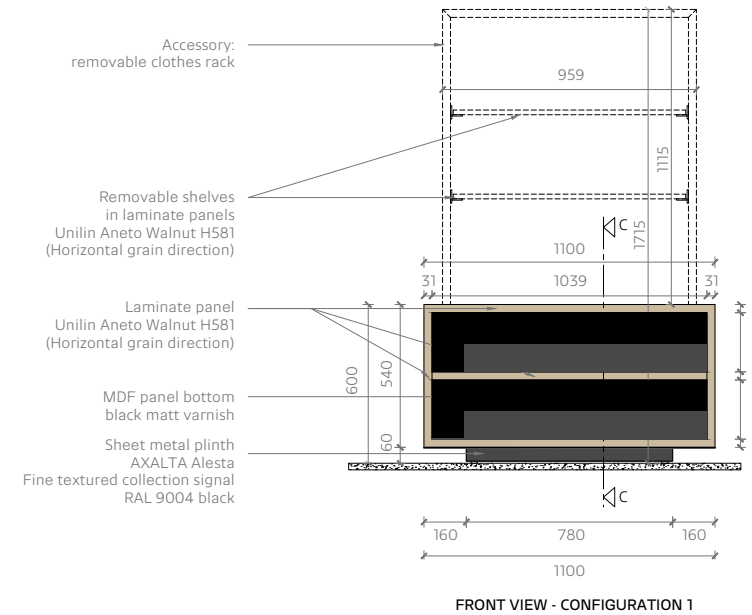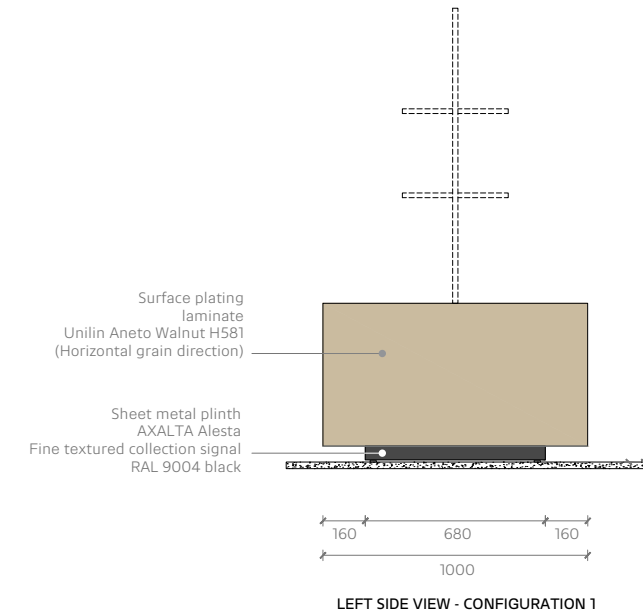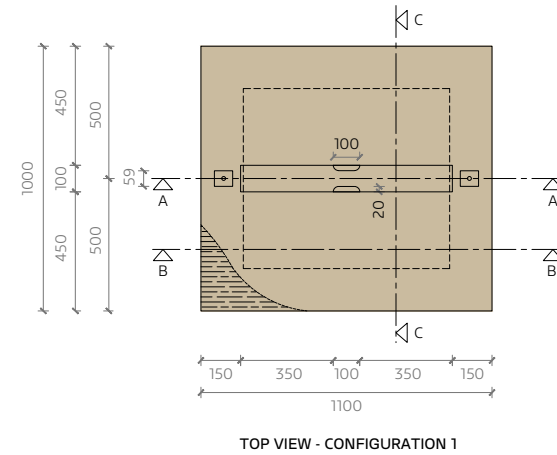**RIGHT SIDE VIEW - CONFIGURATION 2**

the merchandising furniture
configuration 3

Description

Display furniture for accessories and goodies that can be combined according to several assembled modules.

- Structure in particle board or MDF.
- Finishing of particle boards in Unilin Aneto Walnut H581 laminate.
- Base in RAL 9004 black lacquered metal
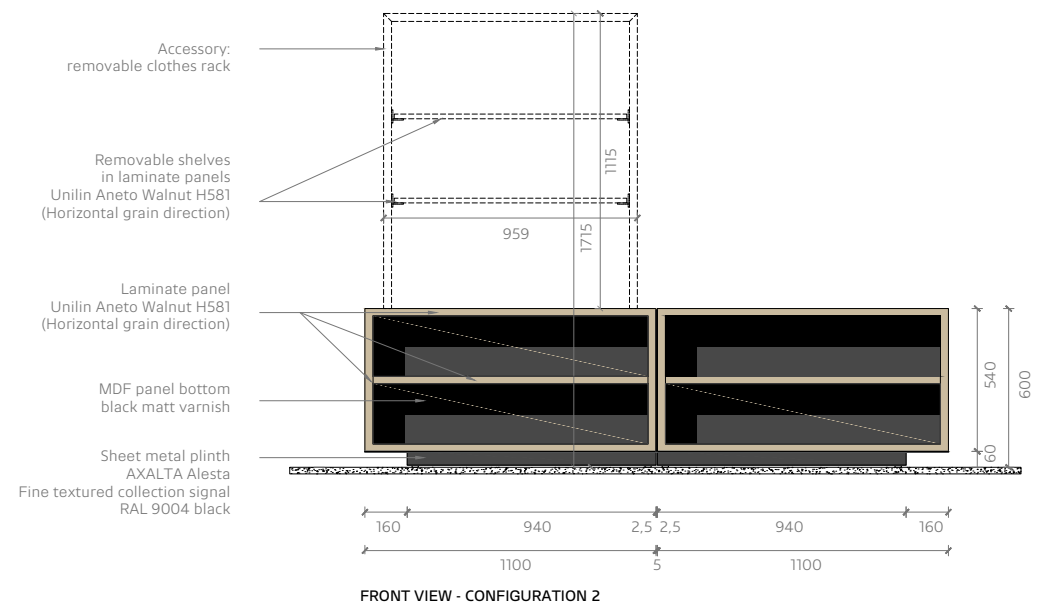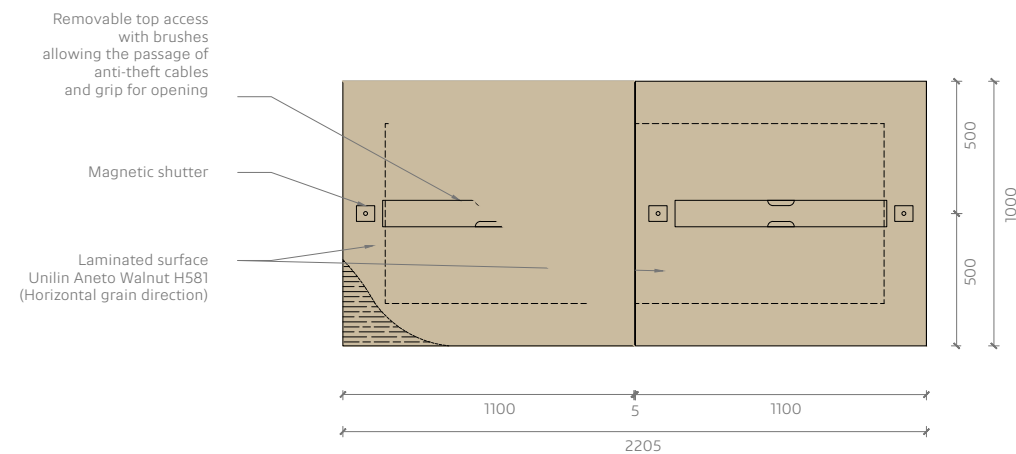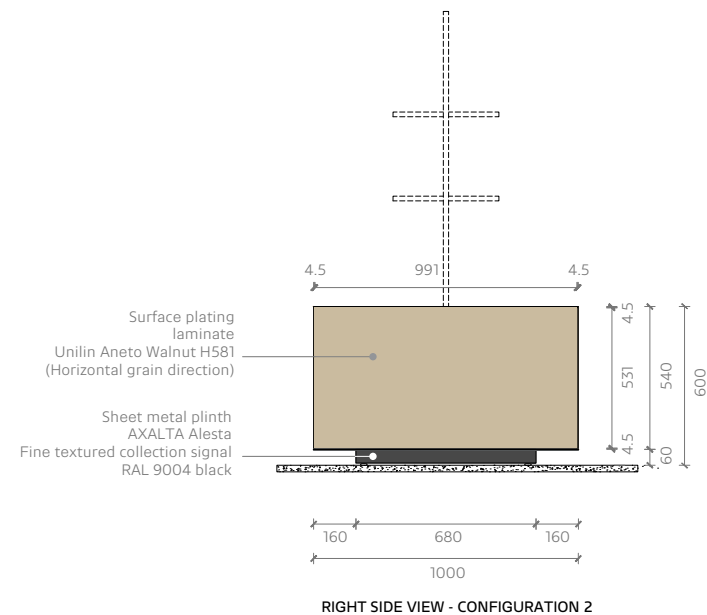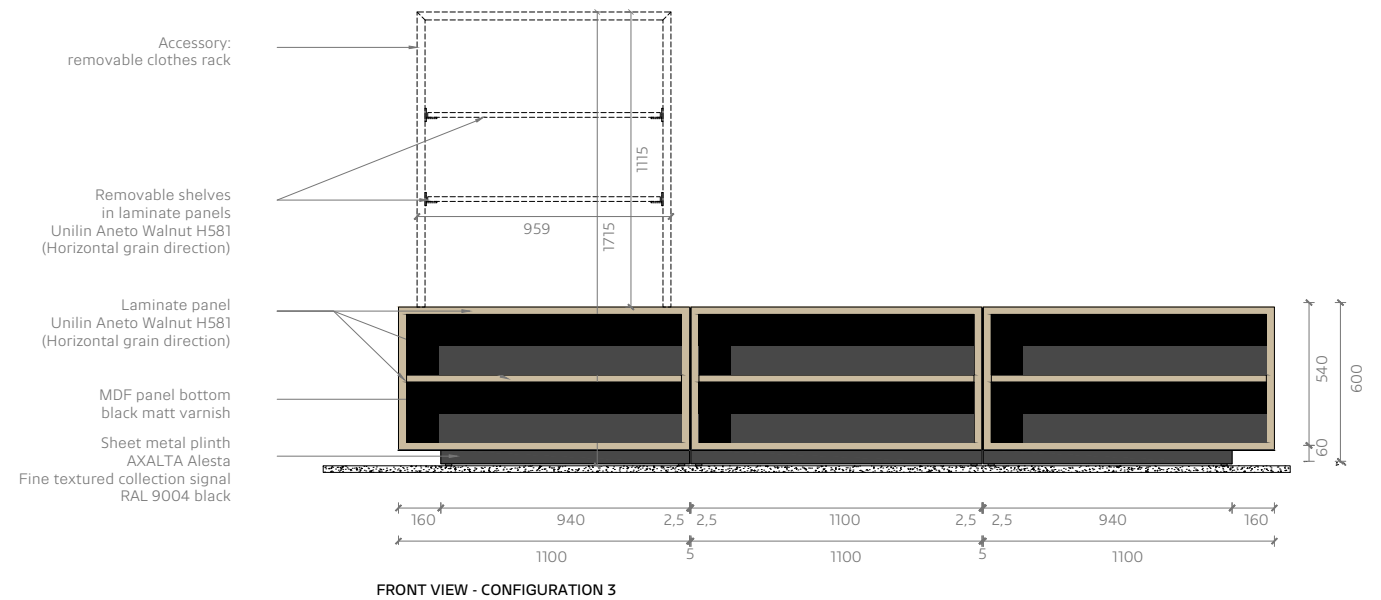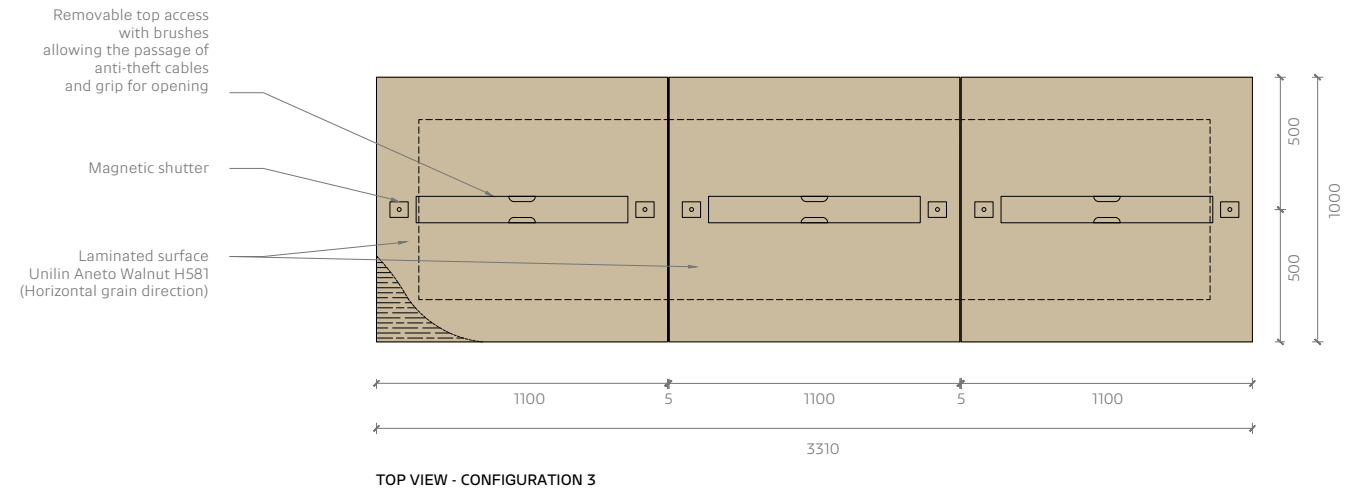- Dimensions: 330 x 100 x 60cm

Removable top access with brushes allowing the passage of anti-theft cables and grip for opening

Magnetic shutter

Laminated surface Unilin Aneto Walnut H581 (Horizontal grain direction)

500 · 1000 · 500

1100 · 5 · 1100 · 5 · 1100

3310

TOP VIEW - CONFIGURATION 3

4.5 · 991 · 4.5

Surface plating laminate Unilin Aneto Walnut H581 (Horizontal grain direction)

Sheet metal plinth AXALTA Alesta Fine textured collection signal RAL 9004 black

4.5 · 531 · 540 · 600 · 4.5 · 60

160 · 680 · 160

1000

RIGHT SIDE VIEW - CONFIGURATION 3

Accessory: removable clothes rack

Removable shelves in laminate panels Unilin Aneto Walnut H581 (Horizontal grain direction)

Laminate panel Unilin Aneto Walnut H581 (Horizontal grain direction)

MDF panel bottom black matt varnish

Sheet metal plinth AXALTA Alesta Fine textured collection signal RAL 9004 black

1115 · 959 · 1715

540 · 600 · 60

160 · 940 · 2,5 · 2,5 · 1100 · 2,5 · 2,5 · 940 · 160

1100 · 5 · 1100 · 5 · 1100

FRONT VIEW - CONFIGURATION 3

the merchandising furniture
accessories rack

Description

This element can be used with each of the accessory presentation modules.

