



MOBILIZE SIGNAGE SPECIFICATIONS

MAY 2025

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01

GENERAL REQUIREMENTS

GENERAL REQUIREMENTS

1.1 PREAMBLE

MOBILIZE expects all those involved in the "Mobilize signage" program to meet their obligations in terms of results as per the requirements of the Technical Specifications. The general rules and specificities set out below are to be considered as the minimum necessary that has to be done to achieve the expected result.

1.2 SAFETY OF PERSONS AND PROPERTY

The supplier shall be able to provide proof that it has analysed the risks related to the services it is to provide and that its personnel and any sub-contractors have undergone sufficient training. Strict compliance with legislation in terms of safety and protection of workers is required.

1.3 RESPECT FOR THE ENVIRONMENT

Materials and methods which make it possible to reduce harm to the environment shall be used wherever possible (recyclable materials, energy-saving technologies, toxicity of materials and products used, etc.).

The supplier shall be able to provide proof that it has the various administrative permits (operating permit, environmental permit) necessary to manufacture the various items of equipment and that it complies with the operating conditions required by the legislation in force or by the specific operating conditions in the countries concerned.

A global approach such as the ISO 14001 standard is recommended.

1.4 QUALITY

The supplier shall be able to provide proof that it works in accordance with ISO 9000 quality assurance standards, formal certification being particularly recommended in this regard. The signmaker shall attach a

specific Quality Plan to its offer to assure MOBILIZE of its capacity to supply finished products and spare parts that are compliant with the contractual requirements, within the set time periods. It shall request its sub-contractors to do likewise.

The procedures applied must make it possible to:

- Be sure that the parts and products purchased, manufactured and supplied shall neither be used nor delivered before they have been checked and be recognized as compliant.
- Procedures shall be set out for identifying causes of non-compliance, which make it possible to provide sustainable solutions that can be applied more widely to resolve the non-compliance and prevent it reoccurring.

These operations shall be recorded in the appropriate documents and be approved by MOBILIZE prior to being applied more widely.

- Track changes in the quality of products and assembly and removal services using inspection and audit indicators (incidents, complaints, etc.).

This tracking shall result in preventive or corrective actions; they shall be approved by MOBILIZE before being applied.

1.5 COMPLIANCE OF MESSAGES AND COLOURS

Visuals must comply with the official images contained in this document.

All shades have a 40% satin finish unless specified otherwise. Particular attention should be paid to complying with the colour code.

Compliance with the tolerances for the L.a.b. is required.

GENERAL REQUIREMENTS

2.1.1 STANDARDS

The reference base to be followed for design and manufacturing shall, at the very least, be that required by Eurocode standards.

The regulations relating to the dimensioning of structures in force in each of the countries concerned shall be complied with taking climatic conditions into account.

The following obligations in terms of results must be met:

- Supported under their own weight, the equipment must appear perfectly horizontal and vertical.
- The parallel alignment of separate elements must be observed.
- Under normal wind conditions (Cf. NV65 and NF EN1991-1-4 (Eurocode 1), the permissible bend between the fastening and the point most distant from the fastening (dimension "d") shall not exceed d/100.

2.1.2 CLIMATIC CONDITIONS

Wind loads to be considered for the design of structures shall be taken from the Eurocode 1 rules (EN 1991-1-3): zones 4 (28 m/s), roughness IIIb, force coefficient equal to 1.80. Any structure situated in an unfavorable geographical area with regard to this load case shall be subject to a special design basis in order to meet the applicable standards.

2.1.3 DESIGN RULES

2.1.3.1 ALUMINIUM STRUCTURES

Design rules for aluminium structures - most recent edition of DTU rules (currently, September 1976).

Applicable standard for the execution of structures: NF EN 1090-2 and Eurocode 9.

2.1.3.2 STEEL STRUCTURES

Design rules for steel structures CM 66 » - most recent edition.

Applicable standard for the execution of structures: EN 1093 and Eurocode 3.

2.1.3.3 CONCRETE BLOCKS

Concrete blocks shall be of "weight" type with minimum reinforcement.

The concrete to be used shall have an ordinary Portland cement (OPC) content of 400 kg/m³ (s'28=300 bars - s28=25 bars).

2.1.3.4 DESIGN CALCULATIONS FOR PLASTIC ELEMENTS

Adapt the CM 66 rules using a safety coefficient of 2 for the stresses.

2.1.4 MATERIALS

2.1.4.1 General remarks

The materials used shall all be first-choice materials suitable for their envisaged use and they shall be used in accordance with the rules of best industry practice for the profession and in compliance with the standards and regulations in force in France and in the Countries in which they are intended to be used.

The materials used shall not have any defect that is likely to compromise the durability of the structures. The equipment shall be easy to clean, maintain and service.

The materials shall be capable of withstanding harsh climatic conditions such as rain, snow, hail, condensation, dust and salt spray.

Operation must be guaranteed between - 20 and + 80 ° C.

GENERAL
REQUIREMENTS

2.1.4.2 STEELS

Steels shall be either "hot finished" as per NF EN 10210 or "cold finished" as per NF EN 10219-1 and 2. The quality of the steels shall be stated on the production drawings and it goes without saying that the mechanical properties of the different types of steels must be taken into account for stability calculations.

All elements shall be manufactured in a covered, sheltered location.

After machining, welding, drilling, notching, etc. the elements shall be prepared prior to anti-corrosion treatment: brushing of welds, careful deburring, cleaning, shot peening and sand blasting.

The anti-corrosion treatment shall be performed by hot galvanization of a minimum of 80 µm and shall provide fault-free protection for at least the period of the ten-year guarantee.

No machining may be carried out once the parts have undergone anti-corrosion treatment.

All fasteners and hardware (including hinges) shall be made of 18/10 stainless steel (NFE 25.033).

2.1.4.3 ALUMINIUM

The reference standard is NF EN 573-1. Parts used in a supporting structure shall be chosen from the "6000" series. For parts which are not used in a supporting structure, the "1000" series shall be acceptable.

The alloys are to be weldable.

The parts shall be carefully deburred and the welds shall be brushed before any protective treatment.

The visible parts of equipment shall be treated by the application of paintwork performed according to a "Qualicoat"-type procedure.

2.1.4.4 PMMA

The PMMA shall meet at least the following characteristics:

• Opal white (values for a test piece of 3mm thick)	Flat parts machined "cast" PMMA	Flat parts unmachined "extruded" PMMA
• Tensile strength	> 75 MPa	> 70 MPa
• Bending strength	> 130 MPa	> 120 MPa
• Bending modulus	> 3,250 MPa	> 3,000 MPa
• Unnotched CHARPY impact test strength	> 12 MPa	>10 MPa
• Expansion	< 1 mm / 1 m / 10°C	<1 mm / 1 m / 10°C
• Light transmittance	> 50 %	>33 %

The thermoformed panels shall be made of white, light diffusing, extruded PMMA in compliance with the sheet manufacturer's heating parameters.

Where parts made of PMMA are more than 100 cm high, they shall be hung from the top by an adhesive PMMA cleat.

The thickness of the sheets shall be calculated in compliance with the tensile strength standards set out above.

2.1.4.5 POLYCARBONATE

The polycarbonate sheet shall meet at least the following characteristics:

- Uncoloured appearance
- Density > 1.2 g/cm3

GENERAL REQUIREMENTS

- Tensile strength: 60 Mpa
- Expansion < 0.7 mm / 1 m / 10°C
- Light transmittance > 90%

2.1.4.6 EXPANDED FOAM

These following characteristics must be met:

- Material 9010 white PVC
- Density > 50 g/cm³
- UV-stabilized: 14 MPa
- Shore hardness D > 75
- Expansion < 1 mm / 1 m / 10°C

2.1.4.7 PAINT

Painted parts must have an even appearance across their entire surface.

Defects such as pores, fissures, grains of dust, runs or waves of paint shall not be tolerated.

Samples of painted rough parts shall be tested and accepted by MOBILIZE, after having undergone the following tests performed by a certified body:

- Colour based on a LAB test with a MINOLTA 508 D colorimeter with D65 illuminant and the observer at 10° and specular component included (the tolerances in the CIELAB colour space are L +/- 1, a +/- 1.5, b +/- 1.5).
- Gloss at 40 °: based on a test according to NF T 30064 standard.
- Gloss at 60 °: based on a test according to NF T 30064 standard
- Adhesion: resistance to peeling based on grid test.

Class 1, as per P UW 150 1. NF T 30038 standard

- Colour fastness:
QUV as per NF T 30036 after 200 hours of exposure.

Samples of each of the elements shall be supplied, upon request, to MOBILIZE for inspection.

2.1.5 ELECTRICAL EQUIPMENT

Assemblies with electrical equipment shall comply with the essential safety requirements of the European Union. Within this framework, the supplier shall obtain a certificate (for each type of equipment) which must clearly state the compliance of the assemblies, and thus of the components, with:

- requirements relating to the safety and protection of users and all other persons (directive 73/23/EEC without any lower voltage threshold)
- requirements relating to electromagnetic compatibility (directive 89/336/EEC).

The rating plate on each item of equipment shall display the CE mark indicating compliance with these requirements.

The regulations relating to low-voltage signage in force in each of the countries concerned shall be complied with taking climatic conditions into account.

In addition, the following requirements shall be met:

Electrical equipment shall be compliant with the standards in force from the series NFC 15-100, NFC 20-010 and NFC 20-030, NFC 71, NFC 32 for France and the IEC 60364 international standard.

GENERAL REQUIREMENTS

This concerns the following in particular:

- Category one electrical installations and low-voltage illuminated signage installations.
- The fire behaviour of electrical equipment and the degree of protection of enclosures,
- Flexible and rigid low-voltage cables.

In addition, the equipment shall comply regulations relating to the suppression of interference in inhabited areas and shall thus be delivered with interference suppression.

2.1.5.1 IP RATING

All the electrical equipment shall have a protection rating of at least IP 44-D.

2.1.5.2 PROTECTION AGAINST ELECTRIC SHOCK

All equipment shall be "class 1".

2.1.5.3 FASTENERS

The converters shall be placed in areas not subject to standing water.

The cables and sheaths shall be fastened to structures at 50 cm intervals.

2.1.5.4 CABLE ROUTING

Every cable or sheath passing through a metal part shall be routed through a cable gland.

Connection boxes.

An IP 44 sealed plastic connection box shall be provided at the inlet to each assembly. This box shall be equipped with a 5-input connection pin for 4 mm wiring.

All the connection boxes shall have the markings P1+P2+P3+T+N.

2.1.5.5 LEDs

The white LEDs used shall have the following characteristics:

- Lifetime: 50,000 hours for a loss of initial luminous flux of 50 % at the end of the period
- 5 year guarantee for operation 10 hours per day with a maximum loss of luminous flux of 20 %
- Operating temperature of LEDs: between - 20° C and +50 °C.
- Minimum protection index: IP 67
- The LEDs used must comply with the following international standards: IEC 62504 TS Ed. 1, IEC 61231, IEC 62560 Ed 1, IEC 62031 LED module safety, IEC 61347-2-13 LED control gear.

2.1.5.6 CONVERTERS

The power supply converters for the LEDs shall have the following characteristics:

- Wide power supply voltage range (100 to 300 volts)
- Reversible protection against increase in temperature and overload
- Protection against short-circuits with automatic restart
- Minimum protection index: IP 67
- Operation compliant with: EN 55015, EN 61000-3-2, EN 61547, EN 61558-2-17.

GENERAL REQUIREMENTS

2.1.6 FASTENERS AND HARDWARE

All fasteners and hardware used shall be made of stainless steel (non-magnetizable).

Aluminium "pop" rivets are accepted as long as the steel rods are systematically removed.

For welding, the wires and electrodes are to be compliant with NF 81.830.

2.1.7 ANCHORING SYSTEMS AND FASTENINGS

The plinths for all equipments shall be completely removable without having to remove another element of the assembly. The plinths shall cover the attachment plates or fastenings. The attachment plates shall be easily accessible once the plinths have been removed.

For each of the assemblies which require a foundation block or fastening to a separate structure, the signmaker shall provide the elements necessary, as well as the conditions to be used to make design calculations for these elements (wind conditions and design calculation methods).

2.1.8 IDENTIFICATION PLATE

Each finished product shall be marked with a metal identification plate on the structure which shall show at least the following information:

- Name of the signmaker
- Product code and batch
- Month and year of manufacturing
- The CE Marking if it is illuminated.

2.1.9 STORAGE

The finished products shall be stored in a dry and well-ventilated location.

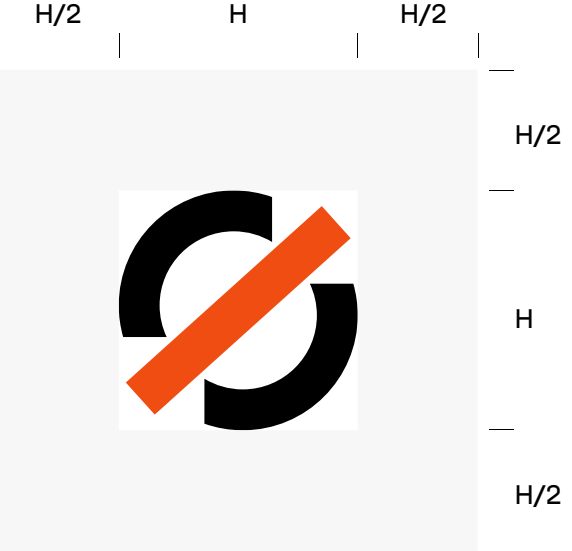
MOBILIZE inspectors shall be able to have access to them at any time.

02

GRAPHIC COMPONENTS



LOGOTYPE



EMBLEM

**GRAPHIC
COMPONENTS**
IDENTITY PATTERN

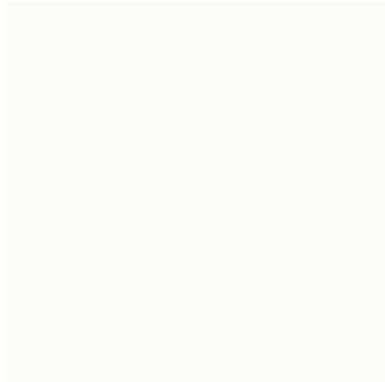
PRINCIPLE
This pattern aims to identify parking lots reserved for Fast Charge activity.
It is made by two-component epoxy paint on tarmac.

OTHER VERSION
In a suitable dimension, this pattern is also used on the entrance doors of the reception areas reserved for MOBILIZE Fast Charge and MOBILIZE Location stand alone customers.
It is then made of white adhesive.



GRAPHIC
COMPONENTS
COLORS

PRINCIPLE
The colors and materials specific to the Mobilize universe are harmonized with the Renault signage elements with which they coexist.



PURE WHITE
EQ. RAL 9003

- RAL 9003 paint in satin finish with 40% gloss
- PMMA diffusing with 50% transmission, 3 mm thick, altuglass ref. 100-27000
- Matt adhesive film



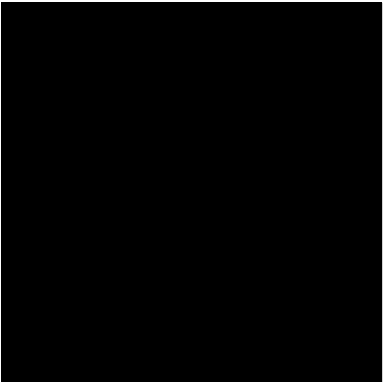
ORANGE PANTONE 172C
EQ. RAL 2004

- Post-lacquered aluminium sheet thickness 20/10 mm RAL 2004 in finish satin at 40% gloss
- Two-component epoxy paint for ground application, RAL 2004 Orange in matt finish
- 3M diffusing adhesive series 3630 in matt finish



DARK GREY
EQ. RAL 7021

- Post-lacquered aluminium sheet thickness 20/10 mm in satin finish with 40% gloss



BLACK
EQ. RAL 9005

- Post-lacquered aluminium sheet thickness 20/10 mm RAL 9005 in finish satin at 40% gloss
- Matt black PMMA, 3mm thick, altuglass ref. 121-48000 mono satin
- Matt adhesive film

GRAPHIC
COMPONENTS
TYPEFACES

PRINCIPLE

This typographic family is one of the components of the Mobilize identity. It is used for all signage applications with the exception of brand identity cohabitation media where it is replaced by Renault Group typography (e.g. directional sign).

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
0123456789

MBLZ bold

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
0123456789

MBLZ Title

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
0123456789

MBLZ text

03

STANDARDS

STANDARDS

PRESENTATION

PRINCIPLE

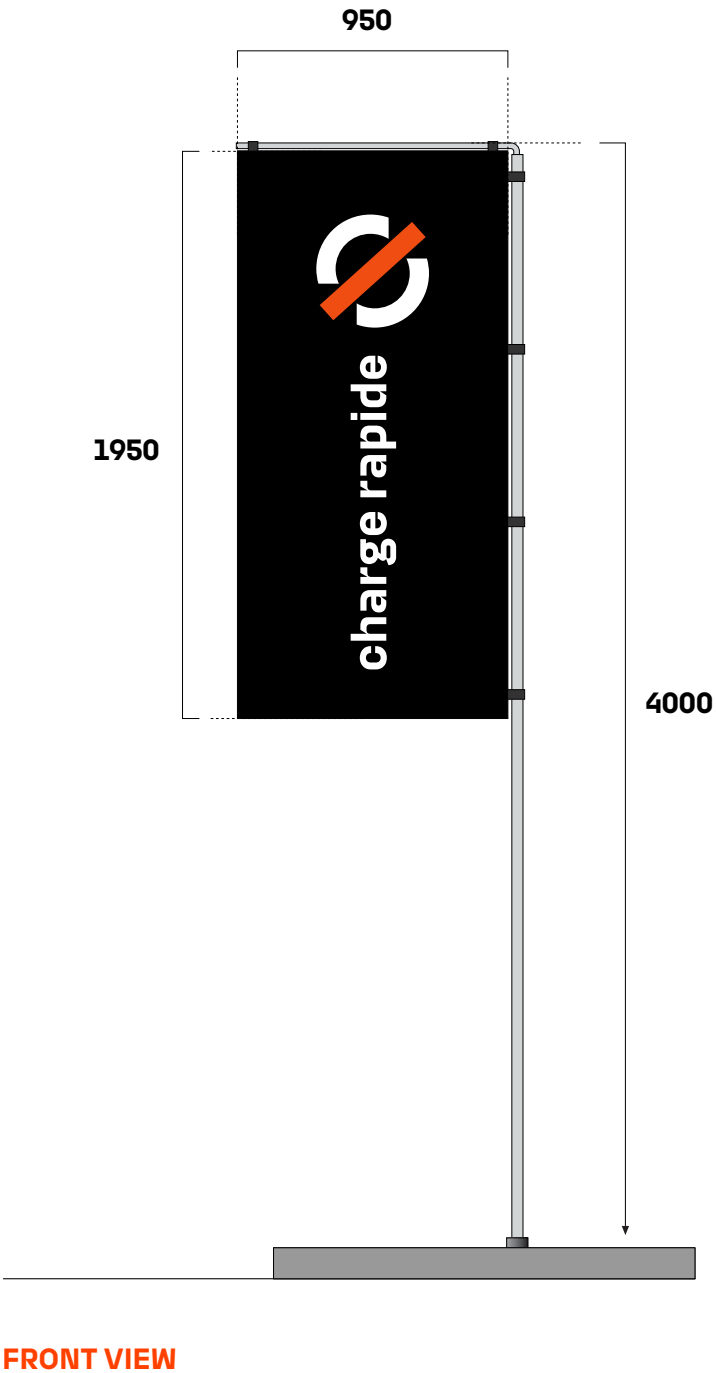
The flags are printed in black with the emblem in white and orange reserve.

The flags are made of printed white polyester fabric. They have loops allowing them to be attached to a mast with a horizontal rotating bracket.

The masts are made of telescopic aluminium tubes with a natural anodized finish. They are fixed to concrete pads in the grassy areas in front of the vehicles.

Height of the masts: 4 m.

Dimensions of the flags:
1.95 x 0.90 m.



STANDARDS

RENTAL

French version

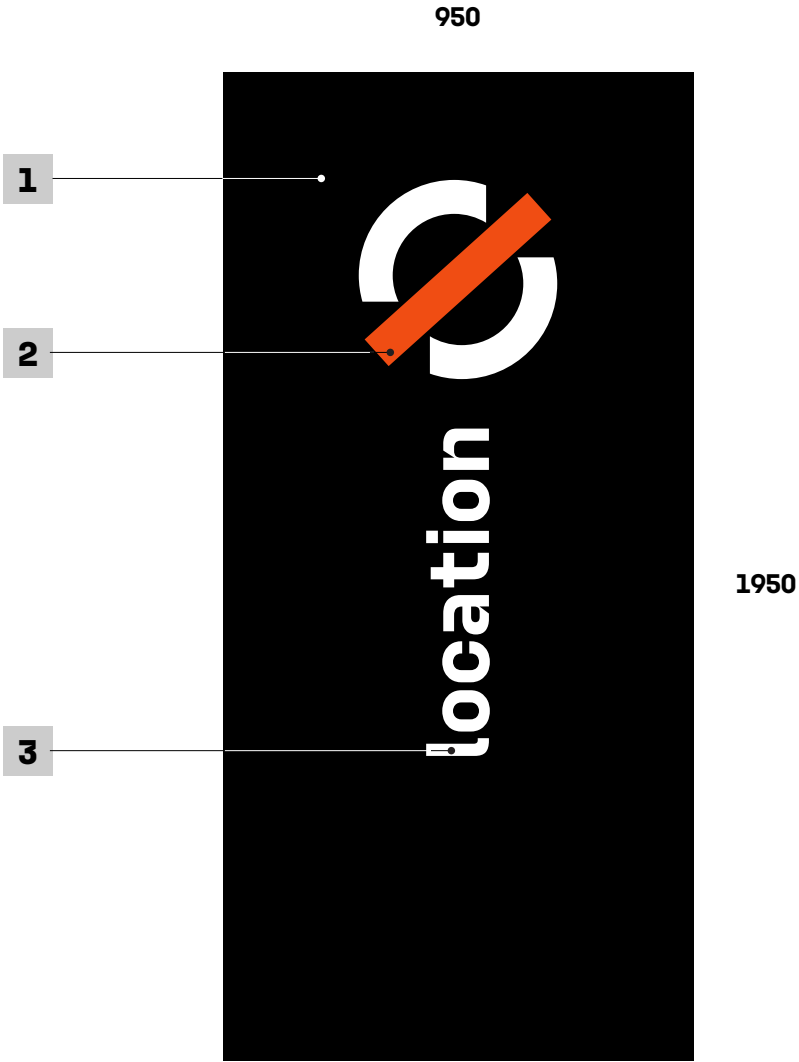
DESCRIPTION

The black background is printed as well as the orange part of the emblem.

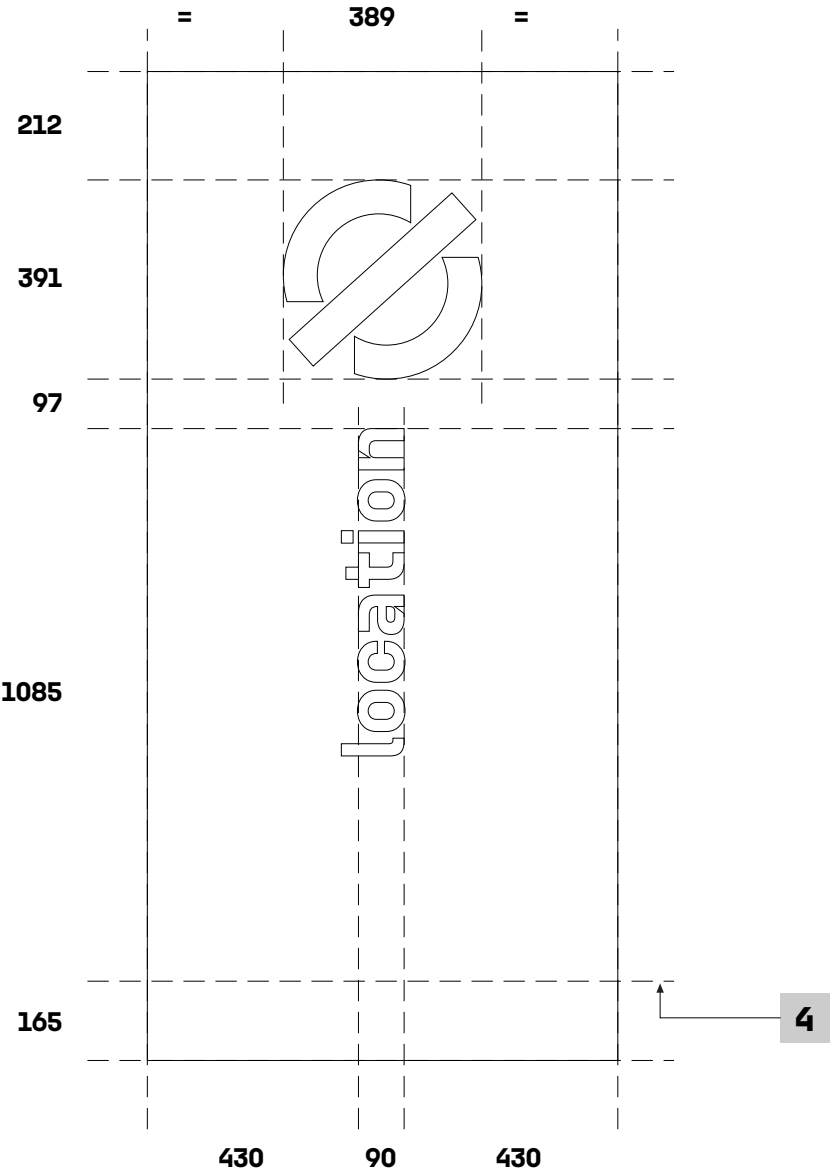
The finish is satin or matt.

KEY

- 1 Background printed in black on 115g/m² white polyester fabric
- 2 Mobilize Emblem in white reserve with strip in Orange RAL 2004
- 3 Texts in white reserve, MBLZ Bold typography, lowercase, top aligned
- 4 Maximum low limit of text



VISUAL



OUTLINES

STANDARDS
SHARE
French version

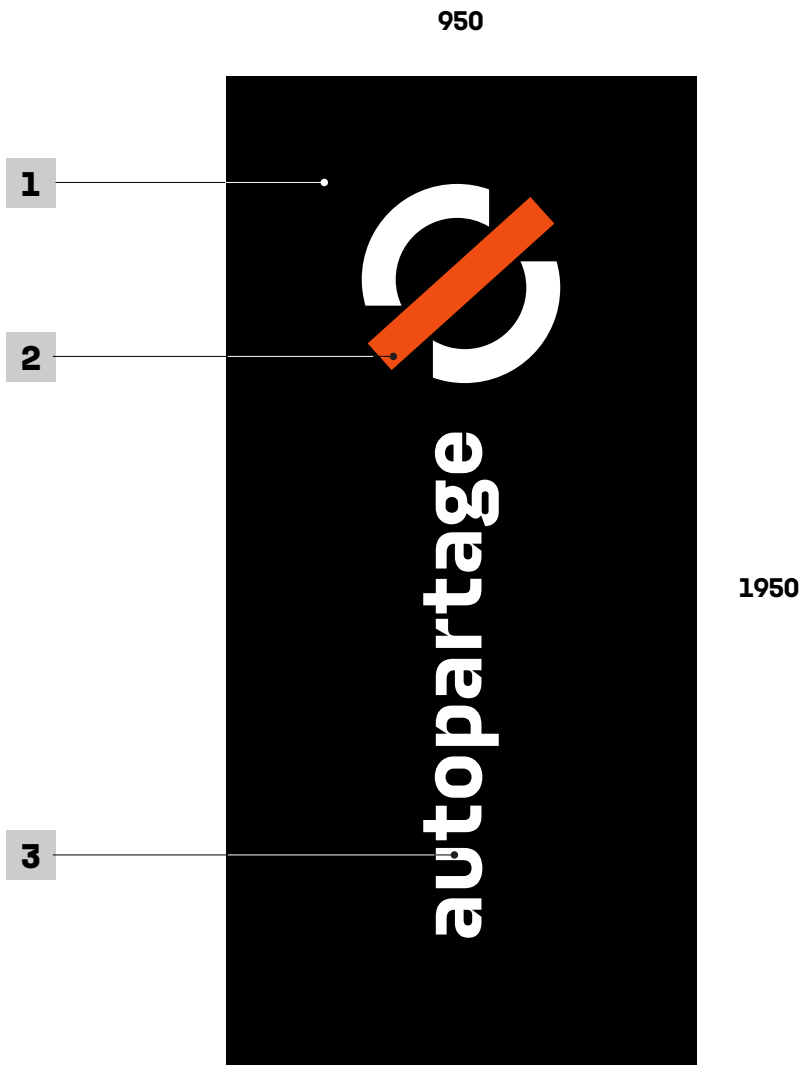
DESCRIPTION

The black background is printed as well as the orange part of the emblem.