- Shelves in particle board or MDF veneered in Unilin Aneto Walnut H581 laminate.

- Structure in black lacquered metal RAL 9004

- Dimensions: 118 x 96 x 40cm

959

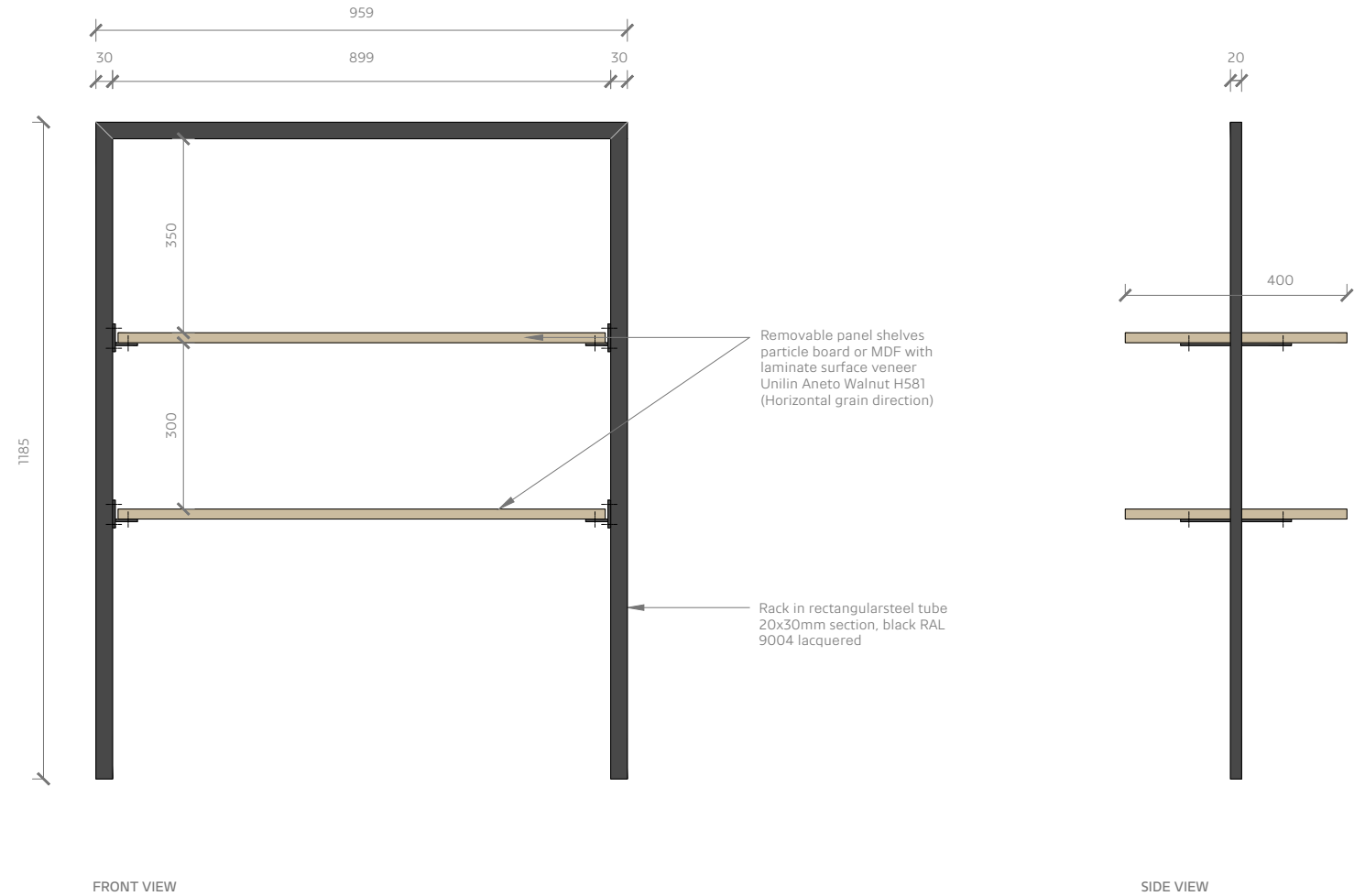30   899   30

350

300

1185

Removable panel shelves particle board or MDF with laminate surface veneer Unilin Aneto Walnut H581 (Horizontal grain direction)

Rack in rectangularsteel tube 20x30mm section, black RAL 9004 lacquered

20

400

FRONT VIEW

SIDE VIEW

the office furniture
presentation

Description

This furniture is installed against the wooden wall at the back of the showroom, next to the Alpine fresco in the sales area.

It includes the printer made available to the Alpine Advisor and has connections to the computer network and to the general power supply.

Key
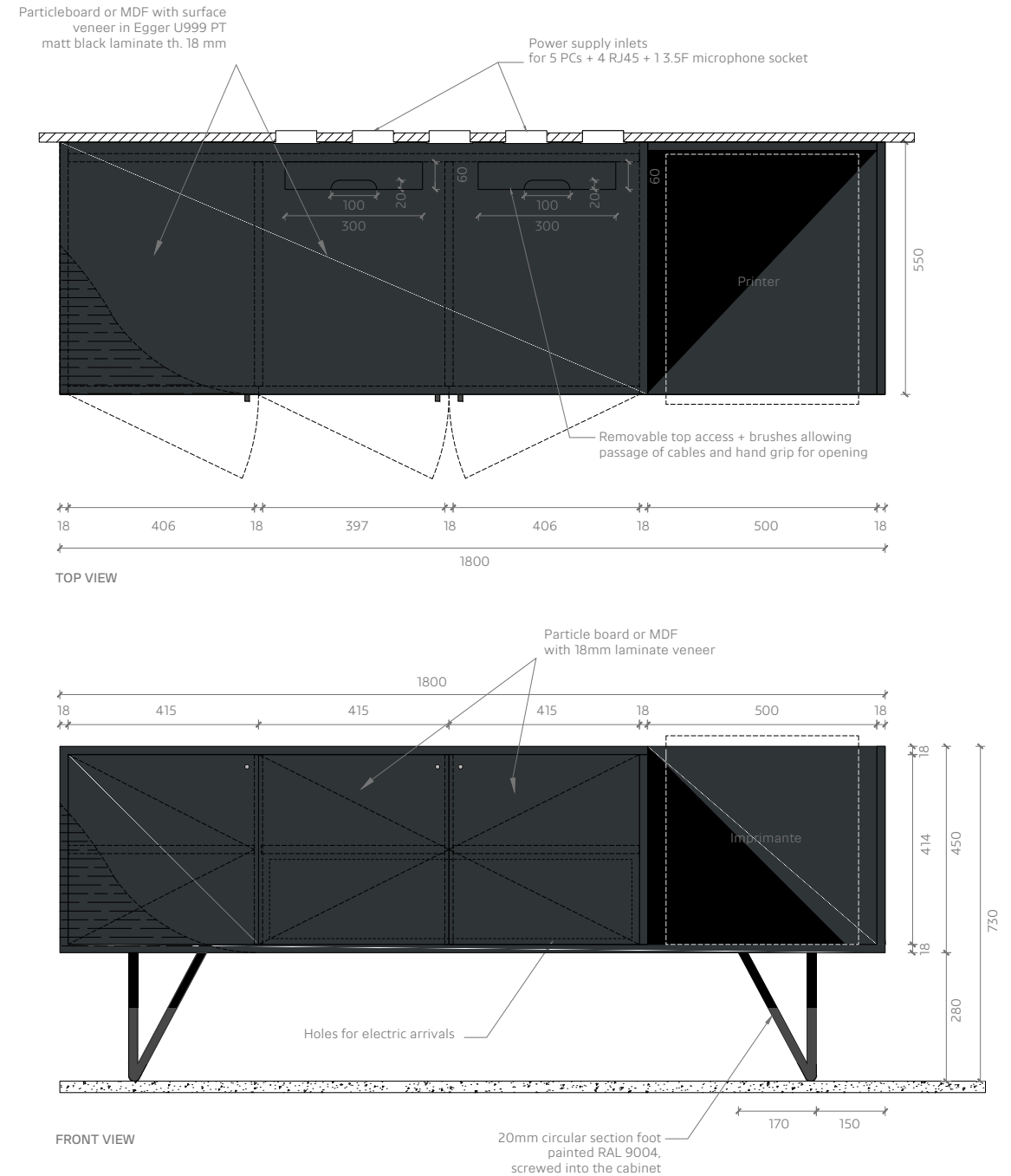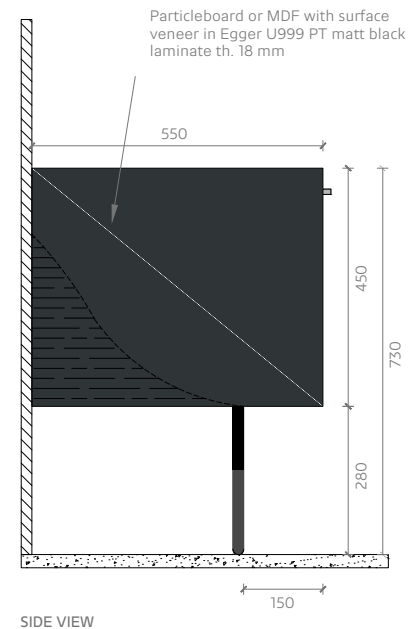
1   Office furniture

2   Printer

the office furniture

description

Characteristics

This furniture is installed against a wall in order to be connected to the electrical and computer networks.

It houses the printer.

- Structure in particle board or MDF.

- Finishing of the particle boards in laminate type EGGER U999 PT matt black.

- Base in black lacquered metal RAL 9004.

- Dimensions: 180cm x 55cm x 73cm.

Particleboard or MDF with surface veneer in Egger U999 PT matt black laminate th. 18 mm

Power supply inlets for 5 PCs + 4 RJ45 + 1 3.5F microphone socket

Printer

Removable top access + brushes allowing passage of cables and hand grip for opening

100 20
300
60
550
18 406 18 397 18 406 18 500 18
1800

TOP VIEW

Particleboard or MDF with surface veneer in Egger U999 PT matt black laminate th. 18 mm

550
450
730
280
150

SIDE VIEW

Particle board or MDF with 18mm laminate veneer

1800
18 415 415 415 18 500 18

Imprimante

18
414 450
18
730
280

Holes for electric arrivals

20mm circular section foot painted RAL 9004, screwed into the cabinet

170 150

FRONT VIEW

the visual shelf
presentation

Description

This shelf supports the visuals described on page 33.

It has a vertical edge preventing the visuals from falling by sliding.

It is made of MDF in a matt black finish.

It can be fixed either directly in the BA13 wall or in the wooden wall cladding near the back of the showroom.

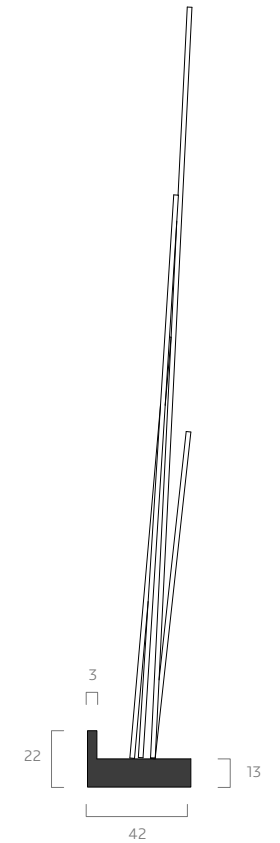In all cases, its fixation is invisible (without a support device).

• RAL 9004 black lacquered MDF.

• Dimensions: 1200 x 420 x 22mm.

1200
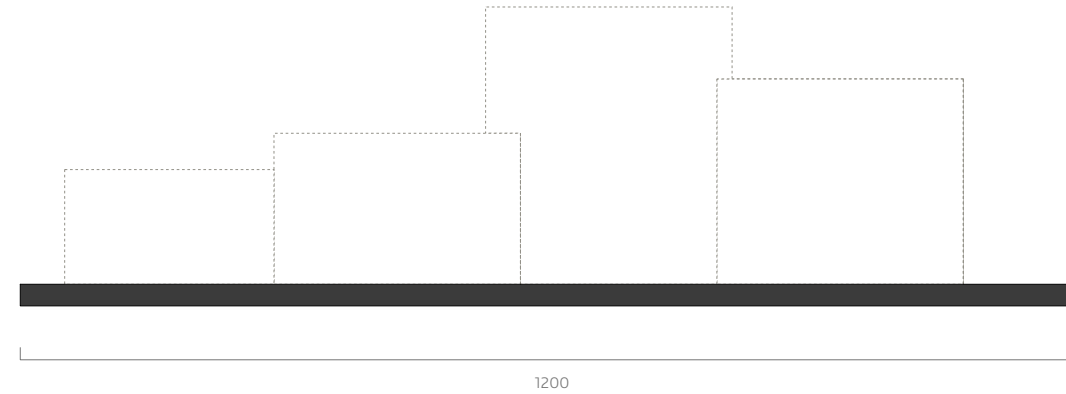
FRONT VIEW

TOP VIEW

3

22

13

42

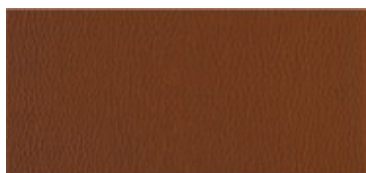SIDE VIEW

4

standard furniture

S

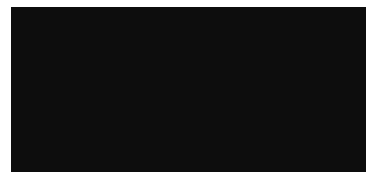# standard furniture
materials

Principle

The opposite elements describe the materials and finishes recommended for the furniture elements.

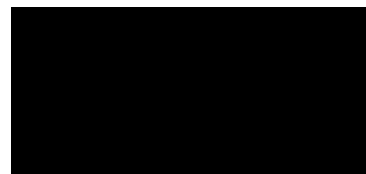**VORWEK carpet**

Passion 1003 range reference 5V25 with serged finish

Leather

Reference color 252 Volcano.

Matt black RAL 9004

Post-lacquered steel.

Black RAL 9005

Lacquered lacquered steel.