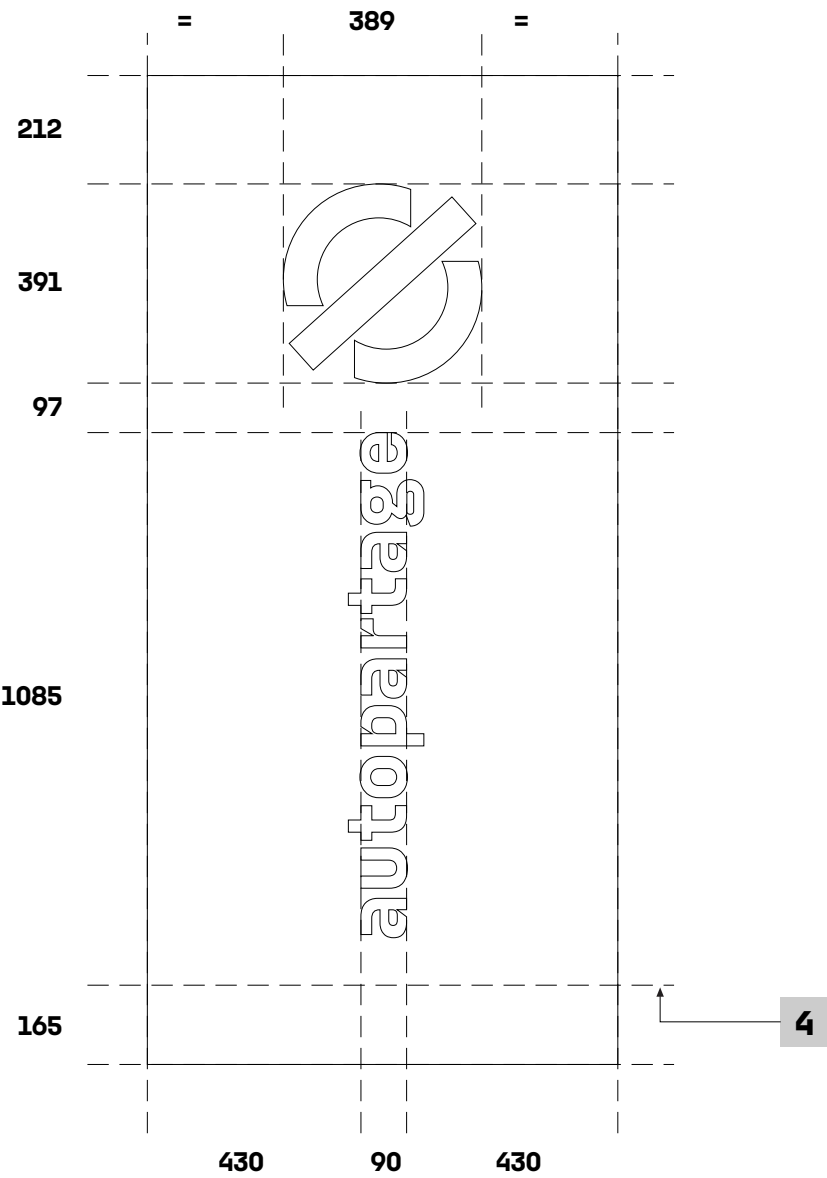
The finish is satin or matt.

KEY

- 1 Background printed in black on 115g/m² white polyester fabric
- 2 Mobilize Emblem in white reserve with strip in Orange RAL 2004
- 3 Texts in white reserve, MBLZ Bold typography, lowercase, top aligned
- 4 Maximum low limit of text



VISUAL



OUTLINES

STANDARDS
RENTAL
Spanish version

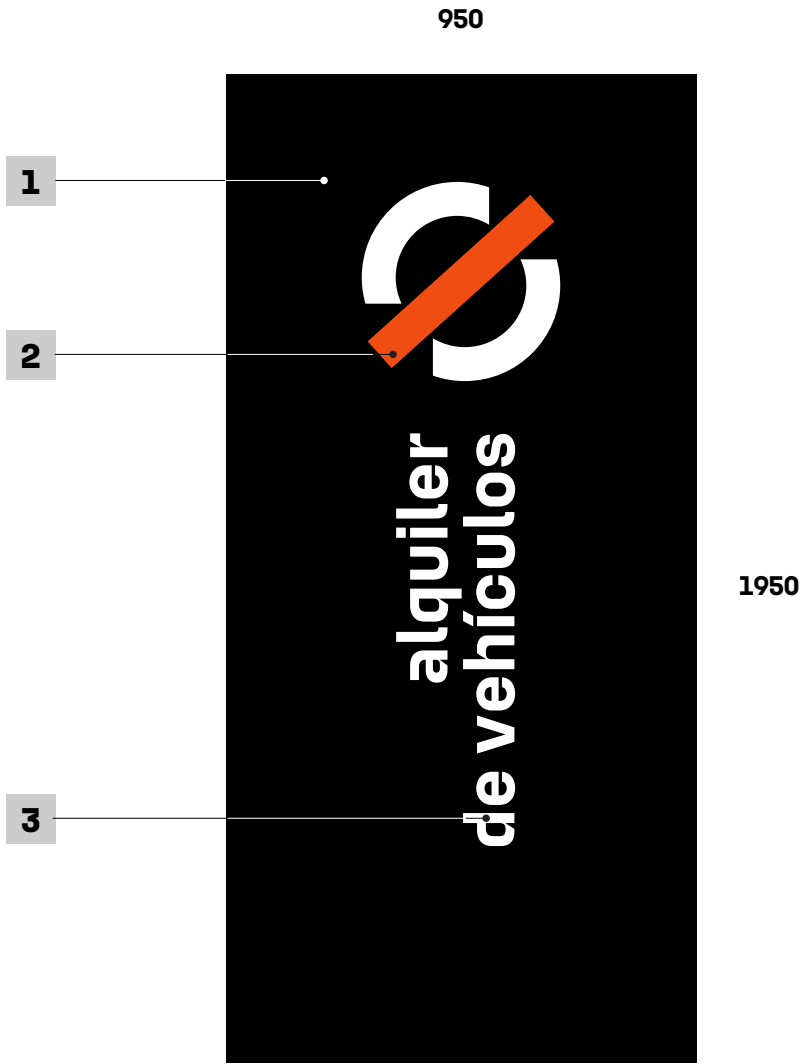
DESCRIPTION

The black background is printed as well as the orange part of the emblem.

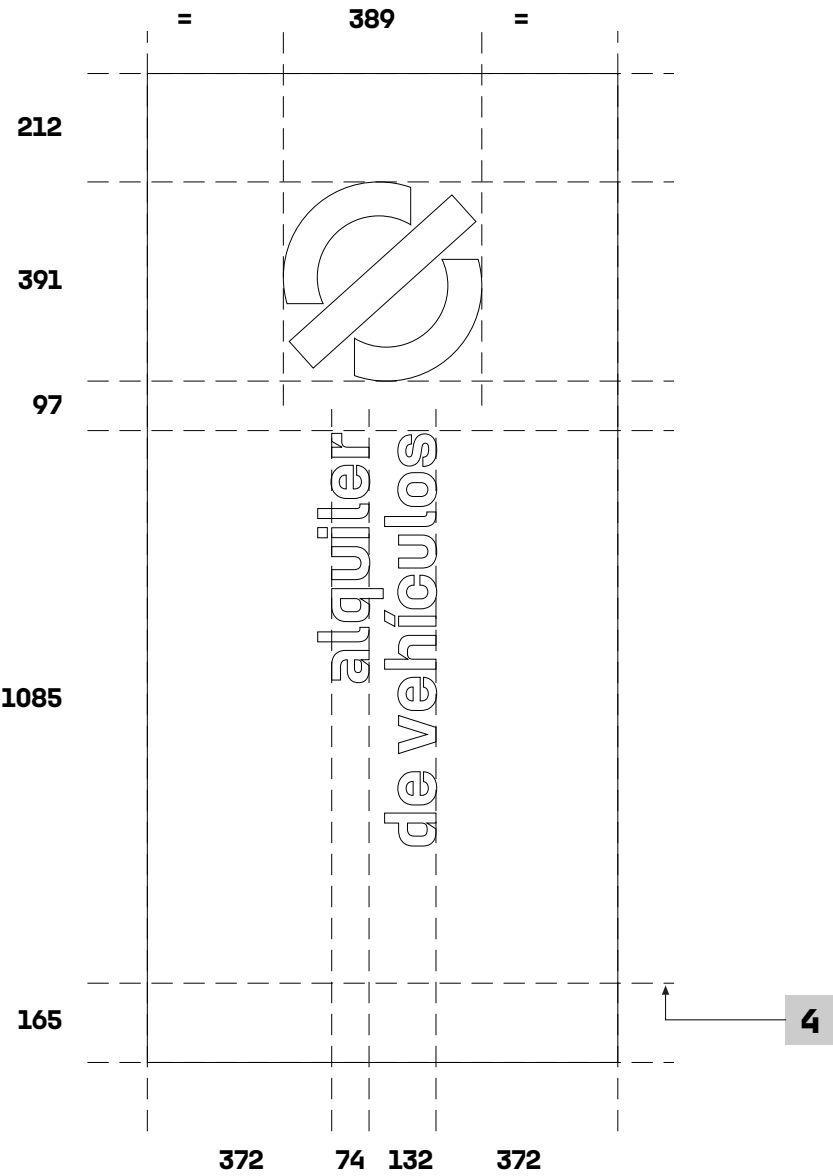
The finish is satin or matt.

KEY

- 1 Background printed in black on 115g/m² white polyester fabric
- 2 Mobilize Emblem in white reserve with strip in Orange RAL 2004
- 3 Texts in white reserve, MBLZ Bold typography, lowercase, top aligned
- 4 Maximum low limit of text



VISUAL



OUTLINES



STANDARDS
SHARE
Spanish version

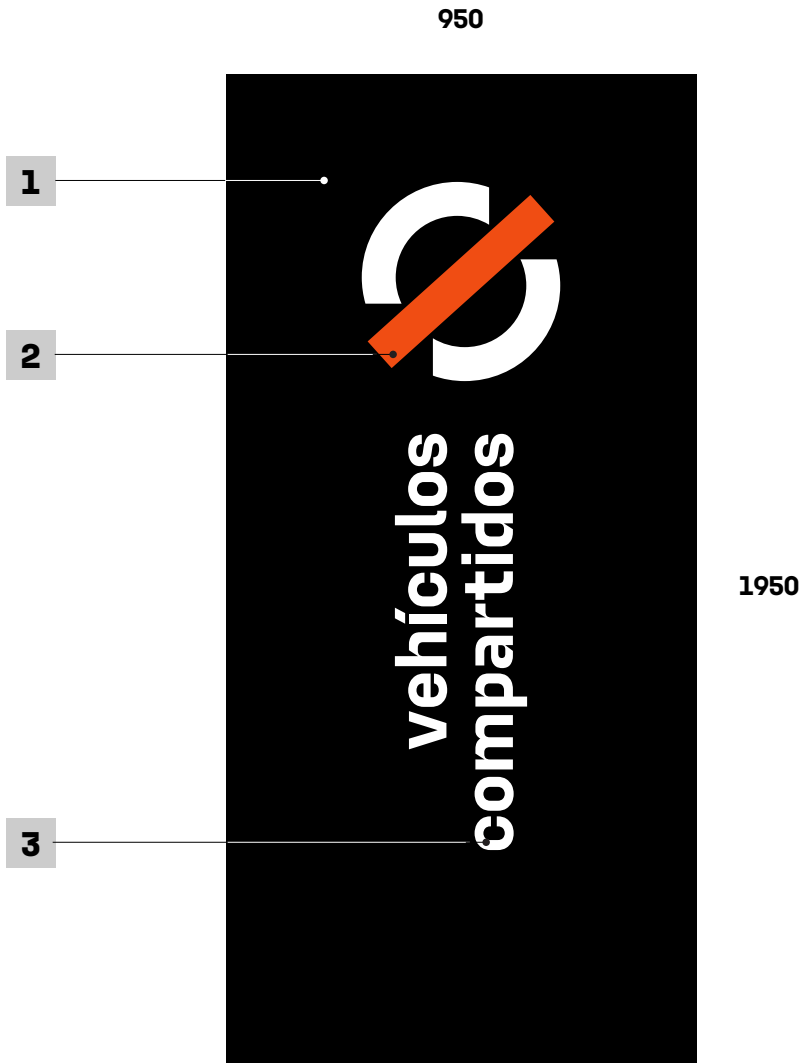
DESCRIPTION

The black background is printed as well as the orange part of the emblem.

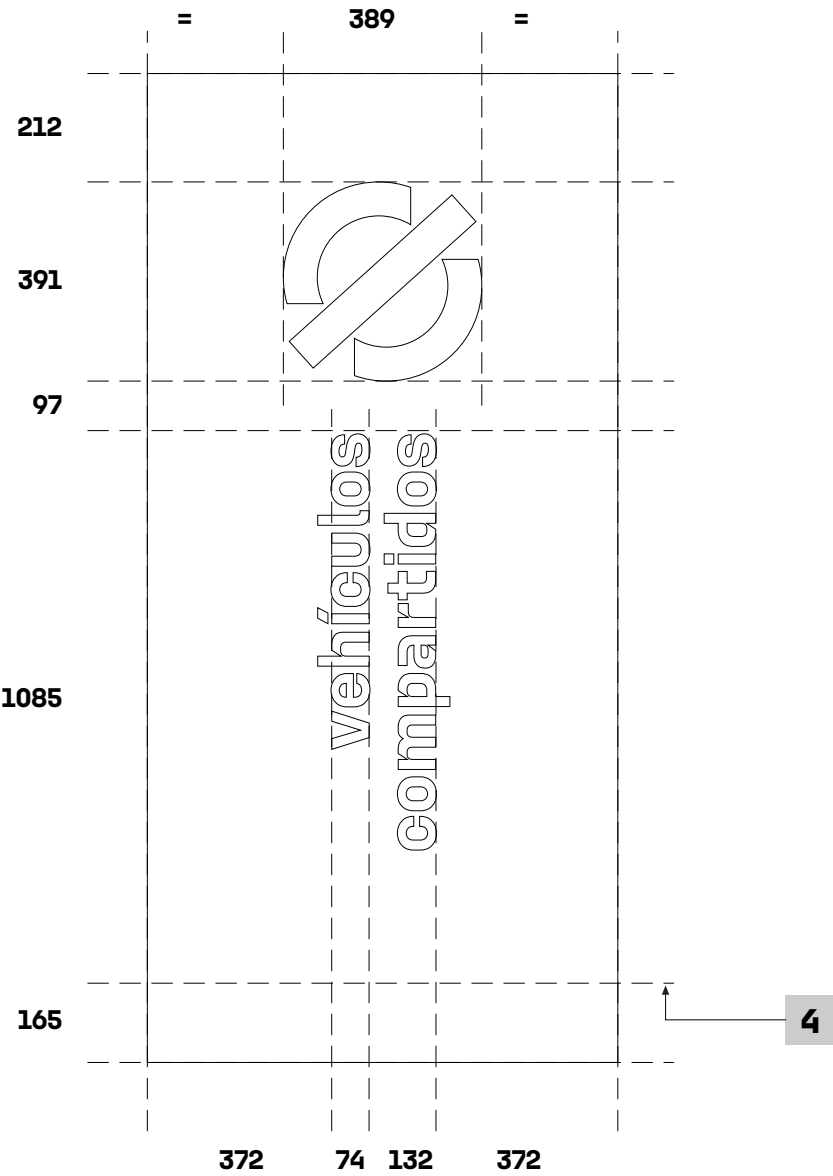
The finish is satin or matt.

KEY

- 1 Background printed in black on 115g/m² white polyester fabric
- 2 Mobilize Emblem in white reserve with strip in Orange RAL 2004
- 3 Texts in white reserve, MBLZ Bold typography, lowercase, top aligned
- 4 Maximum low limit of text



VISUAL



OUTLINES

Italian version

The finish is satin or matt.

- 1 Background printed in black on 115g/m² white polyester fabric**
- 2 Mobilize Emblem in white reserve with strip in Orange RAL 2004**
- 3 Texts in white reserve, MBLZ Bold typography, lowercase, top aligned**
- 4 Maximum low limit of text**



STANDARDS
SHARE
Italian version

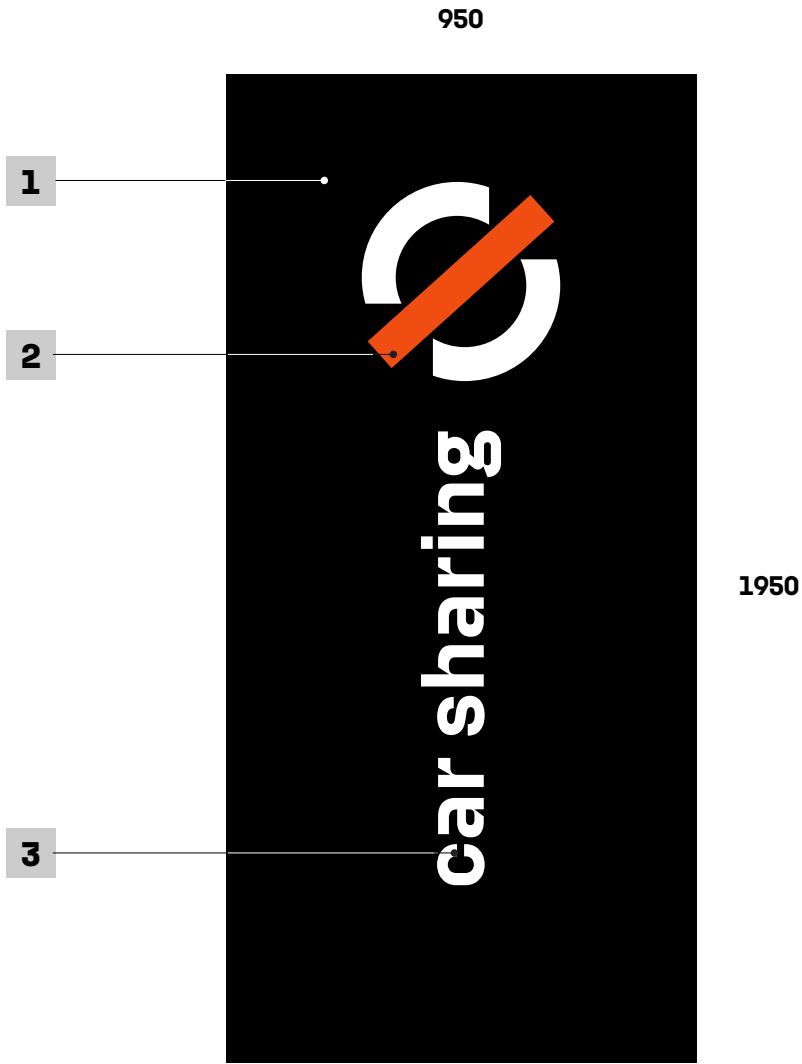
DESCRIPTION

The black background is printed as well as the orange part of the emblem.

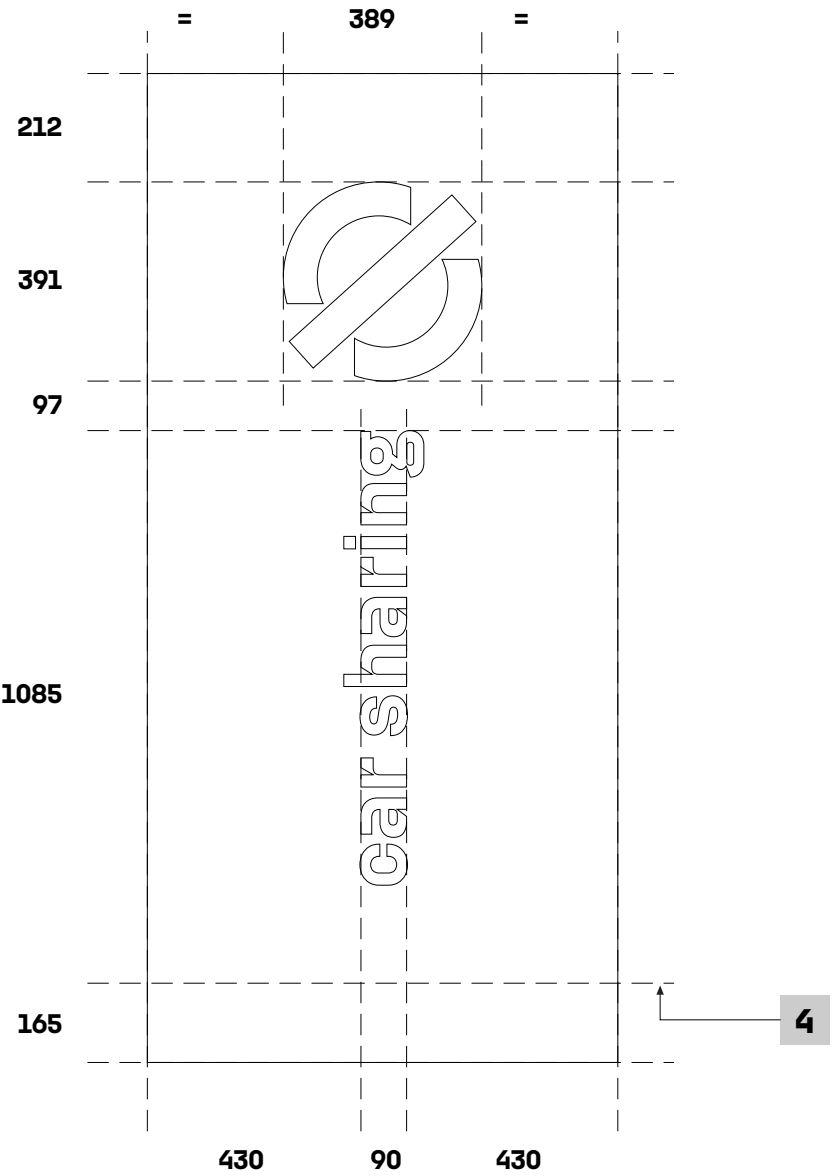
The finish is satin or matt.

KEY

- 1 Background printed in black on 115g/m² white polyester fabric
- 2 Mobilize Emblem in white reserve with strip in Orange RAL 2004
- 3 Texts in white reserve, MBLZ Bold typography, lowercase, top aligned
- 4 Maximum low limit of text



VISUAL



OUTLINES

STANDARDS
RENTAL
Flemish version

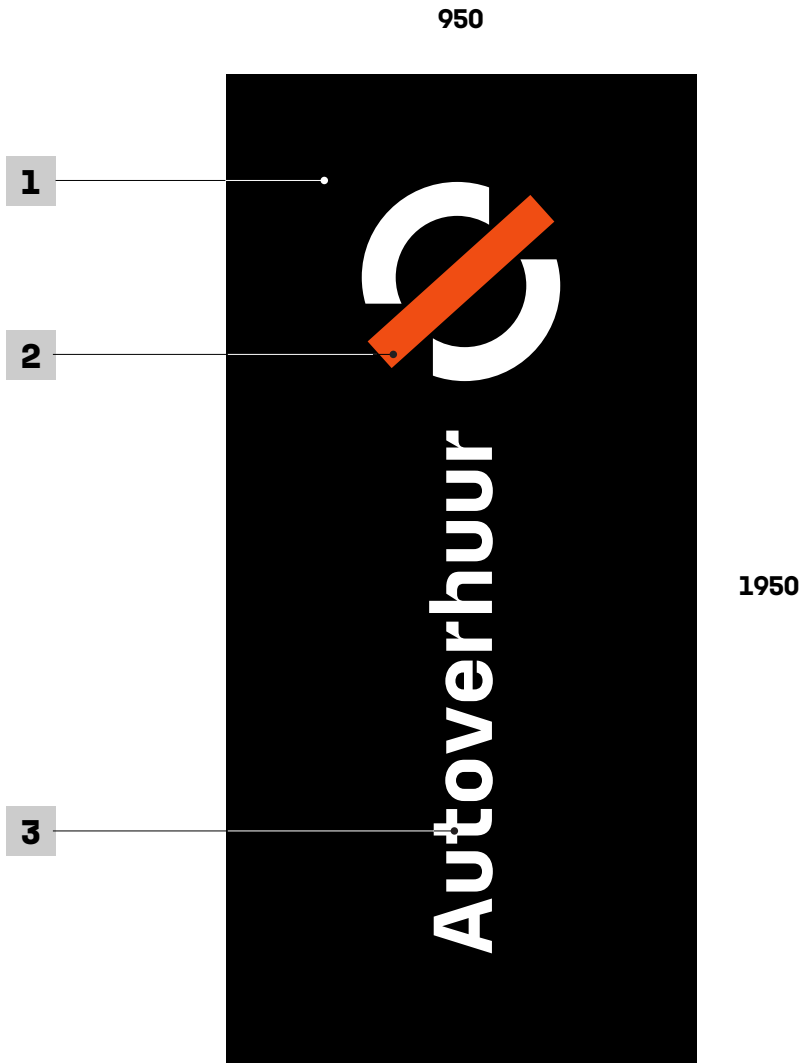
DESCRIPTION

The black background is printed as well as the orange part of the emblem.

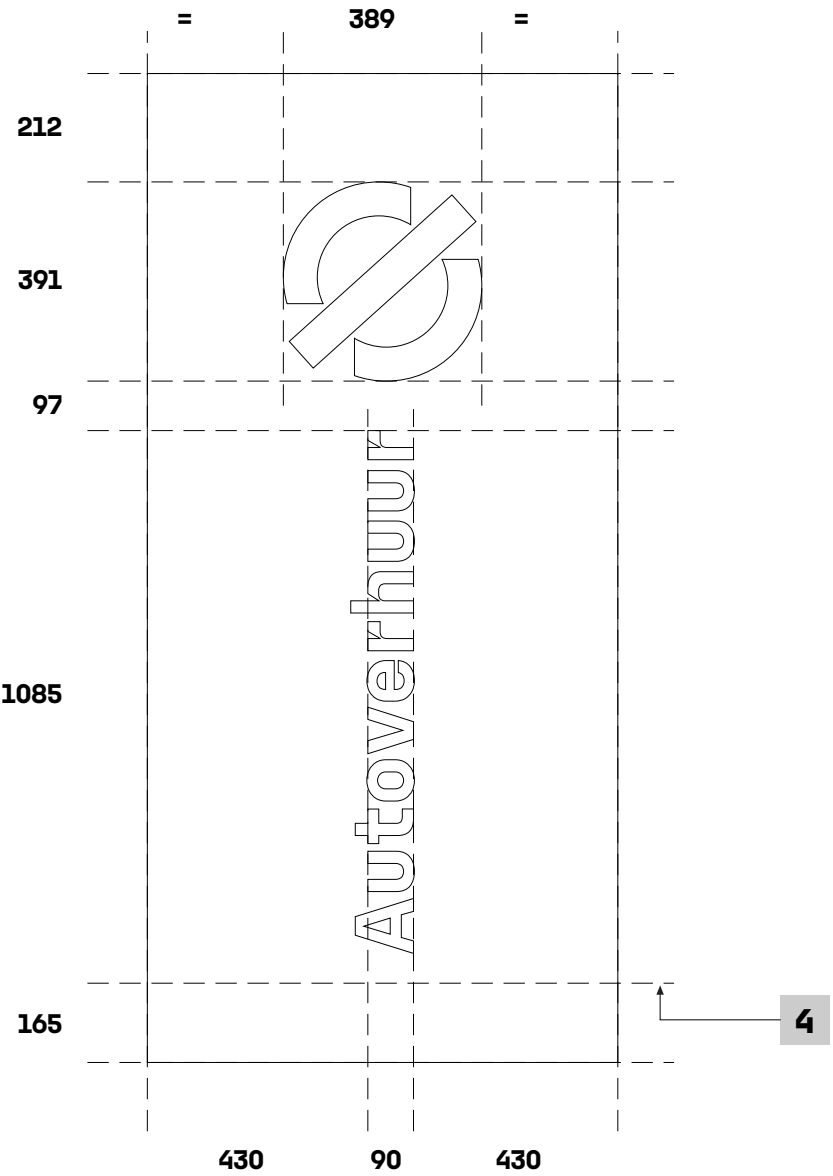
The finish is satin or matt.