Lacquered aluminum.
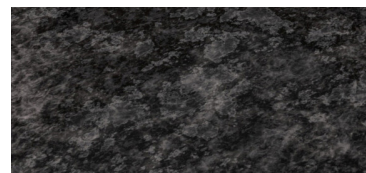
Black marble

the reception furniture
the welcome table

Description

Oval table with a black painted steel base and a 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 Lottus Enea high chair

Description

Fixed or swivel, the Lottus High spin chair has a 5-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 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
Conmotto bar stool

Description

This chair by Werner Aisslinger is based on two ideas: on the one hand, the use of 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 / m2
Features	Antistatic and fire resistance (Cfl-s1)
Dimensions	L.400 x W.500 cm

5000

4000

5
showroom
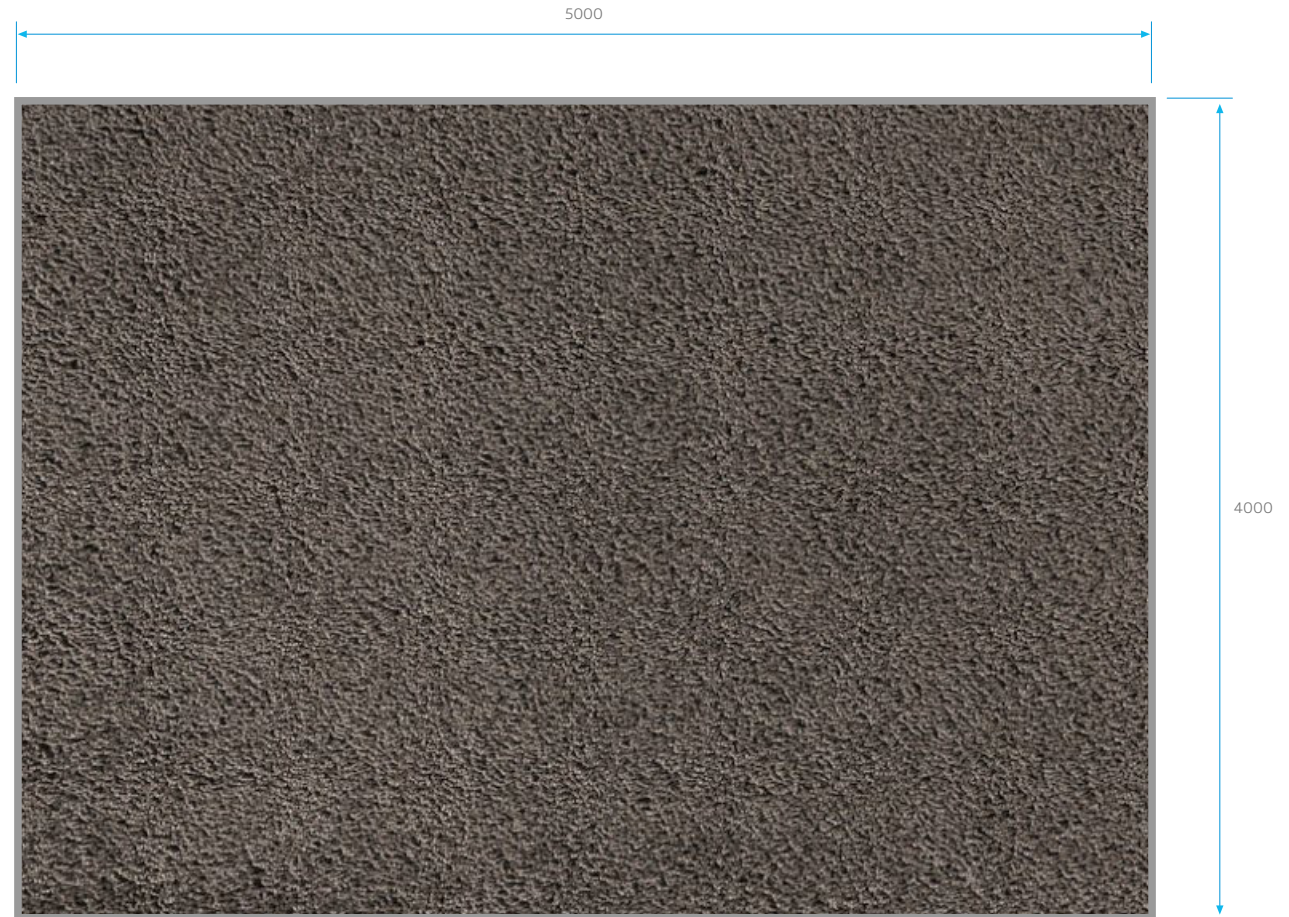
showroom
The shell

Principle

The average layout is 120 m^2.

GENERAL DIMENSIONS

Depth   15000 mm

Width   8000 mm

Height   3000 mm / 4000 mm

EXTERIOR

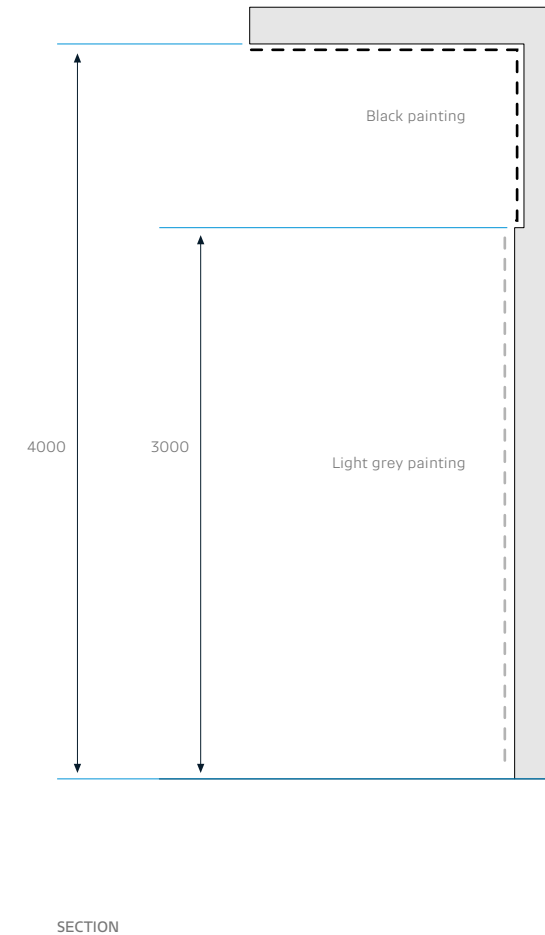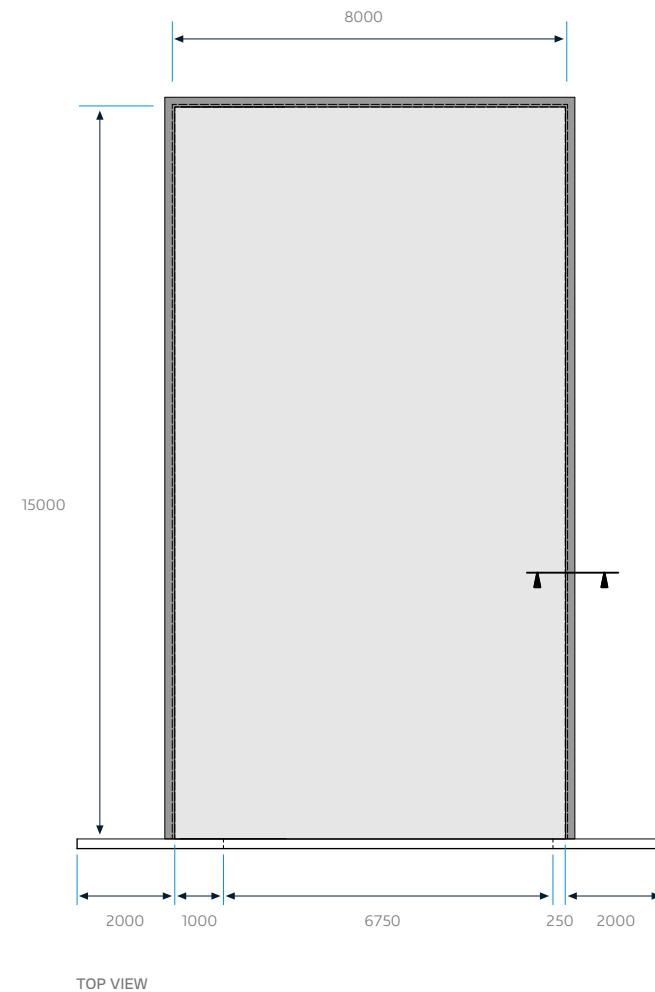Front in horizontal metallic cladding in midnight blue in satin finish.

Metal carpentry in RAL 9005 black lacquered aluminum in satin finish with clear glass mirrors.

INTERIOR

BA13 load-bearing partitions with matt paint finish.

Unhooked 3 m from the ground with matt black paint and black ceiling.

8000

15000

2000   1000   6750   250   2000

TOP VIEW

Black painting

4000   3000   Light grey painting

SECTION

showroom
exterior joinery

General facts

- Exterior joinery in RAL 9005 class 20 black lacquered aluminum including showroom access doors.

- Mirror in clear colorless glass.

Implementation repository

All joinery to be implemented will compliant with French standards NF, as well as European standards, EWAA specifications whose application is sanctioned by obtaining the EWAA EURAS label.

- The joinery carried out must comply with standard NF P 24.301.

- The contractor must also comply with DTU 37.1, metal joinery work and DTU 39, Mirroring and glazing work.

Exterior wood furnishings

The profiles will be composed of two aluminum parts mechanically assembled by two continuous insulating bars. The bars will be in polyamide reinforced with glass fiber and provided with an adhesive cord.

The sliding resistance of the bars in the profile will be ensured by a crimping which deforms the profile on the bar. When passing in the oven, the strip will show a slight shrinkage which will be compensated by the melting of the bead of glue.

The width of the thermal break bars will be at least 18.6 mm.

Installation of the glazing

It will be done by means of aluminum glazing beads positioned in the profiles of the frame. The glazing will be maintained by EPDM gasket slipped into an appropriate groove in the glazing beads.

The glazing will be wedged in accordance with DTU 39.4, by a special seal placed in a groove of the upright and cross sections, with the use of wedges to hold the double glazing type BIVER 4/16/4 type glass with 2 STADIP faces.

Aesthetic constraints

In the bottom rail, the frame will act as a support, straightening the profile masses seen horizontally and and allowing a symmetrical appearance to be obtained at the perimeter of the structure.

On the outside, the frames and openings will be flush, ensuring perfect flatness of the joinery.

On the inside, the opening profiles will have a 45 ° cutaway to highlight the opening function.

The joint covers will be placed in alignment with the frame.
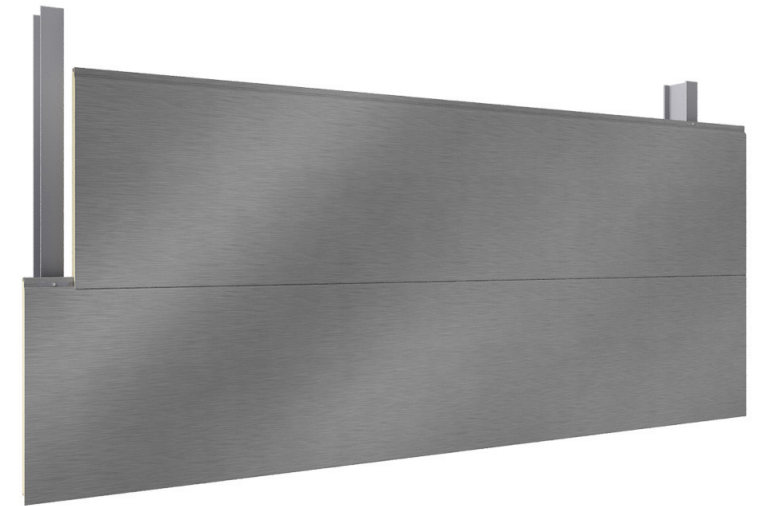
showroom
horizontal cladding

General facts

The facade must be cladded 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.

showroom
floor treatment

General facts

The slabs will all be laid in the same orientation with grain direction perpendicular to the main facade.

- Noname tiles by Novoceram, glazed, 9.5 mm thick.

- Color Dark grey C828 Elegance.

- Certification U4 P4 E3 C2 - R9.

- Foramt of 60 x 60 cm rectified.

- Seals of color equivalent to RAL 7016 grey.

- Installation by double gluing including casting of the joints.

Note

- Pay attention to the position of the ground sockets (vehicles and shaping table) when laying the tiling.

- The plinths will be in black lacquered aluminum (integrator set).

Colour

Implementation
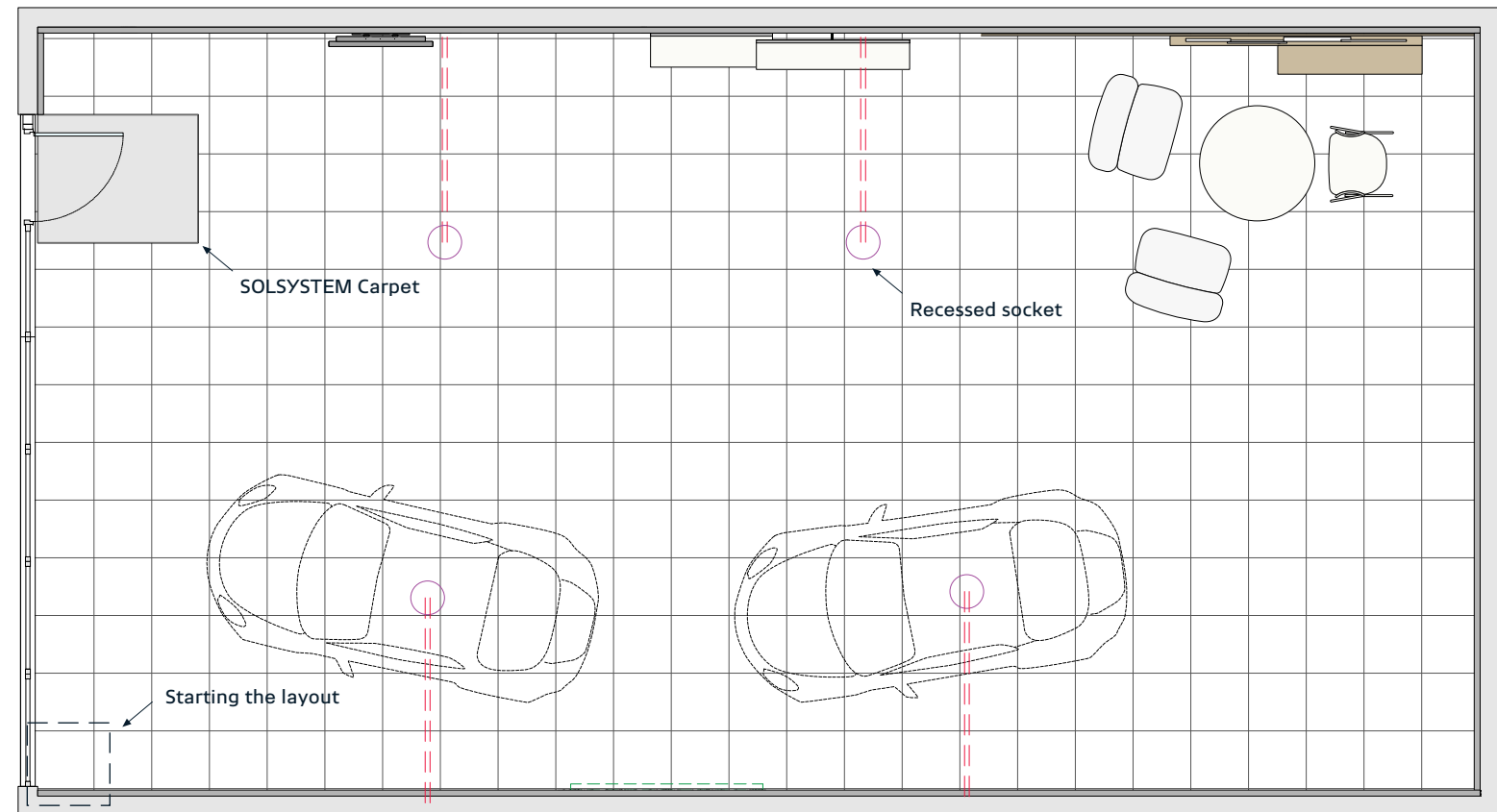
showroom
floor treatment

Standard floor plan

The starting point for the layout of the soil is in principle located:

- near the window,

- in the angle of the vehicle display.