KEY

- 1 Background printed in black on 115g/m² white polyester fabric
- 2 Mobilize Emblem in white reserve with strip in Orange RAL 2004
- 3 Texts in white reserve, MBLZ Bold typography, lowercase, top aligned
- 4 Maximum low limit of text



VISUAL



OUTLINES

STANDARDS
SHARE
Flemish version

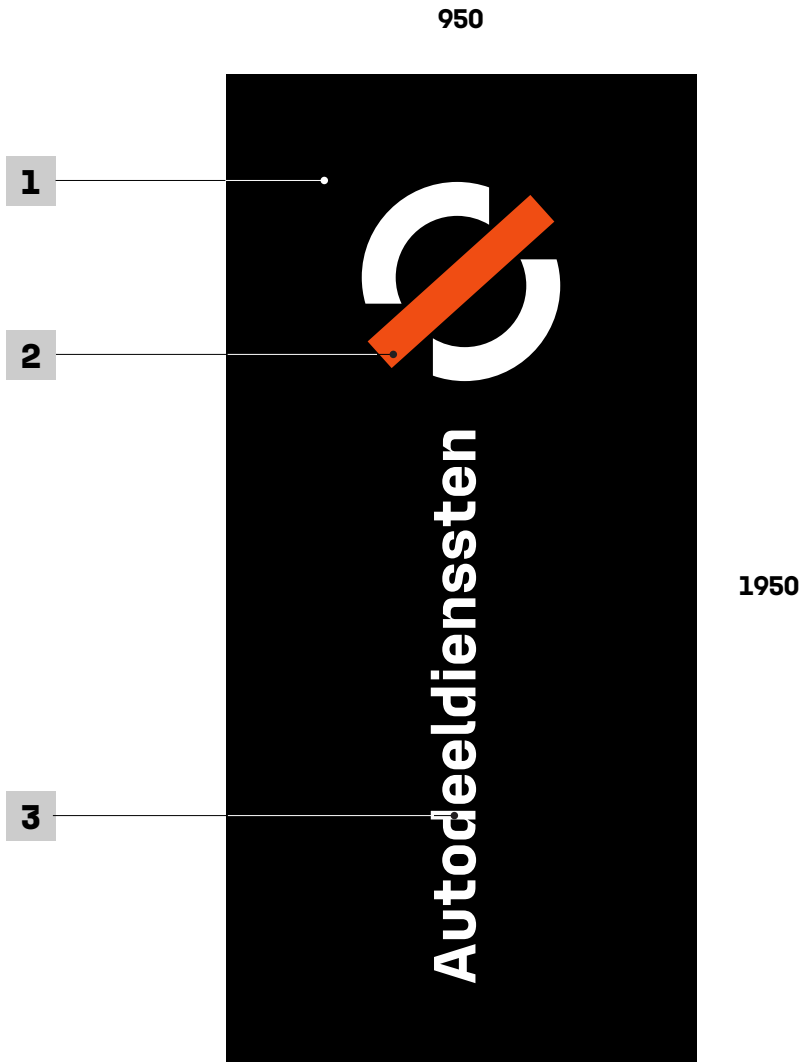
DESCRIPTION

The black background is printed as well as the orange part of the emblem.

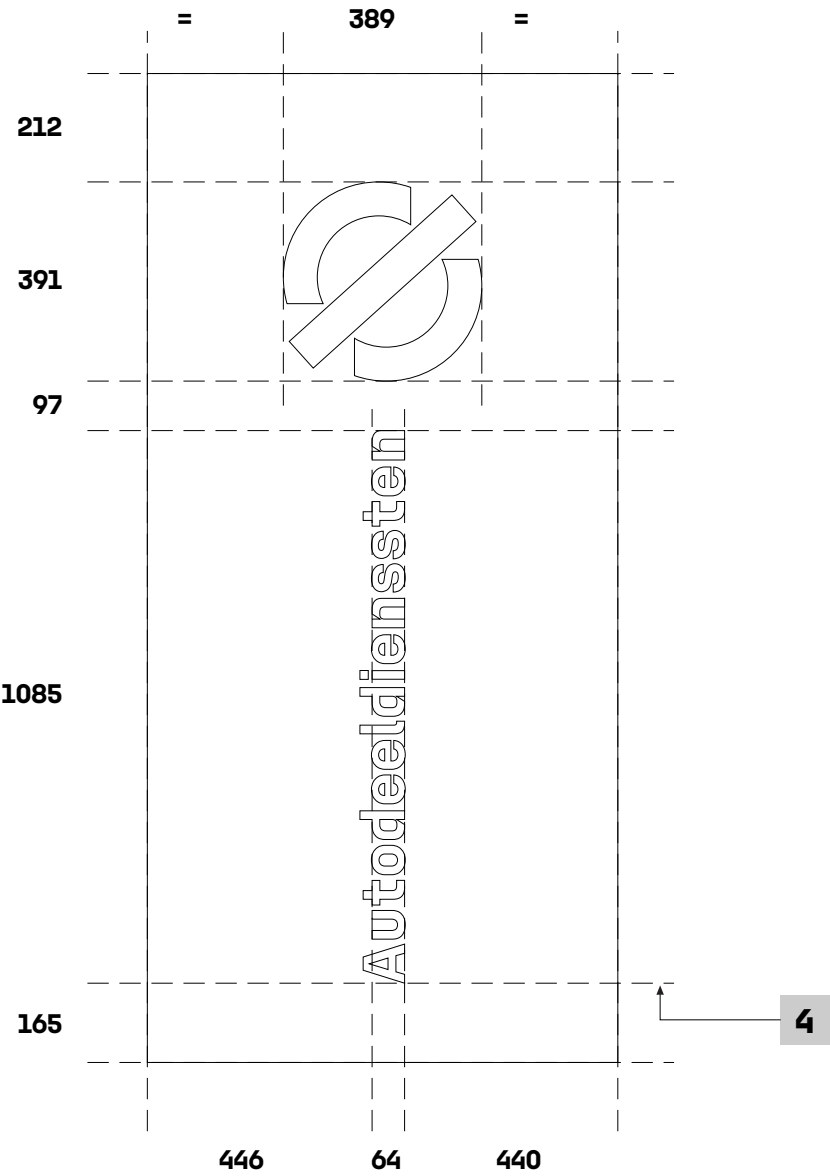
The finish is satin or matt.

KEY

- 1 Background printed in black on 115g/m² white polyester fabric
- 2 Mobilize Emblem in white reserve with strip in Orange RAL 2004
- 3 Texts in white reserve, MBLZ Bold typography, lowercase, top aligned
- 4 Maximum low limit of text



VISUAL



OUTLINES

STANDARDS

DUO

DESCRIPTION

The black background is printed as well as the orange parts.

Texts in white reserve.

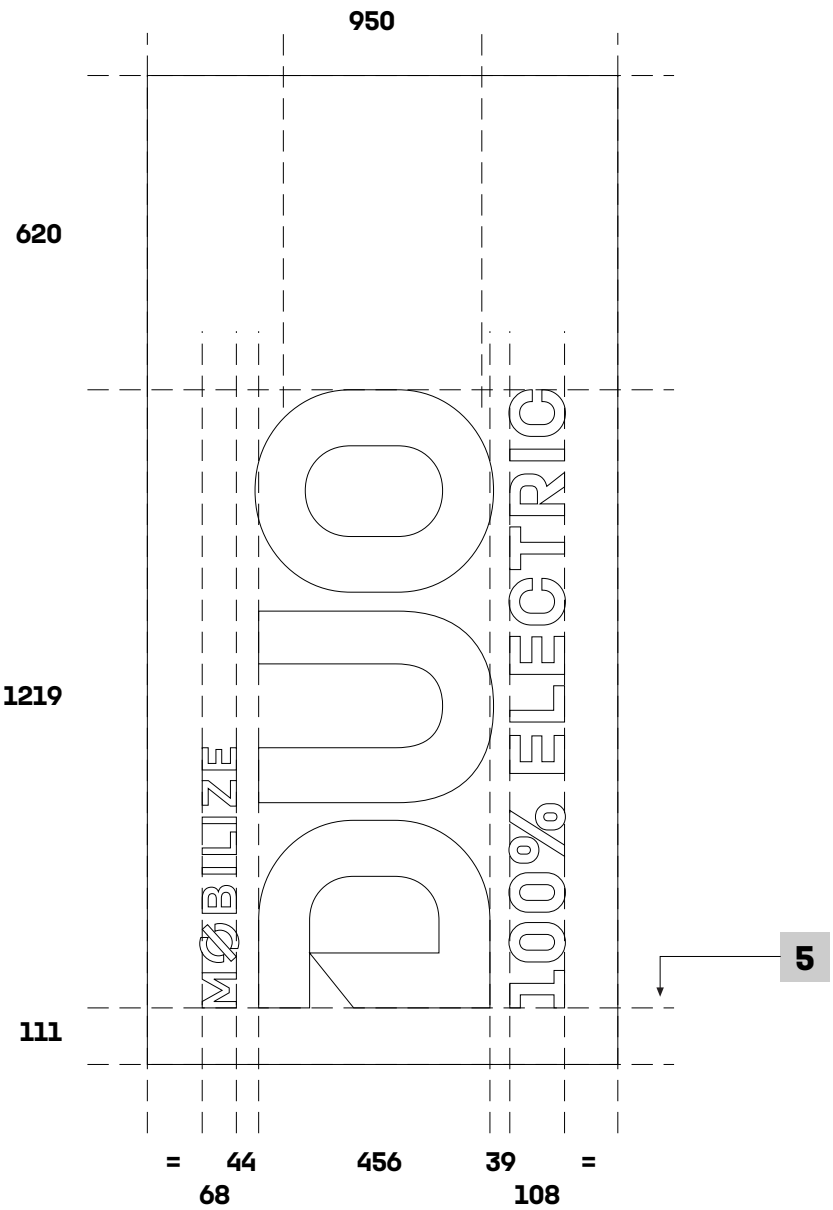
The finish is satin or matt.

KEY

- 1 Background printed in black on 115g/m² white polyester fabric
- 2 DUO logotype printed in Orange RAL 2004
- 3 Mobilize Emblem in white reserve with strip in Pantone Orange 021 C
- 4 Texts in white reserve, MBLZ Bold typography, lowercase, bottom aligned
- 5 Maximum low limit of text



VISUAL



OUTLINES

STANDARDS

BENTO

DESCRIPTION

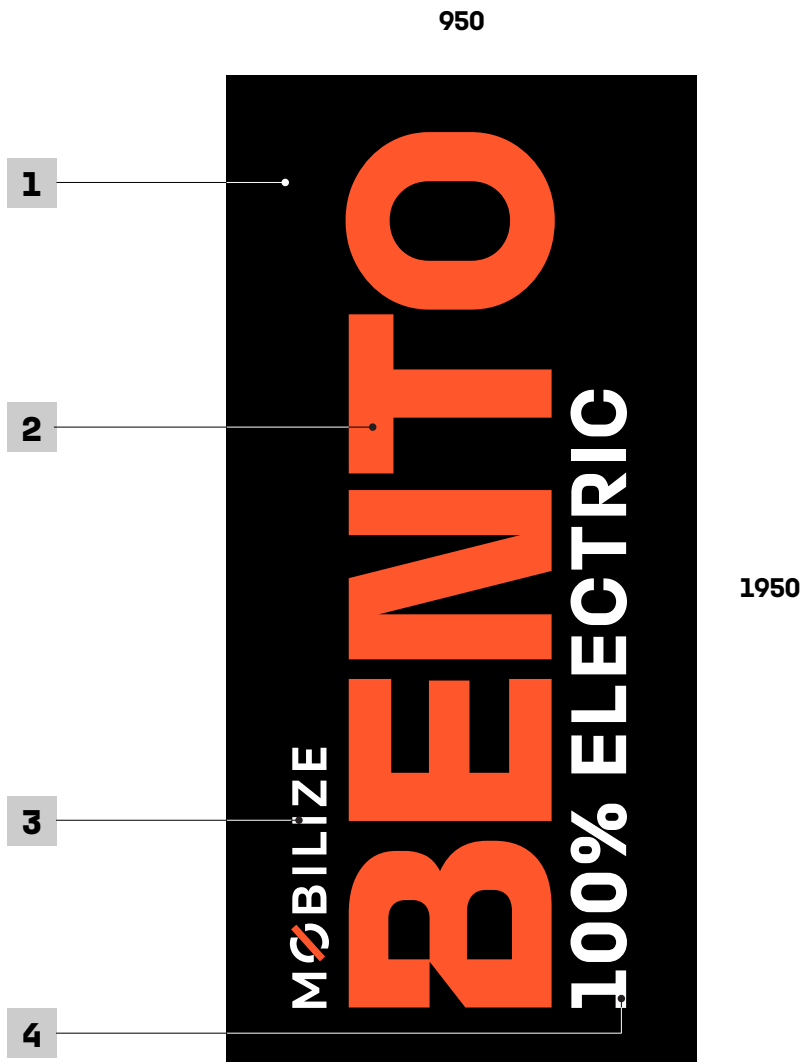
The black background is printed as well as the orange parts.

Texts in white reserve.

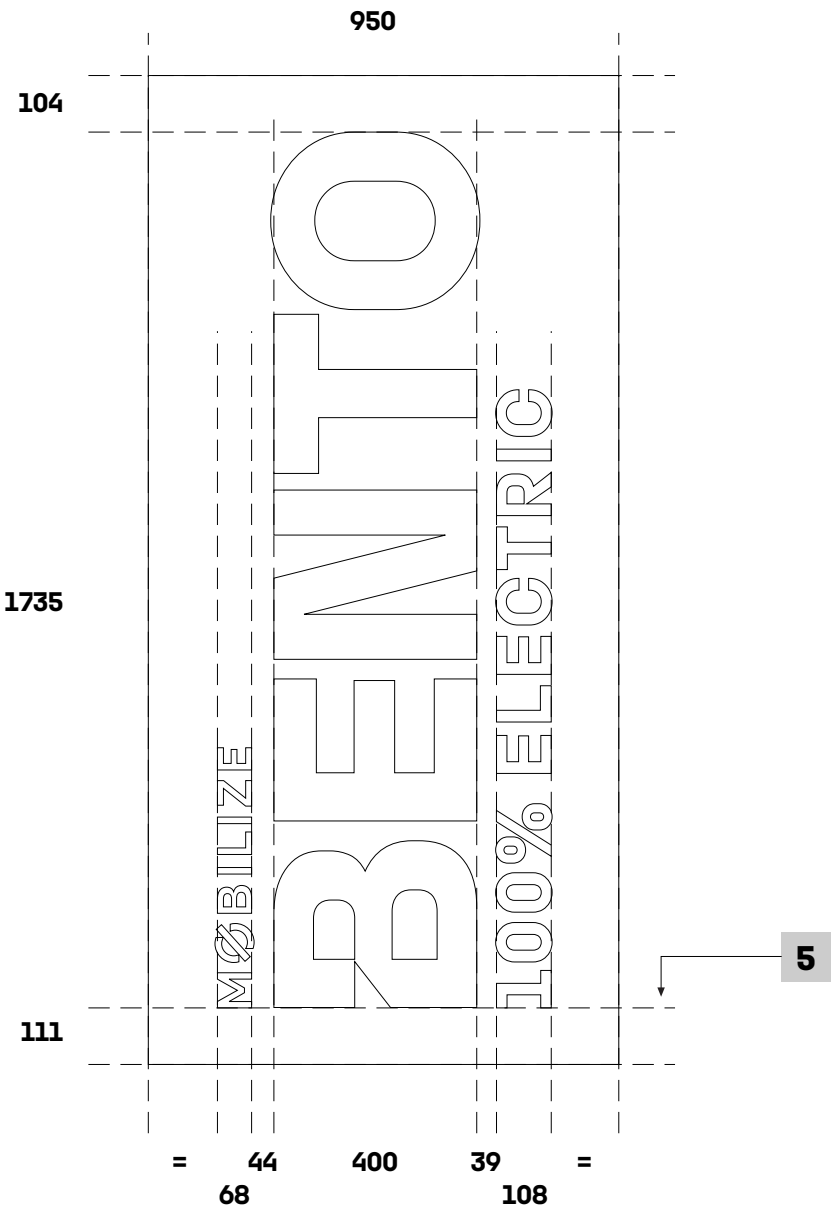
The finish is satin or matt.

KEY

- 1 Background printed in black on 115g/m² white polyester fabric
- 2 BENTO logotype printed in Orange RAL 2004
- 3 Mobilize Emblem in white reserve with strip in Orange RAL 2004
- 4 Texts in white reserve, MBLZ Bold typography, lowercase, bottom aligned
- 5 Maximum low limit of text



VISUAL



OUTLINES

04

AREA MASTS

4000 AREA MASTS

PRESENTATION

DESCRIPTION

The area masts consist of two half-parts in aluminium with raised edges mounted on an aluminium frame.

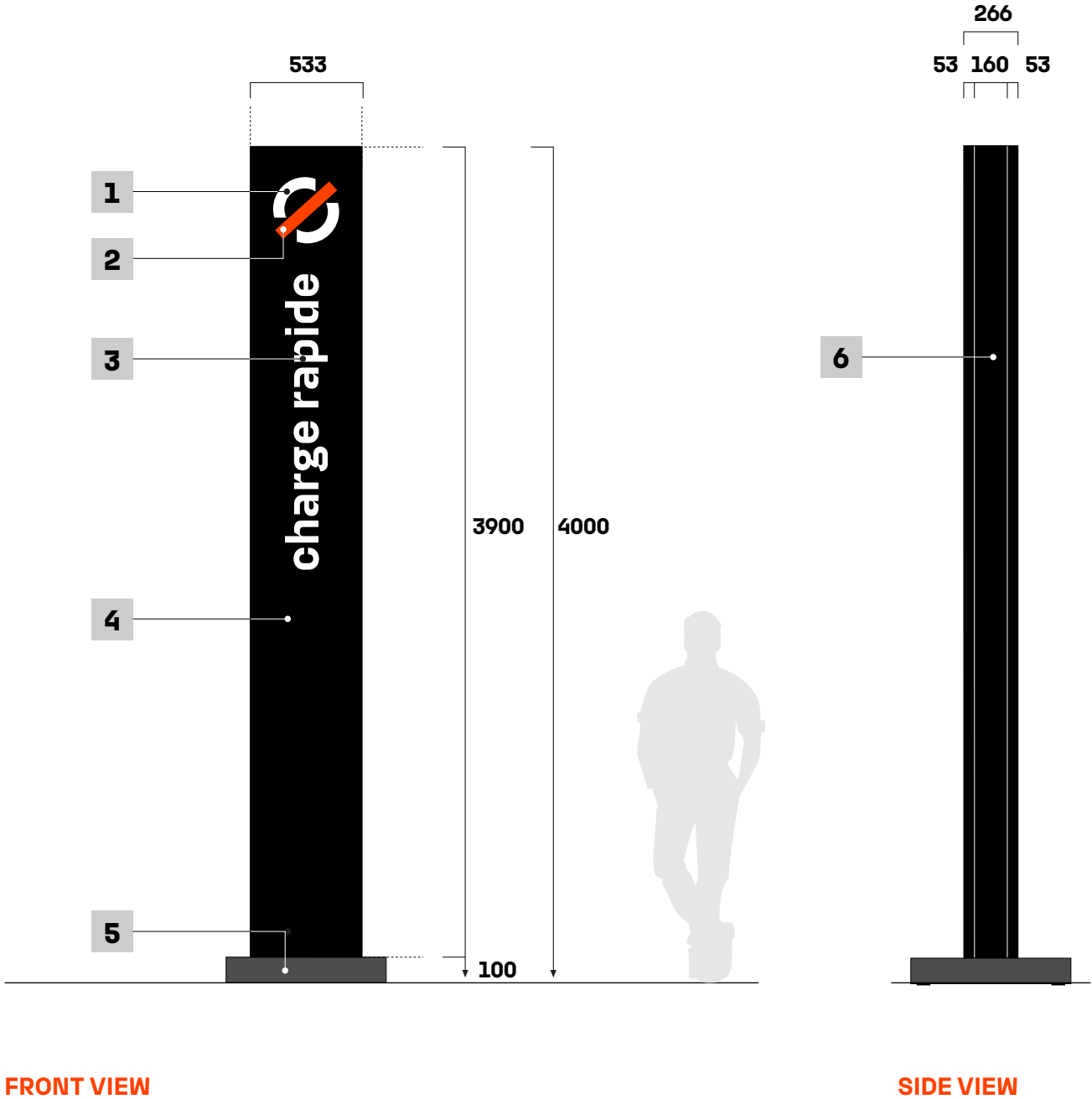
The sides are covered with a sheet with raised edges snapped on the structure (invisible fixings).

The area masts are installed on concrete blocks using anchor rods or chemical anchors.

Finish is done with a plate concealer.

KEY

- 1 White diffusing PMMA
- 2 White diffusing PMMA with Orange RAL 2004 strip
- 3 White diffusing PMMA integrated in marquetry
- 4 Panel in pre-painted aluminium sheet (one piece), RAL 9005 black
- 5 Plate concealer in RAL 7021 dark grey pre-painted aluminium sheet, thickness 15/10 mm
- 6 Edges in pre-painted aluminium sheet (one piece), RAL 9005 black



4000 AREA MASTS

OUTLINES OF FACES

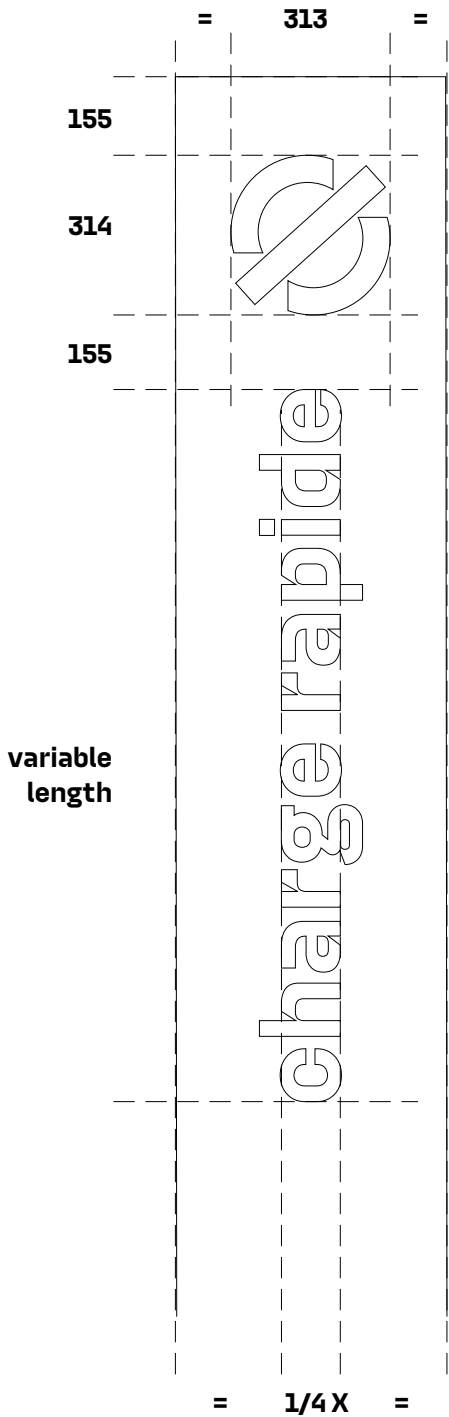
PRINCIPLE

Only the front face is diffusing (the one facing the customer flow).

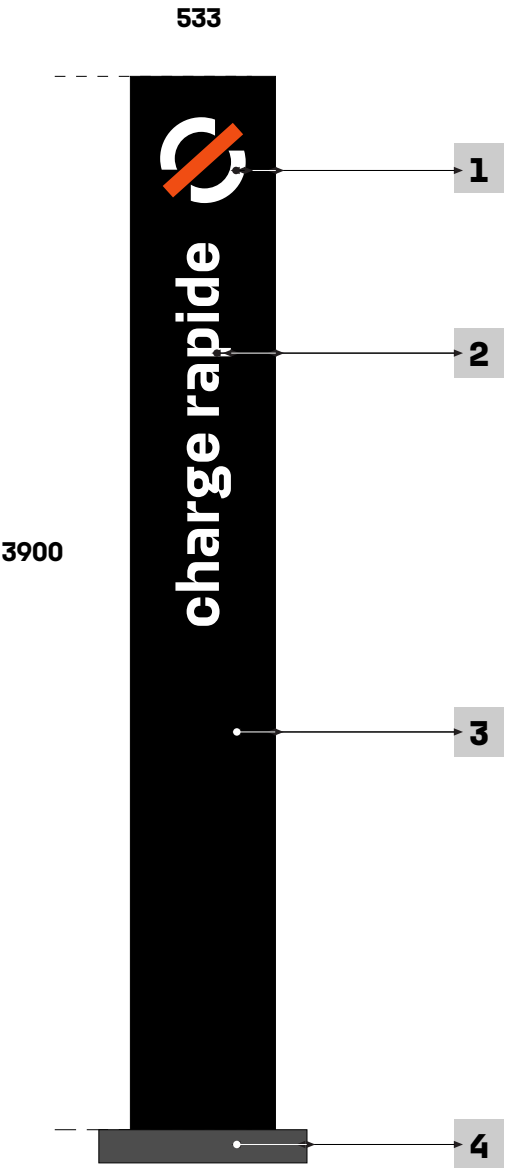
The non-diffusing back face, identical to the front face, is decorated with adhesive.