SOLSYSTEM Carpet

Recessed socket

Starting the layout

showroom
wall painting

General facts

- Primer painting on BA 13.
- Intermediate sanding
- Finishing paint:

  - Matt acrylic 2-layer ceiling in black color
  - Matt acrylic 2-layer walls in LEVIS Sesame grey.

Intervention conditions

Painting works, coatings and similar preparations are only carried out on clean and dust-free substrates, meeting the requirements concerning them, of standard NF P 74.201.1.

They are never carried out in an atmosphere liable to give rise to condensation, nor on frozen or overheated substrates, nor, in general, under conditions which normally activate drying (wind, sun, etc.).

Prerequisites

Walls and partitions delivered with an impression layer suitable for receiving all subsequent finishes (paints, plasters, etc.).

Acrylic paints

Supply and implementation of a finishing paint on coated GS supports or plasterboards, including:

- Revision of the supports by puttying, sanding and dusting.
- 1 primer printing layer.
- 2 coats of acrylic paint in aqueous phase, applied by brush or roller, finish appearance depending on location.
- Finishing joints with acrylic mastic to be painted at the connections with structures of a different nature (joinery, baseboards, etc.).

Fire classification

- AFNOR classification: Family I class 4a.
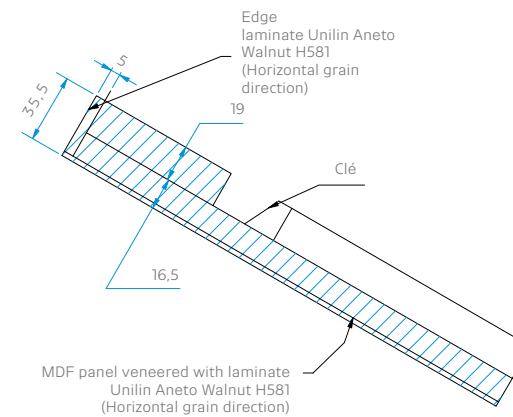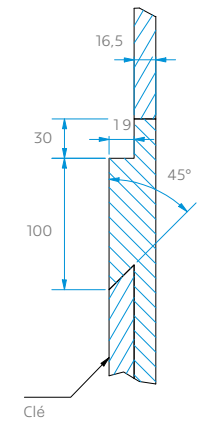- Fire classification on non-combustible support: M1.

showroom
wooden wall cladding

Description

MDF wall panels attached to the wall by assembly keys.

- Unilin Aneto Walnut H581 laminate veneer (Horizontal grain direction).

- Counterbalanced panels.

- 5 mm aluminum inserts glued in a groove with 2 mm projection.

- MDF recovery keys on the wall.

- Dimensions: 350 x 300 x 3.6 cm.

3500

670

1160

3090

1160

100

Plinth

1140   2360

3500

16,5

30   19

100   45°

Clé

Edge
laminate Unilin Aneto Walnut H581 (Horizontal grain direction)

5

35,5

19

Clé

16,5

MDF panel veneered with laminate Unilin Aneto Walnut H581 (Horizontal grain direction)
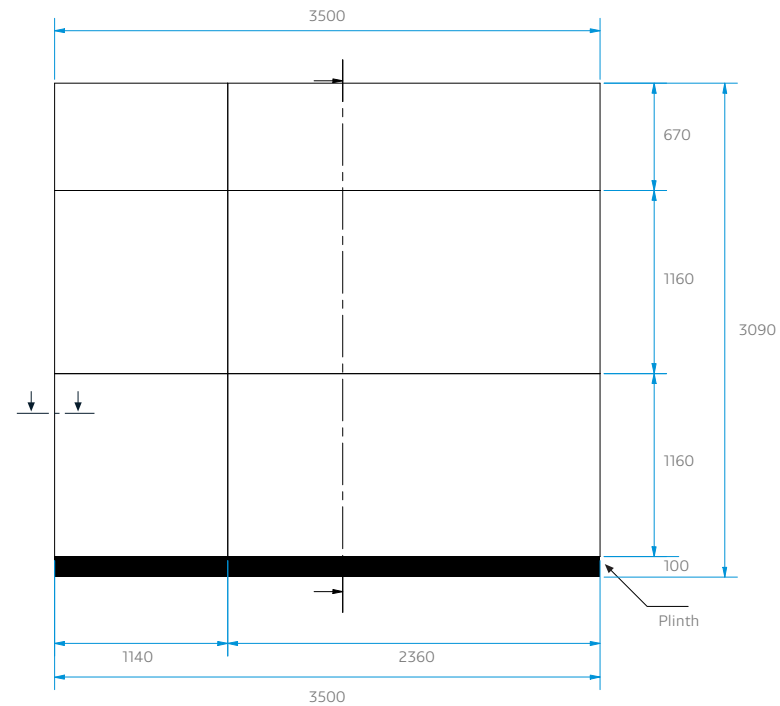
showroom
wooden wall cladding

Details of fixing of wood panels on the wall

Details of fixing the panels to the wall using wall keys taken from the rear face of the panels.
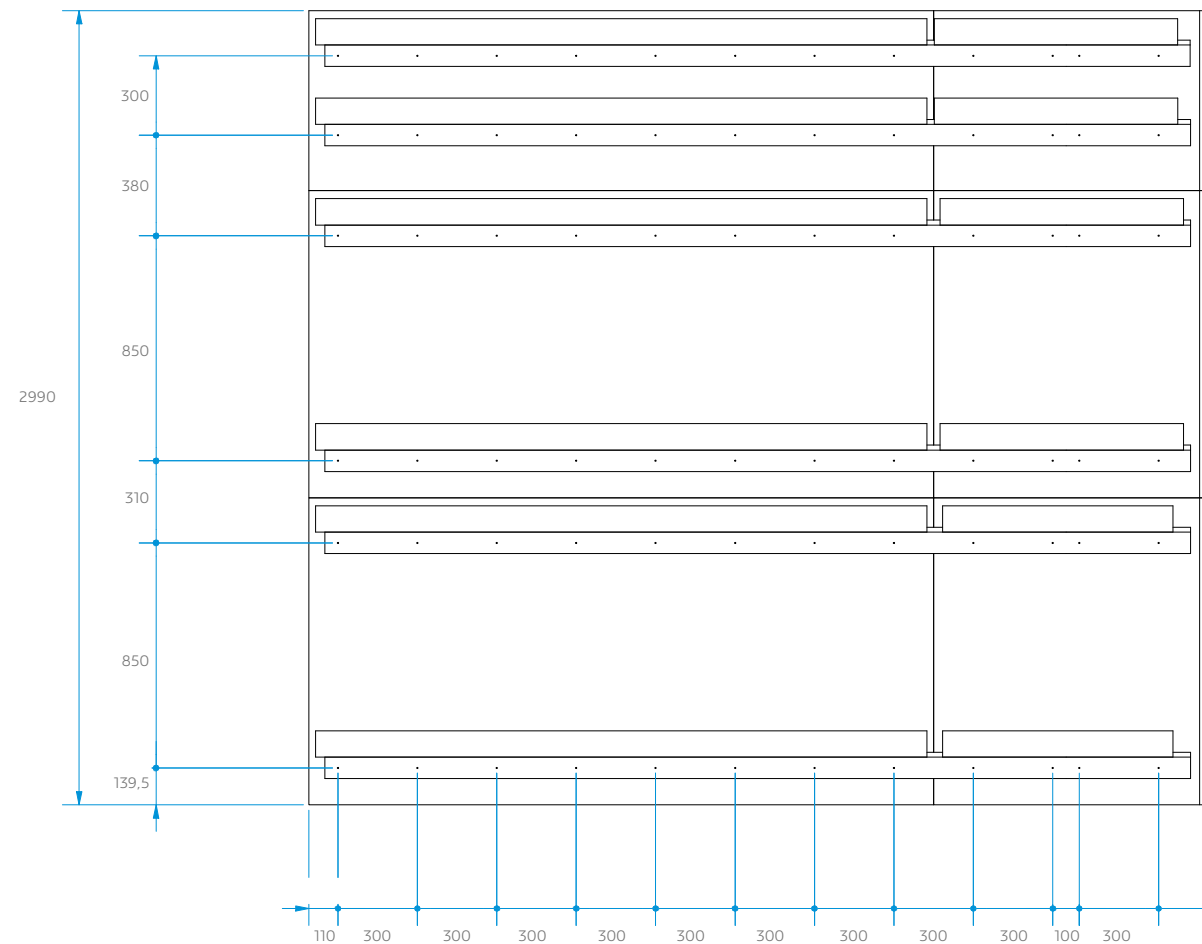
- MDF panels.

- Average weight of 28 kg / m^2.

showroom
electricity

General facts

- Electrical outlets.

- Electric passages and arrivals.

Electric passage

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

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.

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

Protection arrière du produit contre poussières.

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

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 (orientation tweeter et réglage gain)
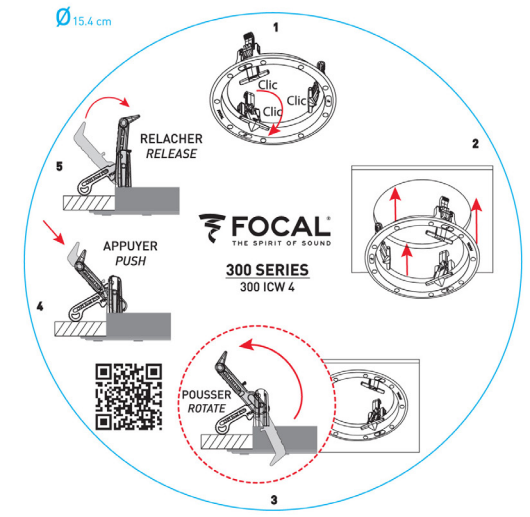
Technical specifications

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
Coupure 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 122 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

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FOCAL
THE SPIRIT OF SOUND

SPECIFICATIONS

Ø 15.4 cm

Clic Clic Clic

1

RELACHER
RELEASE

2

APPUYER
PUSH

FOCAL
THE SPIRIT OF SOUND

300 SERIES
300 ICW 4

5

4

POUSSER
ROTATE

3

IMPLEMENTATION

showroom
sound system

Standard lay-out
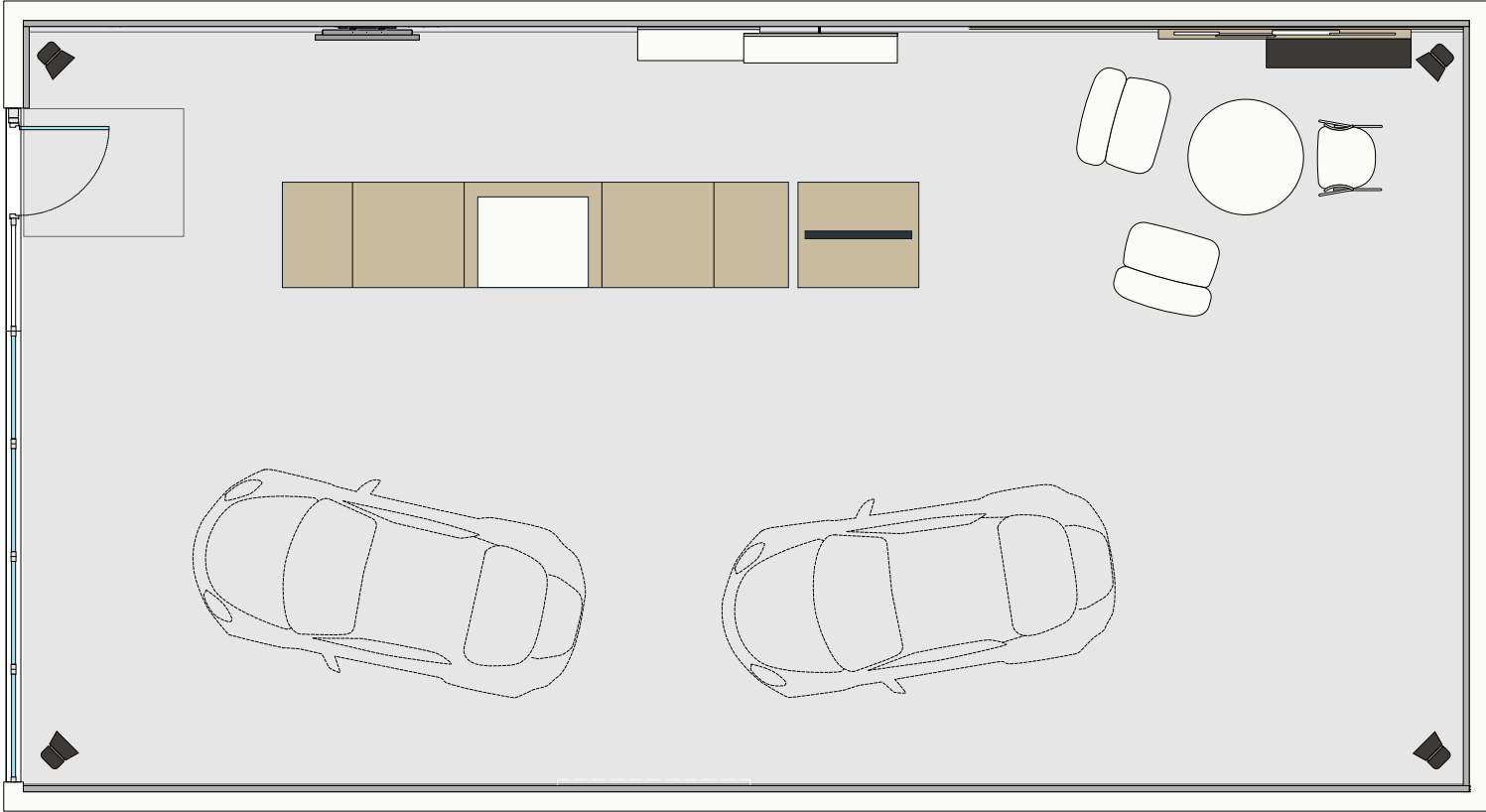
showroom
Samsung QM55-R TV set

General facts

A complete interactive display solution, the QMR-T series creates new ways to engage and create a differentiated customer experience.