KEY

- 1 Emblem in 50% diffusing White PMMA and RAL 2004 Orange PMMA or adhesive film, integrated in marquetry flush to the surface
- 2 Texts in 50% diffusing White PMMA or white adhesive, integrated in marquetry flush to the surface. MBLZ Bold typography, lowercase, alignment on top
- 3 Face in aluminium sheet (one piece), RAL 9005 black pre-painted
- 4 Plate concealer in RAL 7021 dark grey pre-painted aluminium sheet



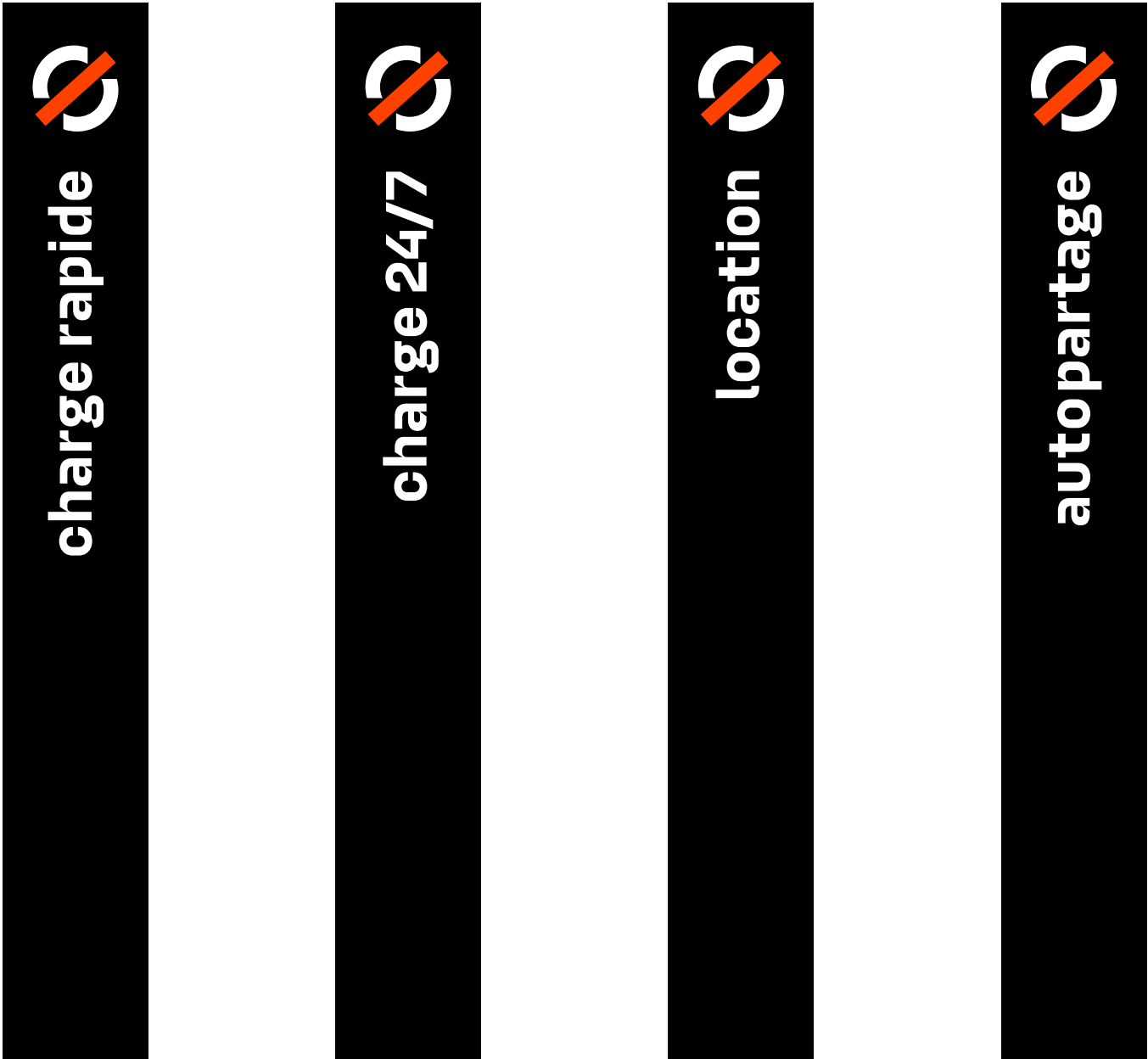
OUTLINES



VISUAL

4000 AREA MASTS
VARIATIONS

PRINCIPLE
Faces can adopt different markings depending on the activity.
The typography and height of the texts are identical.



VISUALS

4000 AREA MASTS

LIGHTING

PRINCIPLE

The area masts can be lit or unlit as required.

Only the front of the area masts is lit.
The lettering is then made of diffusing white PMMA.

The decoration is to be made of marquetry (PMMA flush to the surface) for the service signature.

The unlit rear panel receives an adhesive decoration.

KEY

- 1 Day view
- 2 Night view



1



2

4000 AREA MASTS

ANCHORING

GROUND ATTACHMENT SYSTEM

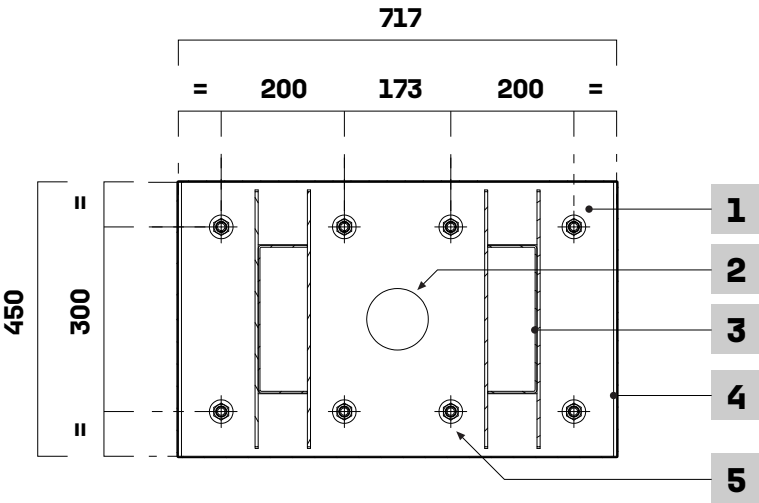
The sign is anchored to the ground via one plate fitted with 4 x M16 anchors.

The attachment plate has a hole drilled at its centre for the routing of the underground power supply.

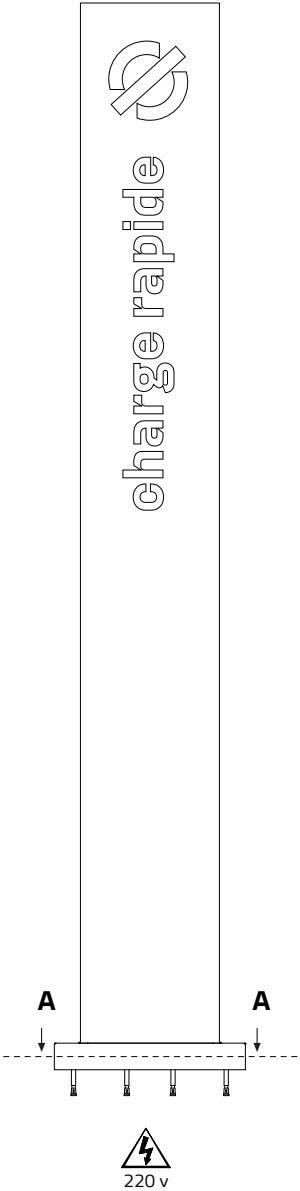
The assembly is covered with an attachment plate concealer allowing access to fastenings in order to facilitate replacement in case of damage.

KEY

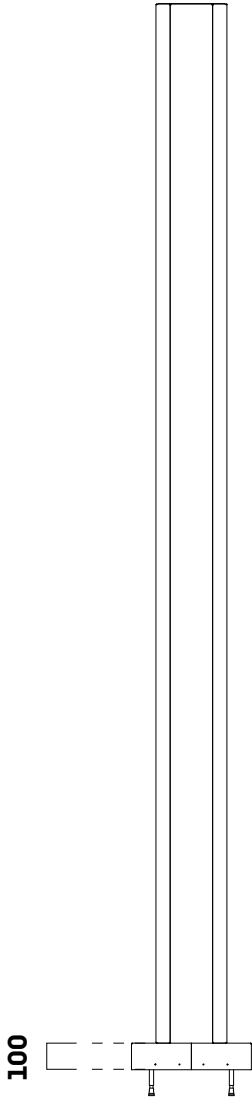
- 1 Aluminium plate
- 2 Drilled hole for power supply routing
- 3 Central aluminium structure
- 4 Aluminium attachment plate concealer
- 5 Steel anchor M16



AA CROSS SECTION



FRONT VIEW



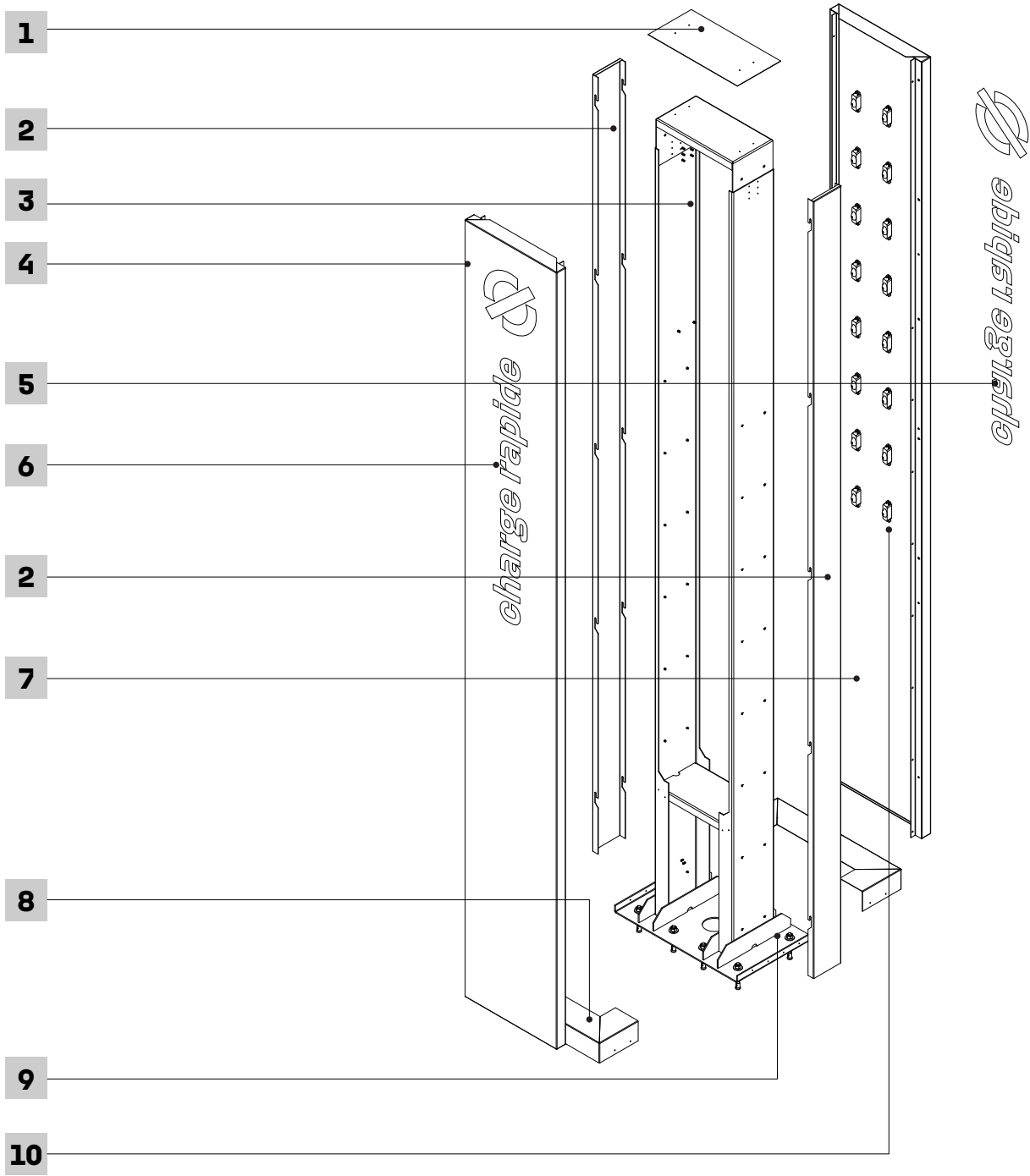
SIDE VIEW

4000 AREA MASTS

EXPLODED VIEW

KEY

- 1 Aluminium cover, same colour as front and rear, RAL 9005 black
- 2 Pre-lacquered aluminium sheet edge, RAL 9005 black
- 3 Unfinished aluminium sheet structure
- 4 Pre-lacquered aluminium sheet front panel with raised edges comprising internal cutaways to avoid light leakage
- 5 Adhesive marking of the back panel
- 6 Lettering in white PMMA
- 7 Rear panel identical to front panel with adhesive markings
- 8 Attachment plate concealer in RAL 7021 grey pre-lacquered aluminium sheet, comprising 2 half-cowlings secured laterally with stainless steel fixing elements
- 9 Unfinished aluminium plate with lateral pleats welded to upright structure and gusset plates
- 10 Chain LED and converter



4000 AREA MASTS

LIGHTING

PERFORMANCES

DESCRIPTION

Illumination of the front and rear by chain LEDs mounted perpendicular to the panels.

The converter is attached to structure so as to be easily accessible.

PERFORMANCES

Chain LED with minimum IP65 protection.

Temperature: 6,500° K Cool White.

Mean luminance: 350 cd/m2 for white sections.

The warranty for all LED lighting systems and parts is 5 years, subject to compliance with conditions of use and maintenance.

Light output reduced by 50% after 50,000 h operation.

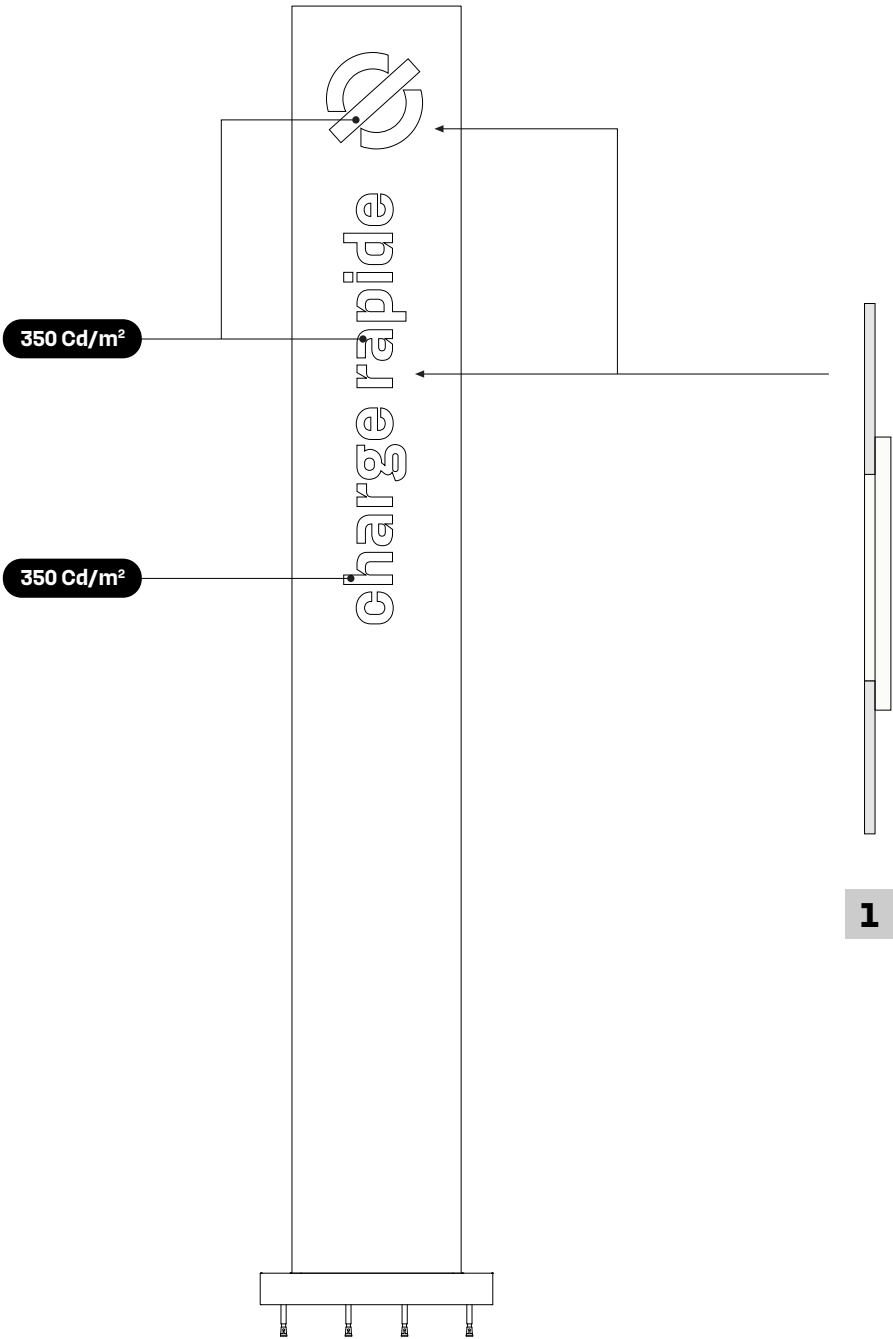
Minimum guaranteed lifetime: 50,000 h

Approximate power: 30 watts.