- Colour   Matt black

- Installation height   180 cm

- Wall fixing   Vesa 200 x 200

- Wiring   Hidden in the wall

- Power supply   Hidden in the wall

- Resolution   3840 x 2160 (4K UHD)

- Brightness   500 nit

- Contrast   4000: 1

- Dimensions   1235.1 x 707.9 x 46.3 mm

- Weight   18.1 kg
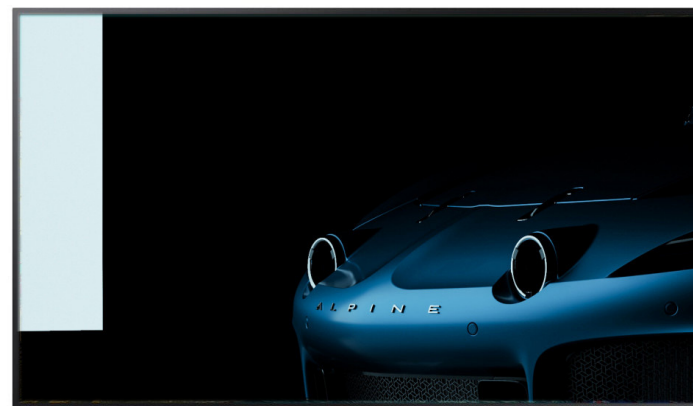
showroom
carrier partitions

General facts

- Primary framework of walls and ceiling placostil (or equivalent) in accordance with a load calculation adapted to each site

- Walls and Ceilings BA13 or equivalent

- Treatment of band seals + coated

- Tape take-over and non-ironed ceiling finish

- Tape backing and iron-coated finish for the walls.

Implementation

Installation according to the manufacturer's regulations, including accessories, soles, ribbons, rails, etc ... sealing, cutting, finishing, fire classification. The entire complex will rise to a height of 4 m.

Partitions forming any angle between them:

The assembly will be carried out according to the manufacturer's specifications and will be carried out in accordance with these instructions.

Pipelines:

The uprights of the framing are provided with lights for the passage of the electrical and computer conduits.

Loads :

For loads above 30 Kg, vertical reinforcements will be incorporated during the implementation. In particular, the manufacturer must ensure that the expenses related to:

- ceiling lights,

- vertical wall panels,

- signs.

Local flatness:

A rule of 0.20 m applied to the surface of the structure must not show between the most prominent point and the most recessed point a deviation of more than 1 mm, no shortage, no sharp change of plane Between plates.

General flatness:

A rule of 2ml applied to the surface of the work and circulating in all directions shall not cause a difference of more than 5 mm between the most protruding point and the most recessed point.

Verticality:

The vertical clearance must be less than 5 mm over a height of 4 m.

Finishing:

The DTU 59.1 Painting work defined 4 finish states. Careful matt, satin or gloss finish is required.

Dilation:

The Contractor of this lot will be solely responsible forerrors and consequences resulting from the normal expansion of these works. To this end, it will compensate by the termination of expansion joints with surface treatment.

showroom
carrier partitions

Standard lay-out
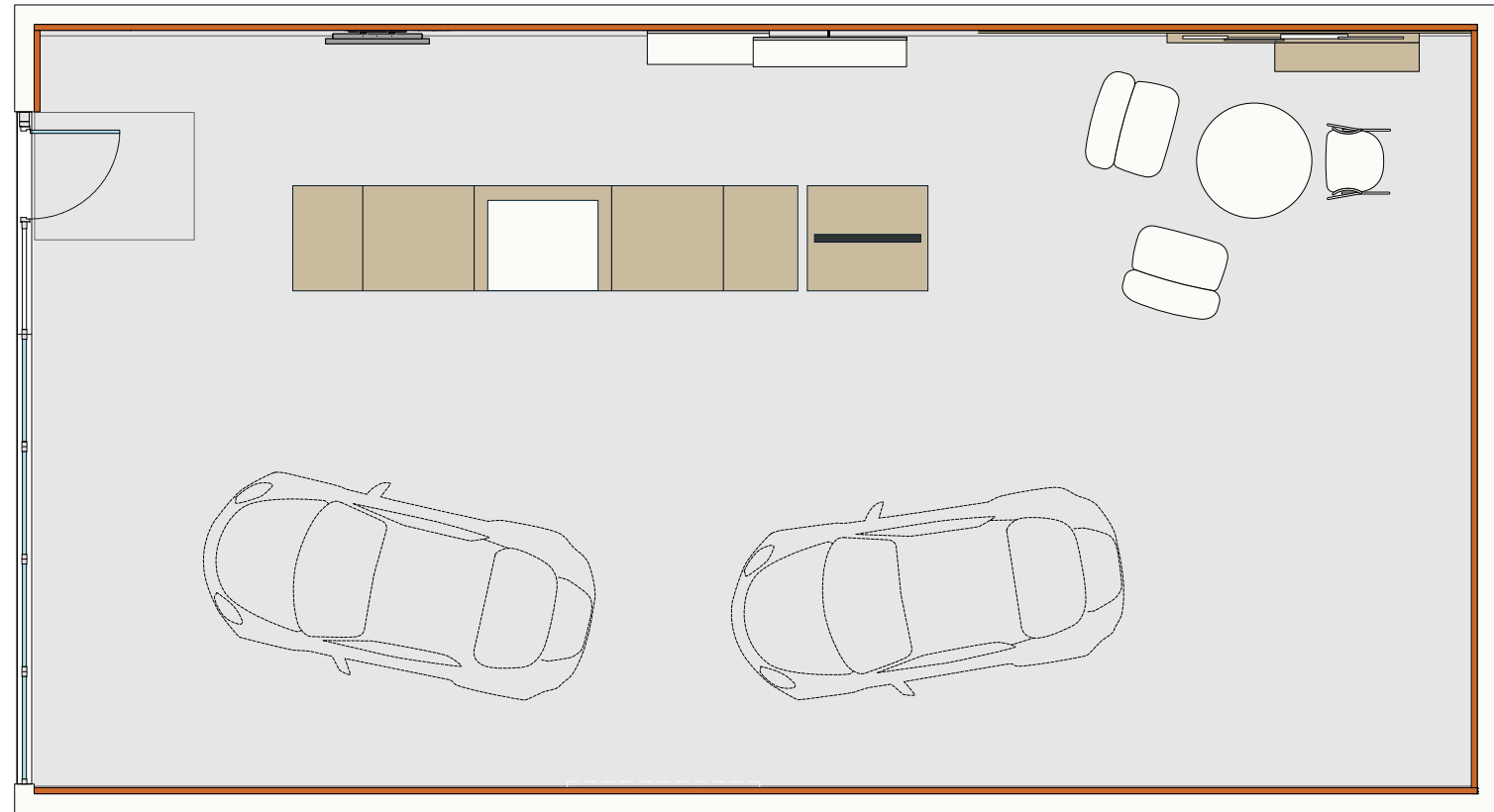
BA13 Partitions

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

lm	lm/w	IP		G
3 990	105	20	30.000h	3 ans

		IRC		C
100-240 V/AC	100°	80	via rail	CE-RoHS

lm	lm/w	IP		G
1 350 et 2700	67,5	20	30.000h	3 ans

		IRC		C
220-240 V/AC	36°	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 rectangle	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

204mm   107mm   230mm   185mm   95mm

72   40   163   169   Ø90   128

KOKKA 20810132

KOKKA 21360022 - 21360023

APPLICATIONS	CARACTÉRISTIQUES	CERTIFICATIONS
■ Luminaire	■ Dimmable 230V sur demande	■ CE
■ Éclairage tertiaire	■ Grand respect des couleurs IRC > 90	■ RoHS
■ Agencement & mobilier	■ Garantie 3 ans	

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 / m2
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

| 12007B / 12008N | 12009B / 12010N | 12011B / 12012N | 12013B / 12014N |

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

| 12017B / 12018N | 12019B / 12020N | 12021B / 12022N | 12023B / 12024N |
| 12025B / 12026N | 12027B / 12028N | 12029B / 12030N | 12015B / 12016N |

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
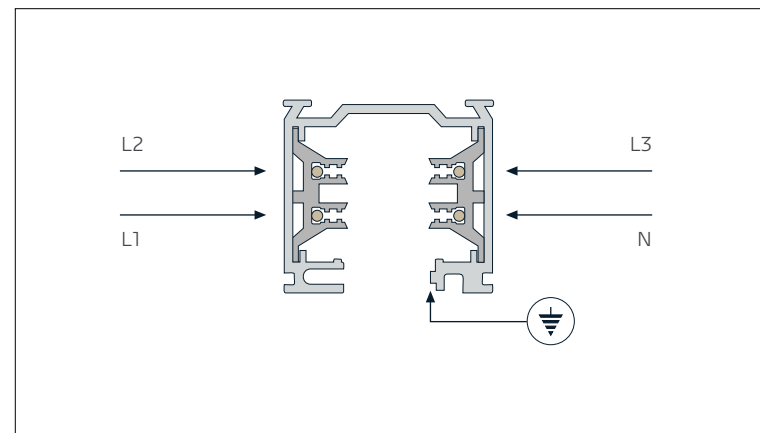independently of each other.

- Protection   16A line circuit breaker

- Maximum power   3500W of LED projectors
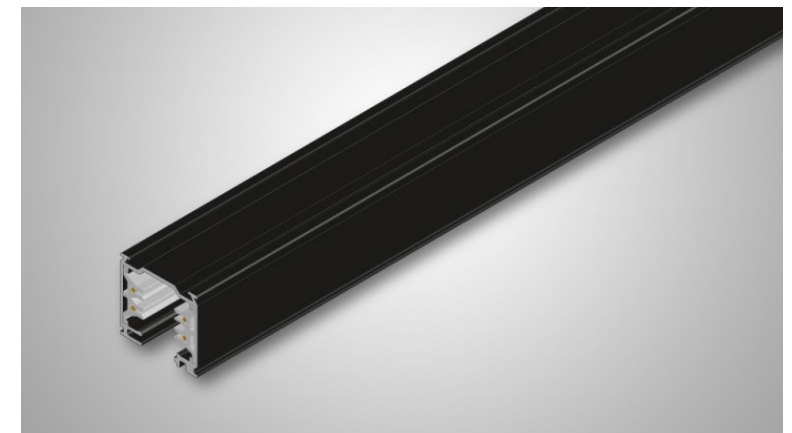   supported by lines

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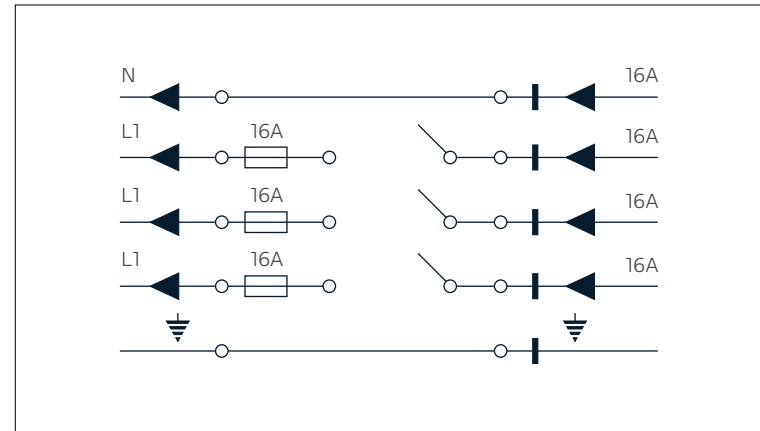
Power supply principle diagram

Wiring in rail

Suspension rail

showroom
heating and air conditioning

General facts

- Heating and ventilation systems.

Brief description of facilities

The work to be carried out shall include the supply, installation, execution, commissioning, testing and adjustment in accordance with good engineering practice, all works and various general and technical or special plans for heating and the ventilation of the enclosure to be treated.

Type of services expected

The following services are included:

- The provision of calculation notes with thermal balance,

- The establishment and provision of implementation plans,

- The realization of all thermal equipment (Heating and cooling) of the buildings concerned,

- The realization of all ventilation equipment,

- Electrical connections of supplied and installed appliances,

- Piercing and filling in the different walls

- The indication of needs to other state bodies.

Elements to take into account

The company will coordinate all the network equipment to be installed and will take into account in particular the following elements:

- Air-conditioning networks,

- Hydraulic networks,

- False ceilings,

- Beams and structural elements,

- Path of cables,

- Lighting,

- Diffusers and ventilation grilles.

showroom
safery compliance

General facts

• General Standards "ERP Category 5"

The services must correspond to the Prescriptions of official documents in force: laws, decrees, standards, and in particular defined by:

Electrical installation

• Decree No. 88-1056 of 14 November 1988 (protection of workers) and implementing decrees;

• Building and Housing Code (Article R 123-43) and the Security Regulations for Establishments Receiving Public (Order of 25 June 1980 - Art. GE9).

Heating and ventilation installation

• Safety regulations in the LES:

A.M. of 23/03/1965 (Articles CH62 and GZ30)
A.M. of 25/06/1980 (articles CH58 and GZ30)
A.M. of 22/06/1990 (Article PE4).

Automatic doors

• Article R232.1.2 of the Labor Code
• A.M. of 21/12/1993 relating to automatic doors.

Fire safety

• Order of 25/06/1980: general provisions

• Order of 22/12/1981: special provisions Applicable to different types of establishments

• Decree of 22/06/1990: establishments of 5th category.

Accessibility

• The handicap law n °'A1 2005-102 of 11 February 2005 and Its implementing texts.

6
IT material

S

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 (or equivalent)

- 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

General view

- Equipment of the digital area.
- Equipment of the Alpine Advisor's office.

55 "wall screen
Player
Ultrabook remote display (Miracast)

MFP scan printer

Miracast

Digital area
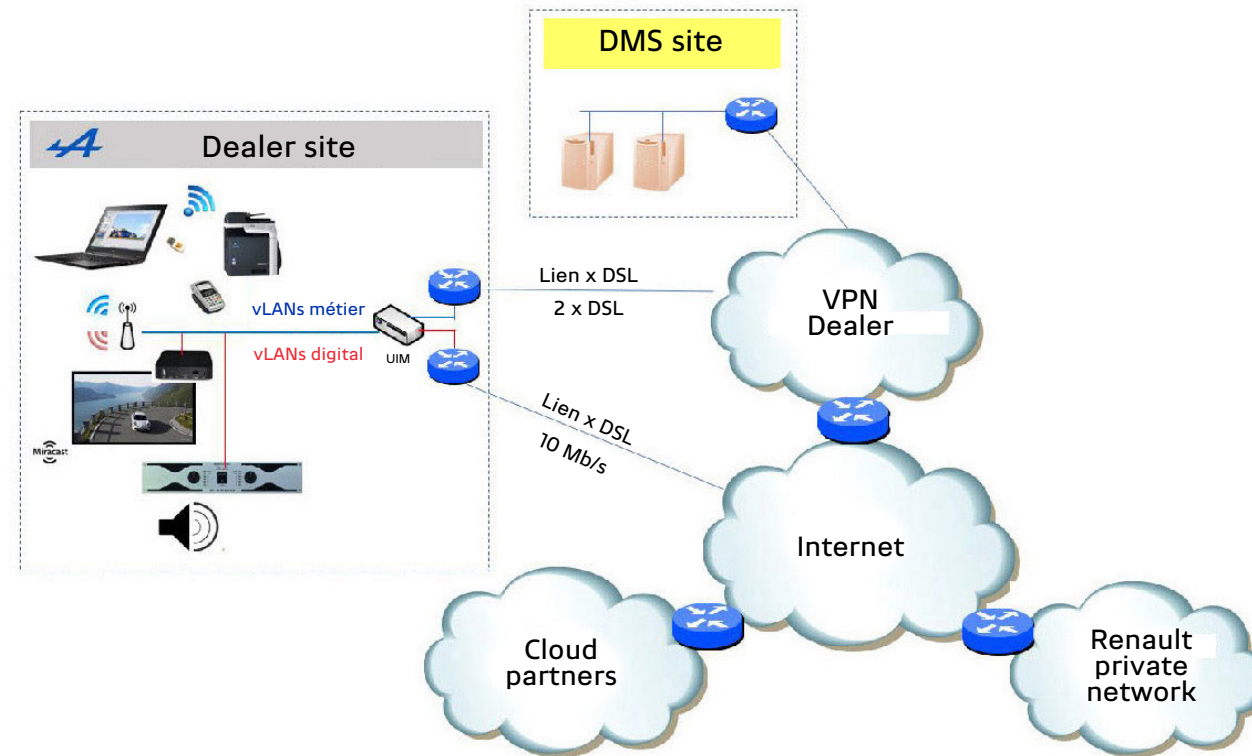
Alpine Advisor's office

Ultrabook

showroom
IT material

Dealer IP network

Access to internet and VPN resources via UTM

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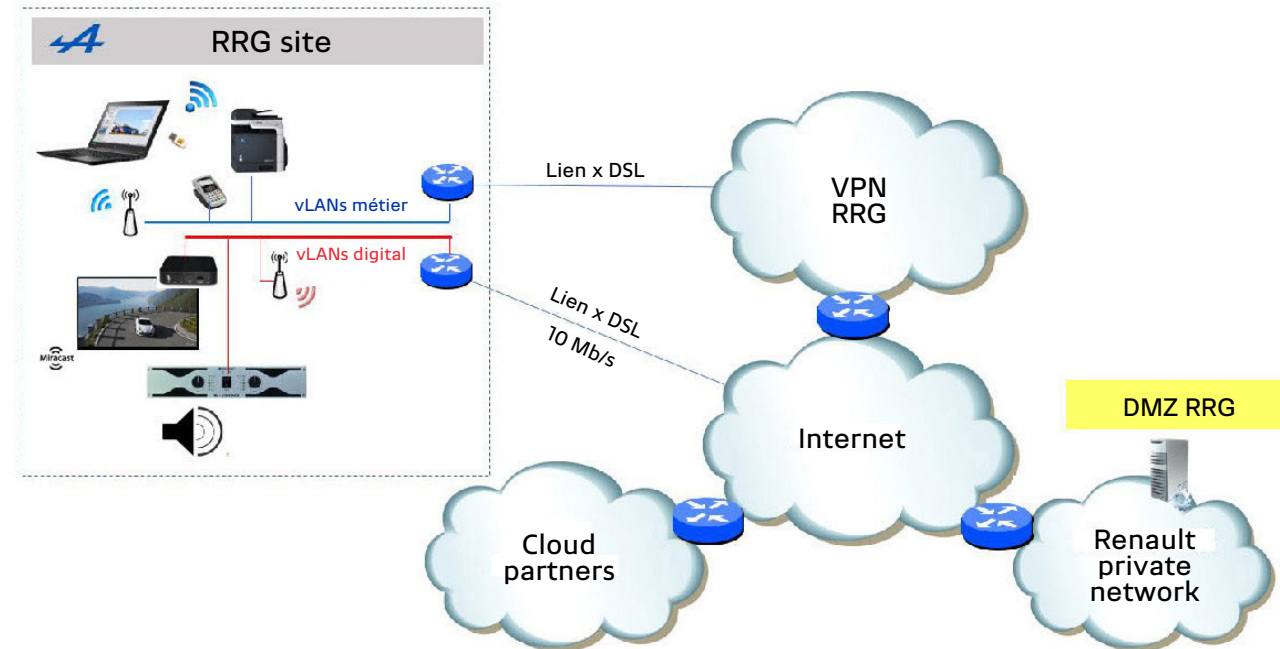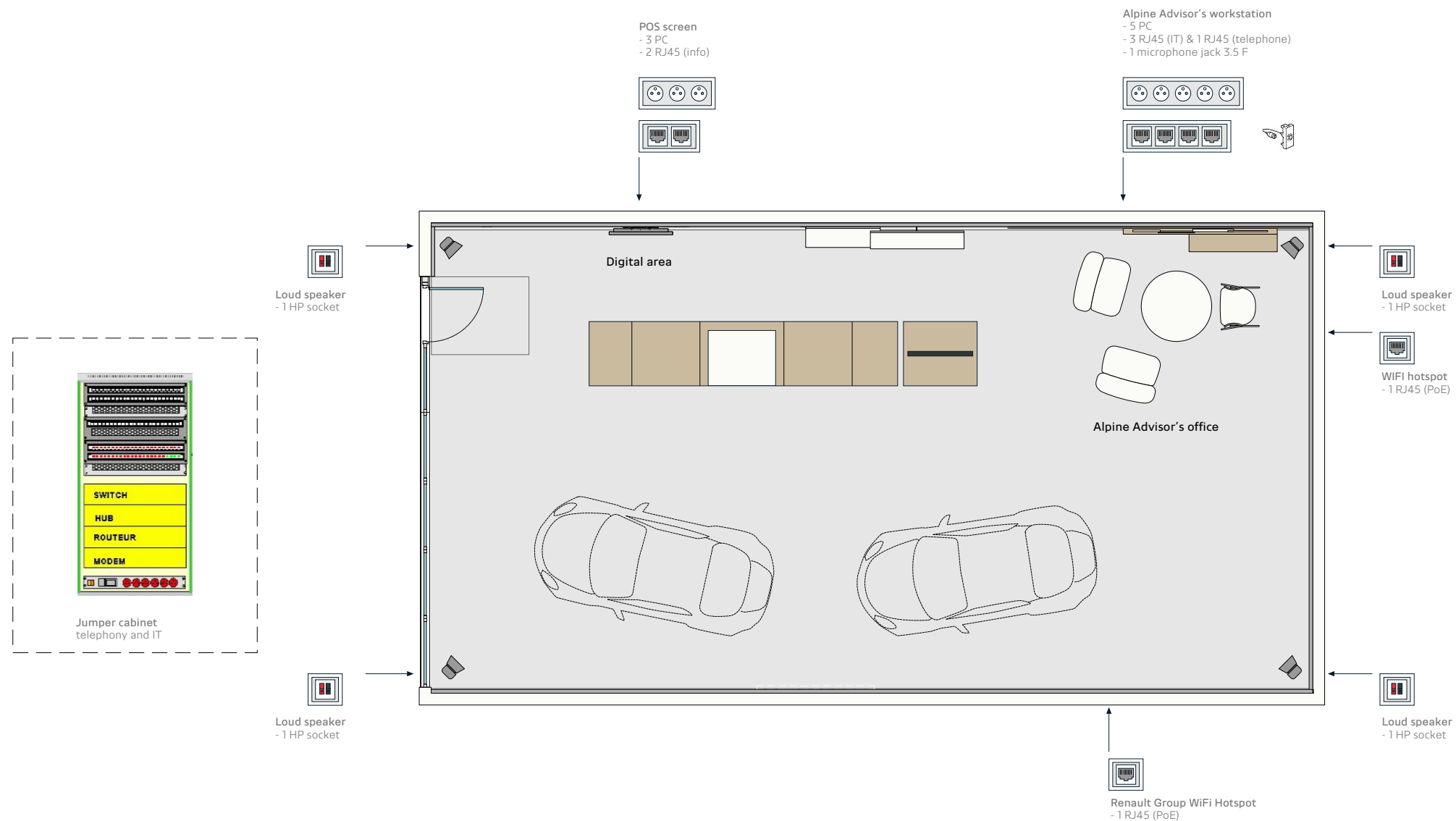
MFP Scan printer

UltraBook

DMS site

Dealer site

vLANs métier

vLANs digital   UIM

Miracast

Lien x DSL
2 x DSL

VPN Dealer

Lien x DSL
10 Mb/s

Internet

Cloud partners

Renault private network

showroom

IT material

Réseau IP Renault Group

WAN communication:

Access to digital internet resources separate from Renault Group VPN

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

MFP Scan printer

UltraBook

RRG site

vLANs métier

vLANs digital

Miracast

Lien x DSL

Lien x DSL
10 Mb/s

VPN RRG

Internet

DMZ RRG

Cloud partners

Renault private network

showroom
IT material

Positioning of the sockets

- RJ45 sockets,

- 220 v PC sockets,

- Audio jack,

- Speaker sockets.

POS screen
- 3 PC
- 2 RJ45 (info)

Alpine Advisor's workstation
- 5 PC
- 3 RJ45 (IT) & 1 RJ45 (telephone)
- 1 microphone jack 3.5 F

Jumper cabinet
telephony and IT

SWITCH
HUB
ROUTEUR
MODEM

Digital area

Loud speaker
- 1 HP socket

Alpine Advisor's office

Loud speaker
- 1 HP socket

WIFI hotspot
- 1 RJ45 (PoE)

Loud speaker
- 1 HP socket

Loud speaker
- 1 HP socket

Renault Group WiFi Hotspot
- 1 RJ45 (PoE)

showroom
IT material

Alpine Advisor'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

Alpine Advisor's workstation

Operating system and software components

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

- O.S: Windows 10 Pro x64

- Minimum processor:
  Core i5 / m7 - Ram: 8 GB - SSD drive: 256 GB

- Gemalto / Safenet and PKI Renault components for TokenRenault net use

- Antivirus: Windows Defender recommended

- JAVA JRE 1.8_131

- Microsoft DotNet3.5 for the workstation application

- Internet Explorer 11 enterprise mode and IE settings for Renault net and DMS access (France)

- USB connector for TokenRenault net

showroom
IT material

Alpine Advisor'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

Alpine Advisor'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

Alpine Advisor'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)

Routeurs
UTM
Switch / Digital
Ampli Audio

Managed switch

Monitoring cabinet

Business VLAN

**Ethernet cat. 6
to monitoring cabinet**

Miracast

Ultrabook

MFP printer

TPE

Showroom - Alpine Advisor's office
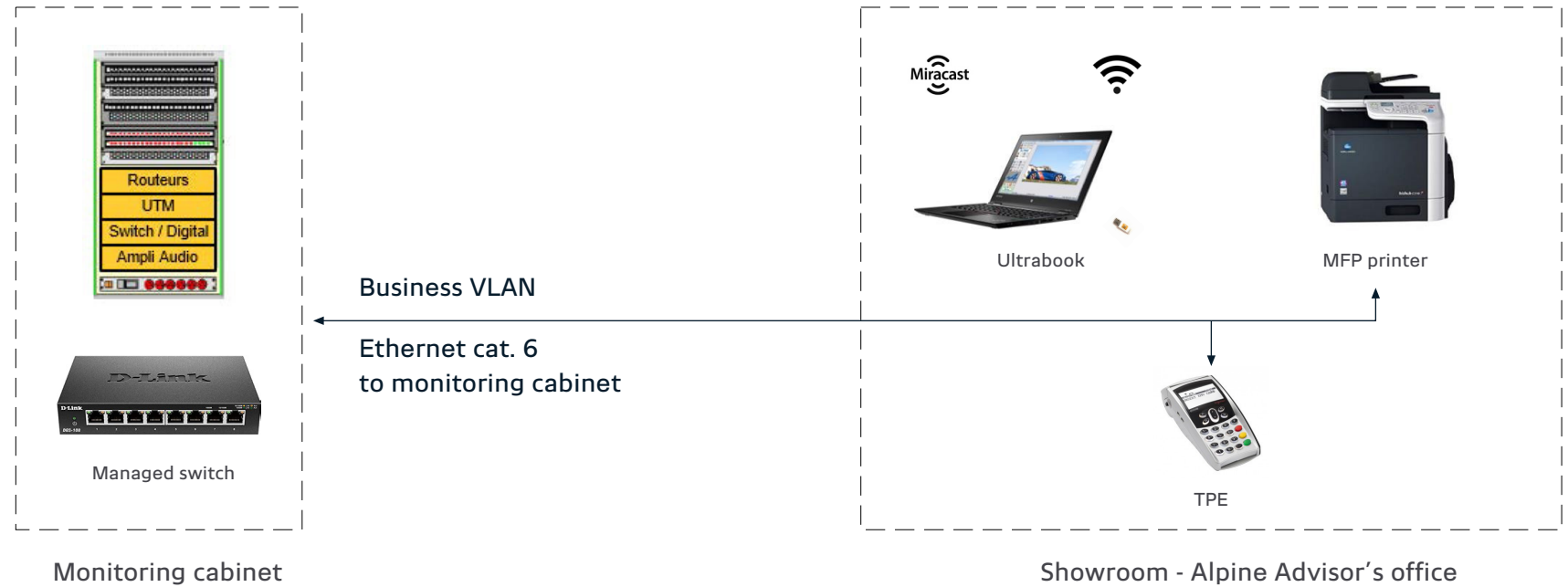
showroom
IT material

Digital showroom

DIGITAL SCREEN EQUIPMENT:

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

- Lan Digital connected POS player.

Routeurs
UTM
Switch / Digital
Ampli Audio

Managed switch

VLAN 20 (Digital)

Ethernet cat. 6
to monitoring cabinet

Monitoring cabinet

Player

HDMI

Miracast   Miracast

55 "screen   Ultrabook

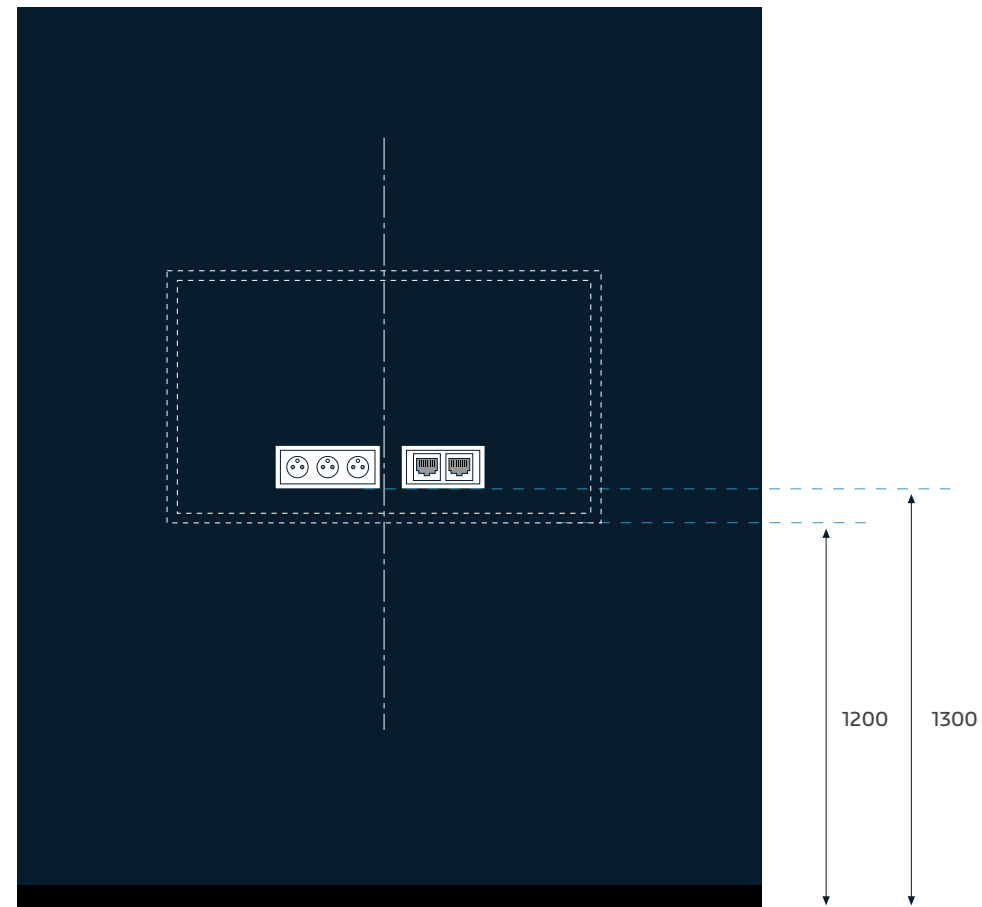**Showroom - Alpine Advisor's office**
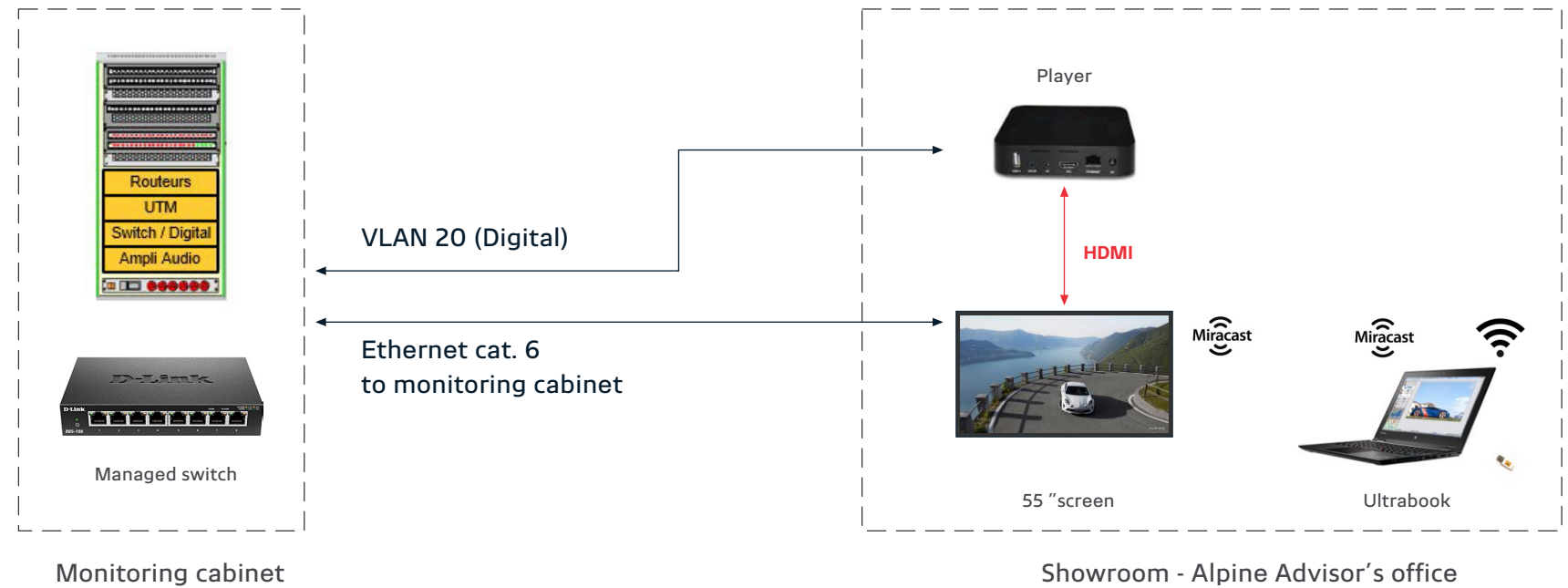
showroom
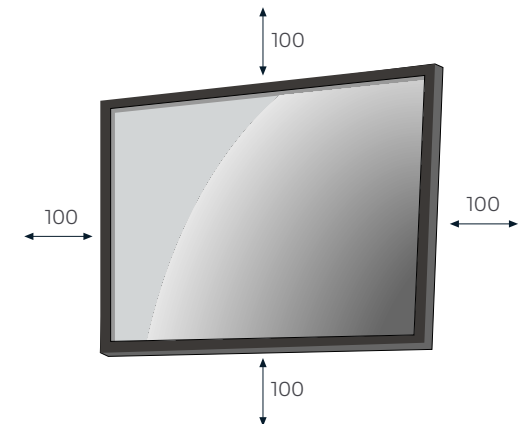## IT material

Digital showroom

DIGITAL SCREEN EQUIPMENT

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

Layout of screen sockets

1200   1300

Wall distances

100

100   100

100

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) + TCP (8251) to @ ip31.12.66.143, 31.12.66.144, 31.12.69.143, 31.12.69.144

Routeurs
UTM
Switch / Digital
Ampli Audio

Micro wiring +/-

Loudspeaker wiring +/-

Audio amplifier

Monitoring cabinet

Micro Receiver

Loud Speakers
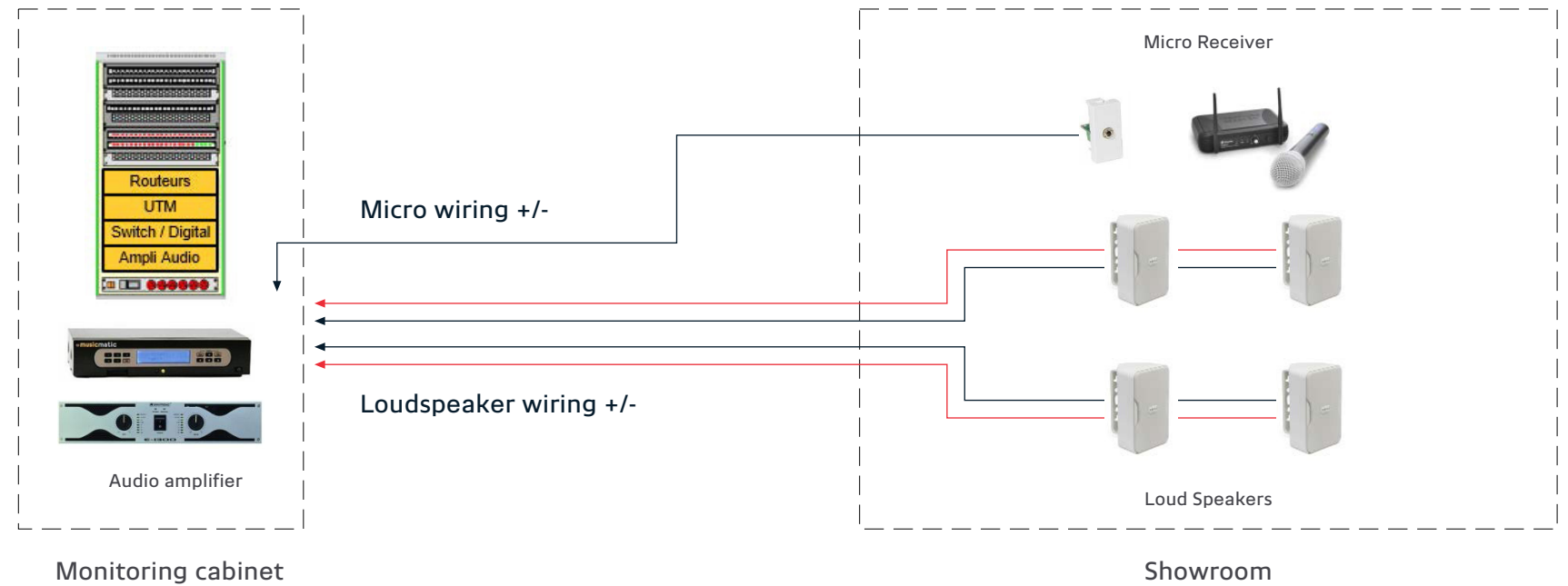
Showroom

showroom
IT material

WiFi Dealer Network

WLAN COMMUNICATION

- Multi-SSID Wifi terminal (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).

Business VLAN (Digital)

Ethernet cat. 6
to monitoring cabinet

Managed switch

Alpine Advisor's hotspot

Alpine hotspot

Multi-SSID WiFi terminal

Monitoring cabinet
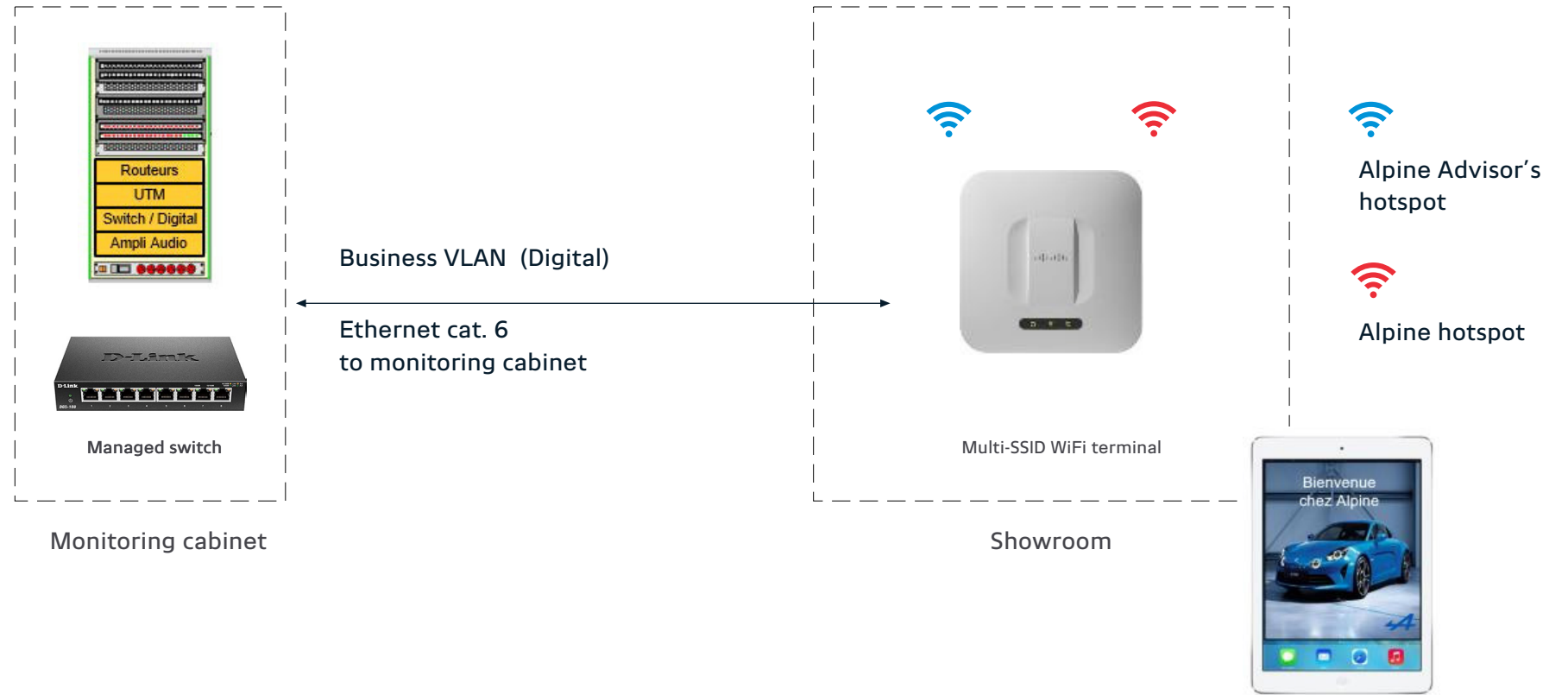
Showroom

showroom
IT material

WiFi Dealer 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 Dealer Network

WIFI recommendations

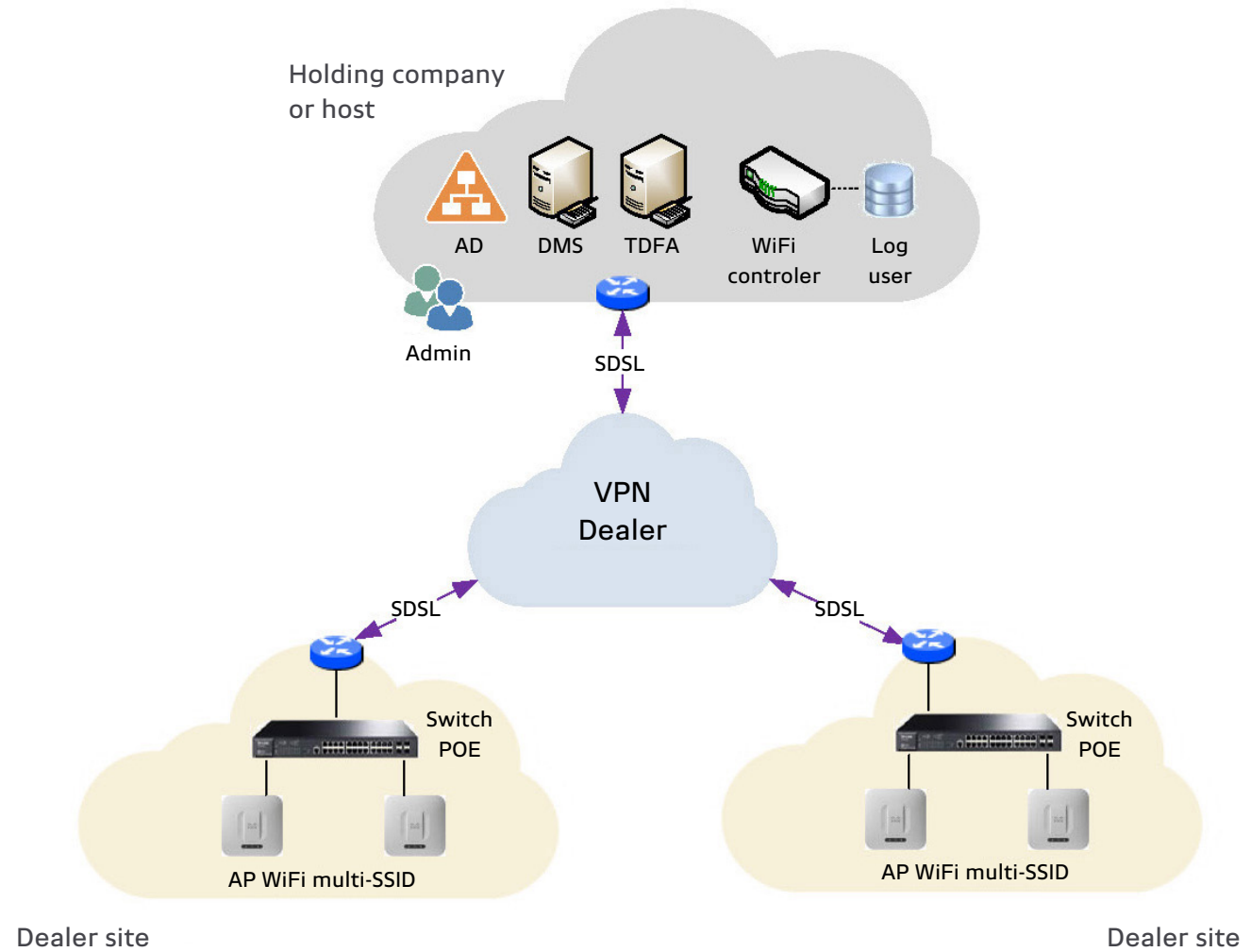| Items	Main recommendations	Secondary Recommendations	Prohibitions
Wiring category	Cat.6 with 4 wired pairs	Minimum Cat. 5 with 4 wired pairs	- Cat. 5
Monitoring type	Direct link to a manageable switch in a computer rack	Direct link to switch in bay computer	- Cat. 5
Power supply	POE if lenght <100m	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 Dealer Network

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

Holding company or host

AD DMS TDFA WiFi controler Log user

Admin

SDSL

VPN Dealer

SDSL SDSL

Switch POE

AP WiFi multi-SSID

Dealer site
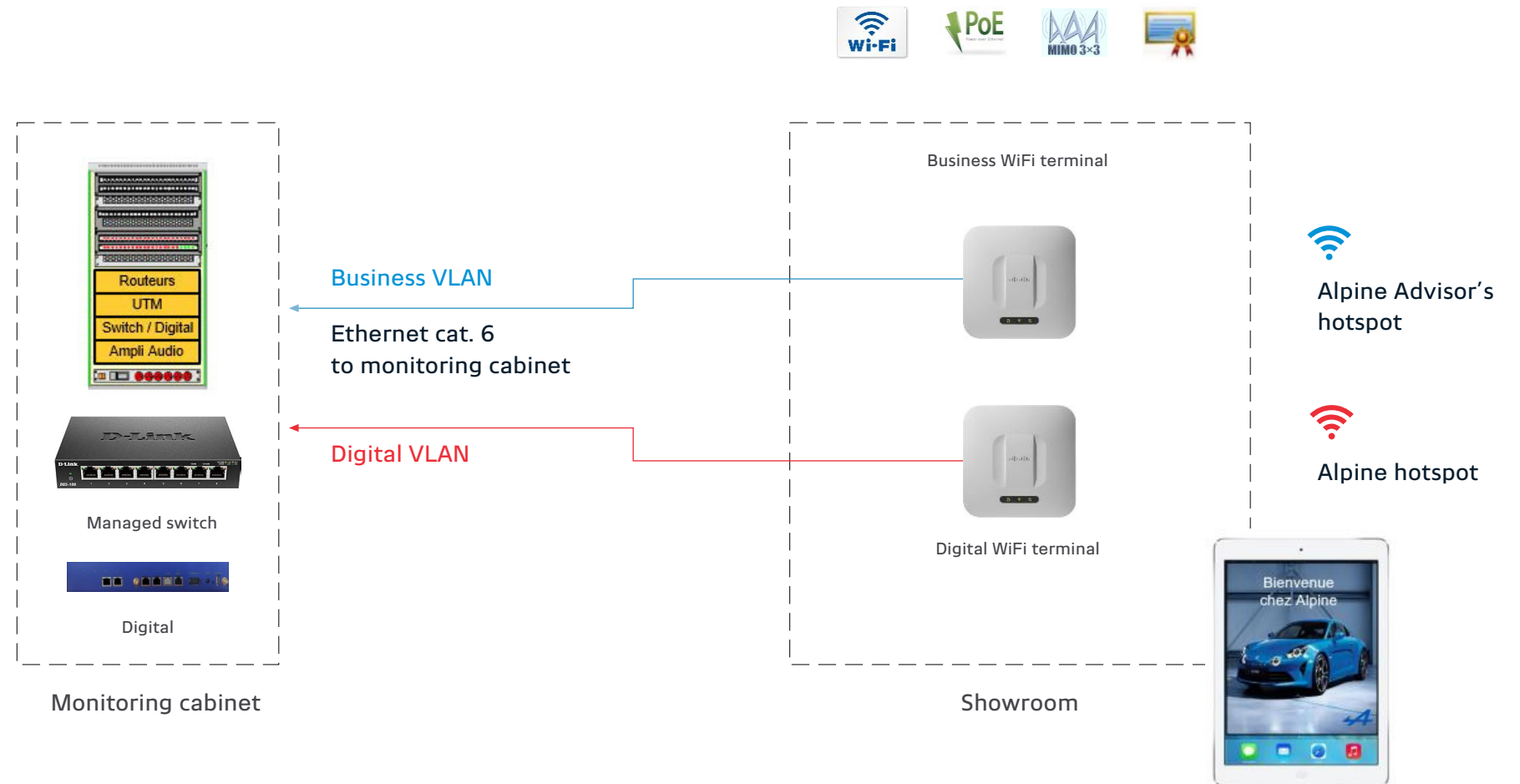
Switch POE

AP WiFi multi-SSID

Dealer site

showroom
IT material

Renault Group WiFi network
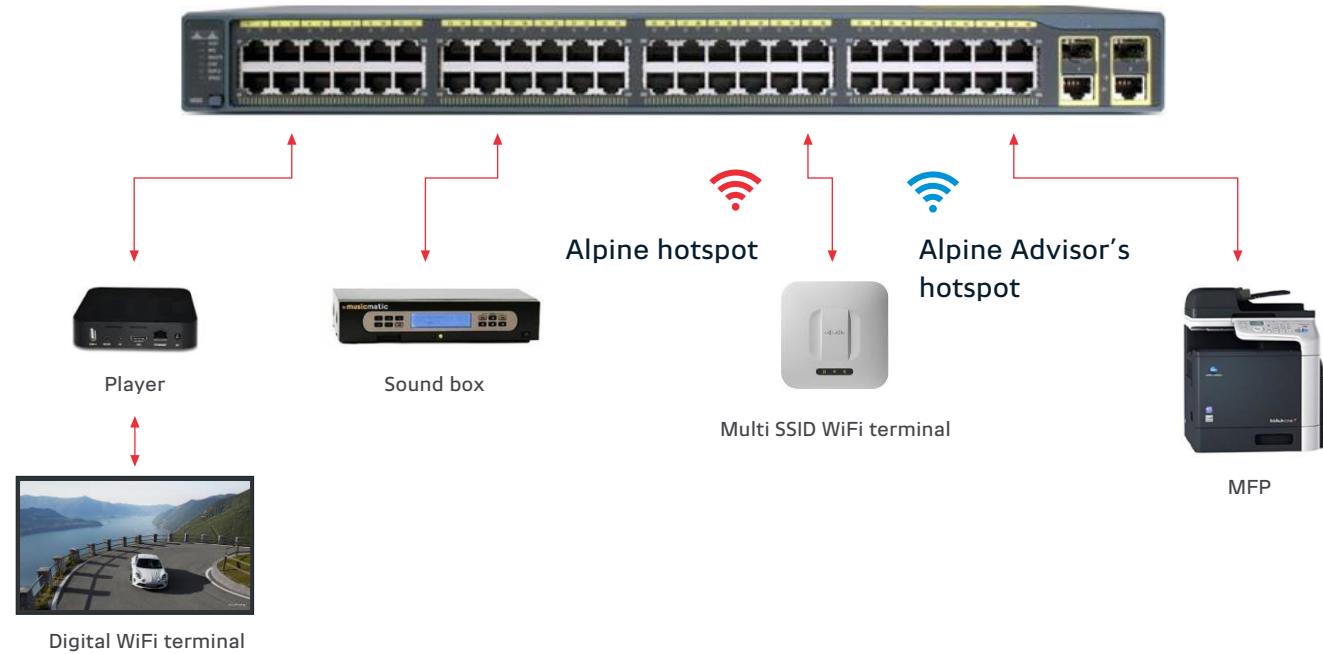
WAN communication:

- 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).

Routeurs
UTM
Switch / Digital
Ampli Audio

Business VLAN

Ethernet cat. 6
to monitoring cabinet

Digital VLAN

Managed switch

Digital

Monitoring cabinet

Business WiFi terminal

Digital WiFi terminal

Showroom

Alpine Advisor's hotspot

Alpine hotspot

Bienvenue chez Alpine

showroom
IT material

Name vLans / wLansDigital Dealers

Player

Sound box

Alpine hotspot

Alpine Advisor's hotspot

Multi SSID WiFi terminal

MFP

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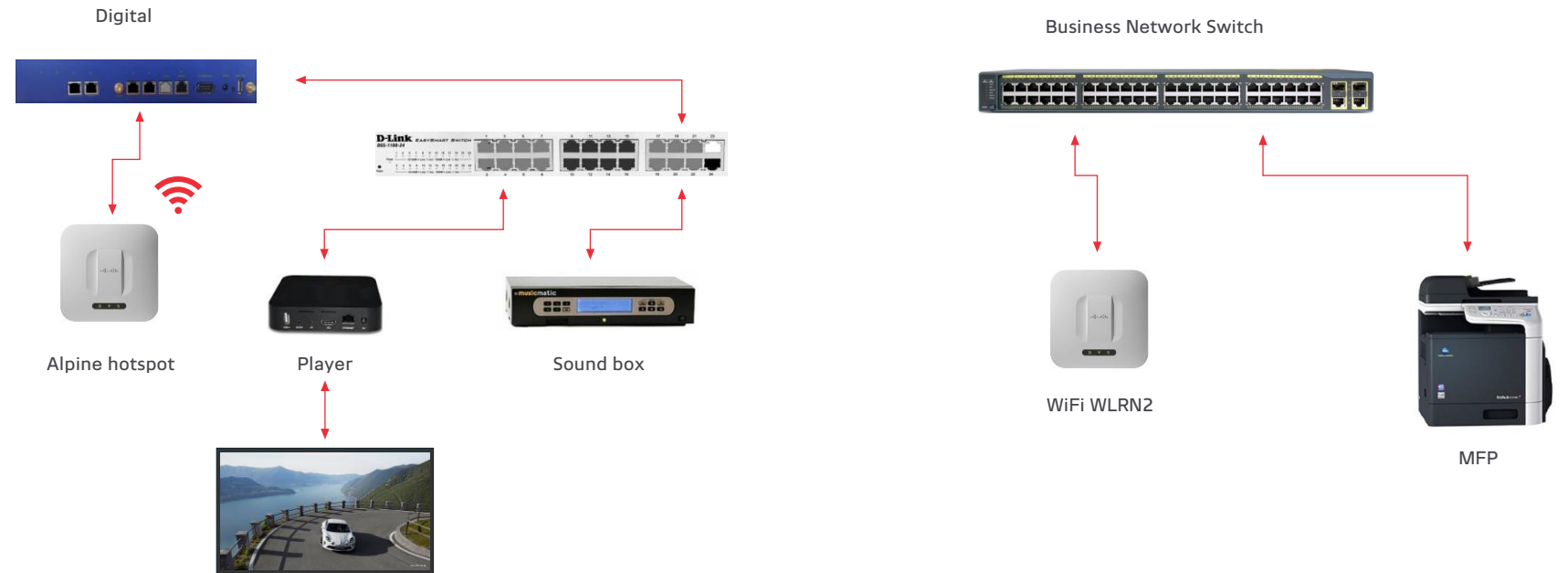
WLAN 3 / Alpine hotspot	192.168.30.1 to 192.168.30.100	DHCP
Business WLAN/Alpine Advisor	@iP SubnetMétier	DHCP
VLAN 20 POS Player	192.168.20.200 to 192.168.20.253	FIXED DHCP
VLAN 50 Sound	192.168.50.200 to 192.168.50.253 192.168.50.1 to 192.168.50.100	FIXED DHCP

showroom
IT material

Name vLans / wLansDigital Renault Group

Digital

Business Network Switch

Alpine hotspot   Player   Sound box

WiFi WLRN2

MFP

MFP

📶	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