Supply: 220 volts

12 volt converter with regulated voltage, IP 68 protection.

1 PMMA in marquetry



1

07

DIRECTIONAL SIGNS

DIRECTIONAL SIGNS

PRESENTATION

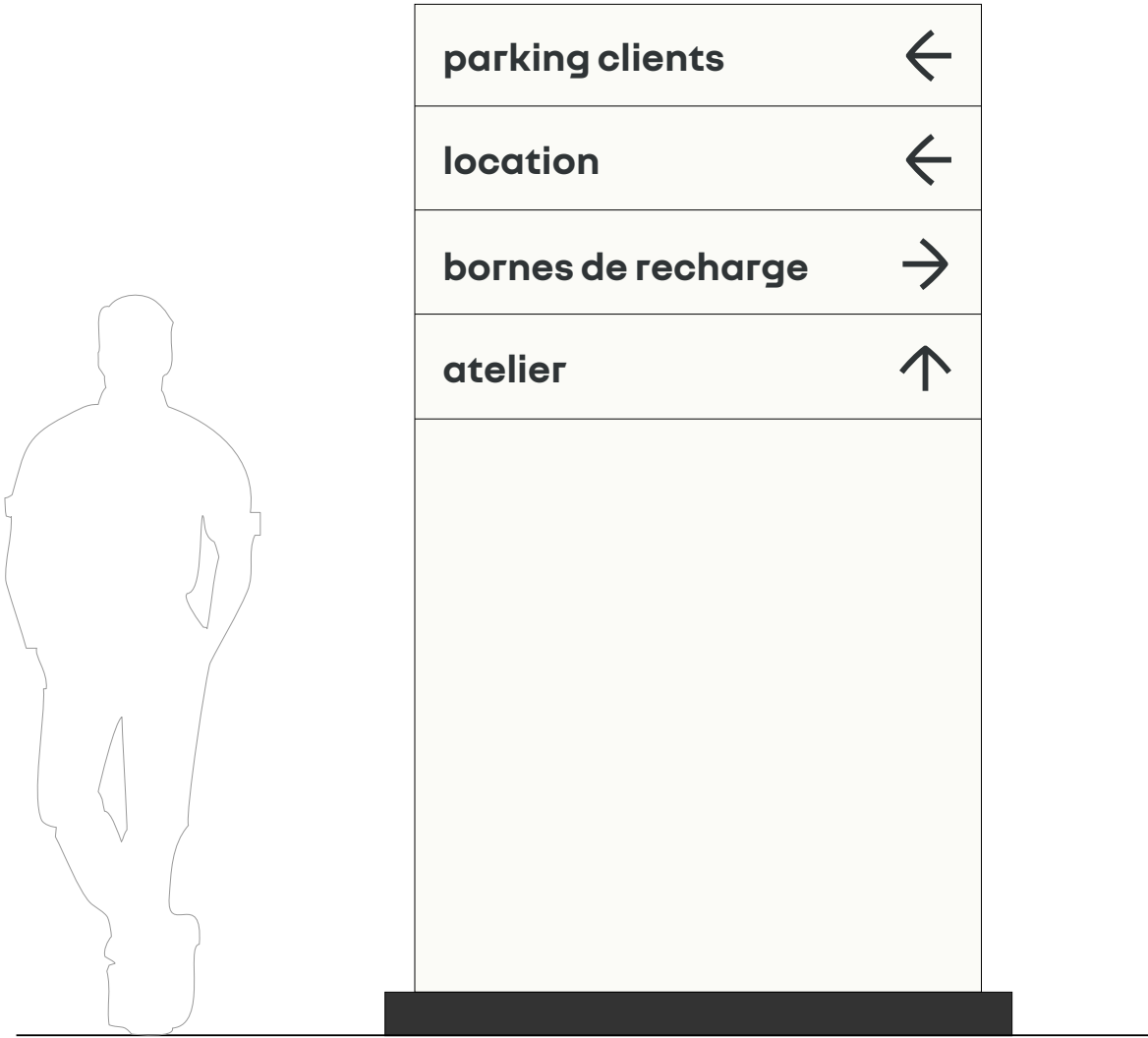
PRINCIPLE

The directional sign is the current element of Renault sites.

The markings are updated to indicate the presence of Mobilize “rental” and “charging stations” services.

Only generic names (rental, charging stations) are used in directional signage.

This recommendation only concerns the French sales network.



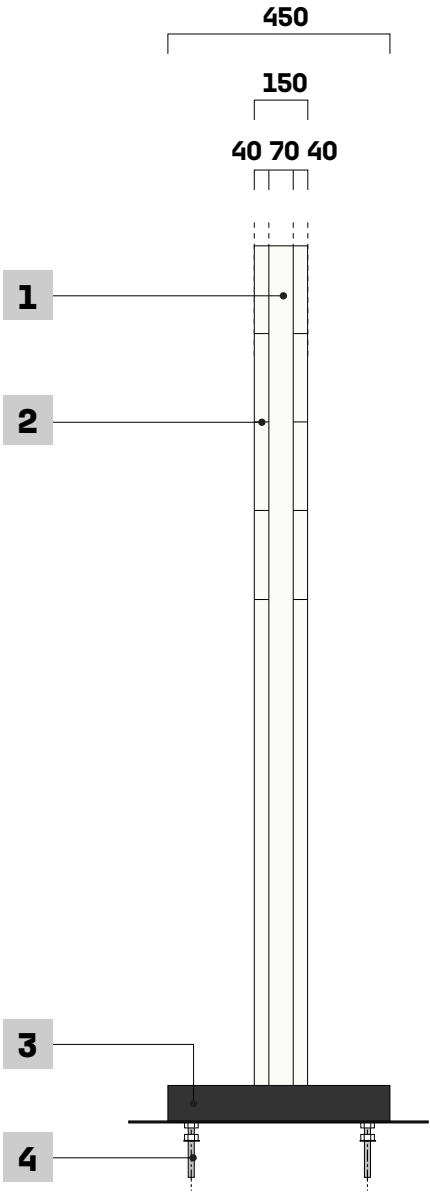
FRONT VIEW

DIRECTIONAL SIGNS

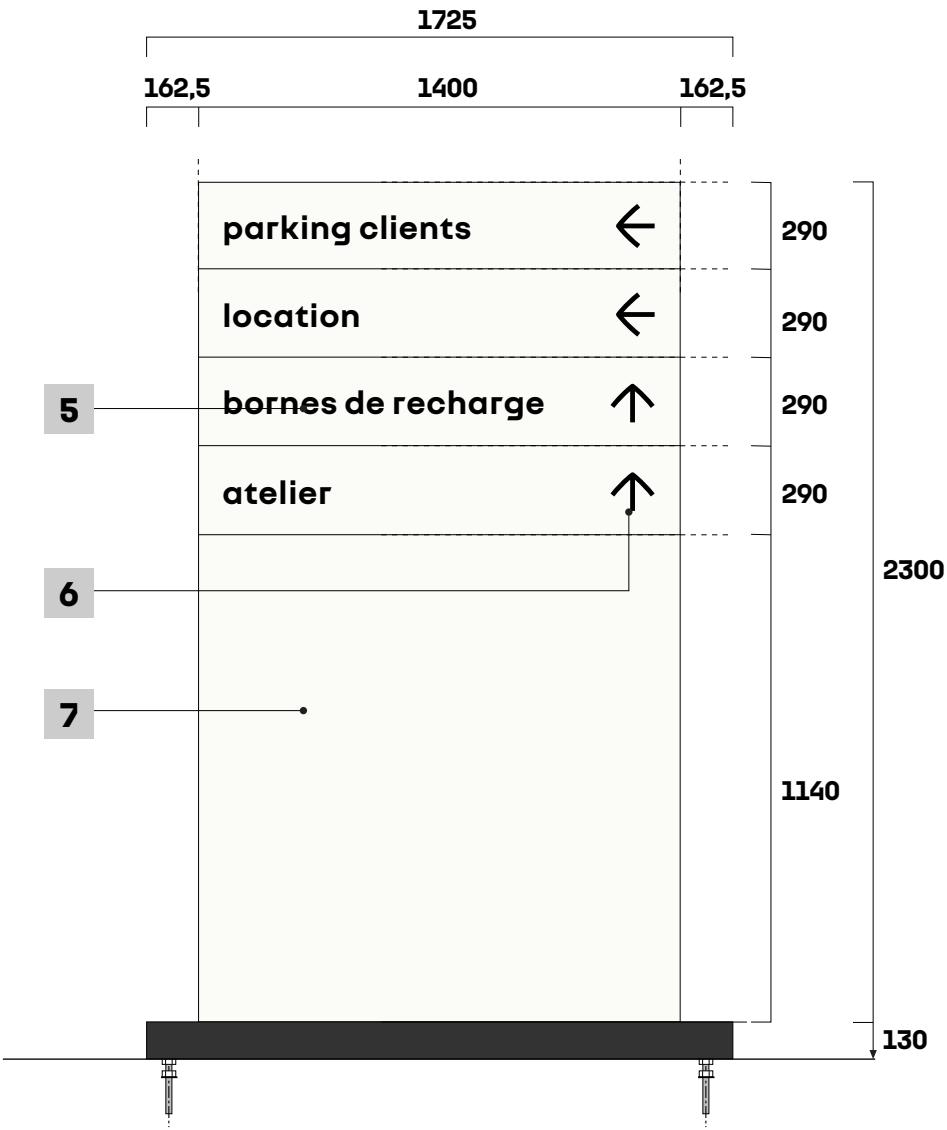
DESCRIPTION

KEY

- 1 Side closure cover, RAL 9010 satin white in pre-lacquered aluminium sheeting, 15/10 mm thick
- 2 Satin or matt black adhesive strip, thk. 4 mm
- 3 Attachment plate concealer, RAL 7021 dark grey in pre-lacquered aluminium sheeting, 15/10 mm thick
- 4 Plates and reinforcements for fixing to ground (set in ground), galvanized for protection
- 5 Texts cut out in pre-laquered aluminium sheet with laminated Black & White PMMA, thk. 3 mm (or adhesive variant)
- 6 Arrows cut out in in pre-laquered aluminium sheet with laminated Black & White PMMA, thk. 3 mm (or adhesive variant)
- 7 Front panel, RAL 9010 satin white in prelacquered aluminium sheeting, 15/10 mm thick



FRONT VIEW

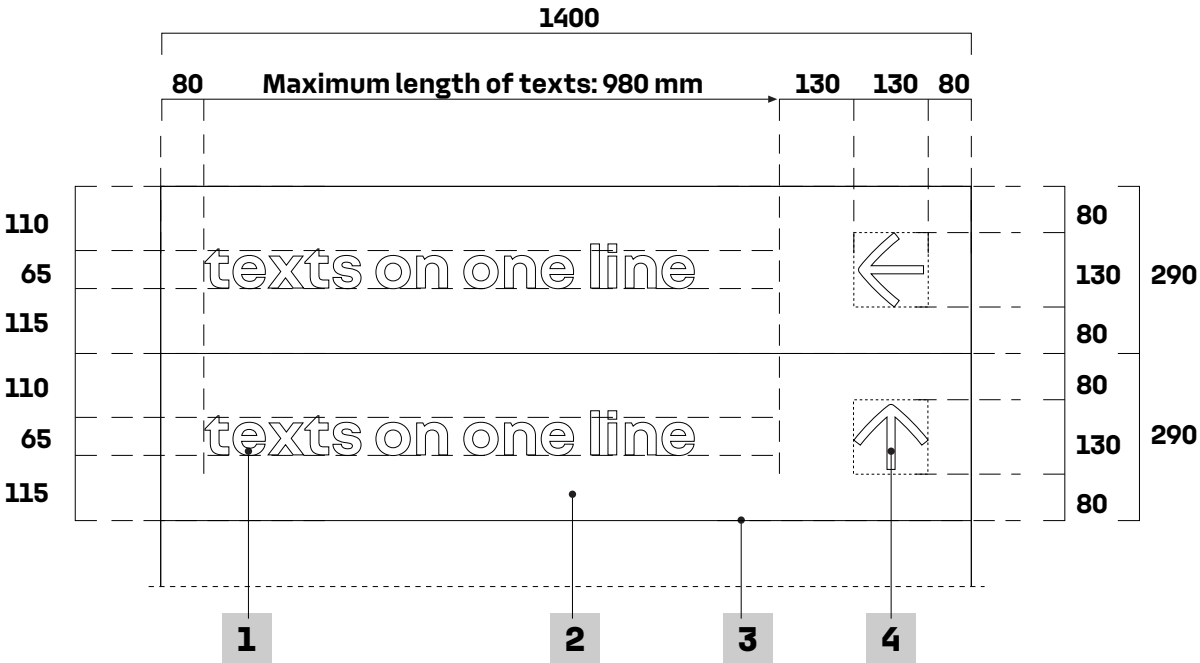


DIRECTIONAL SIGNS

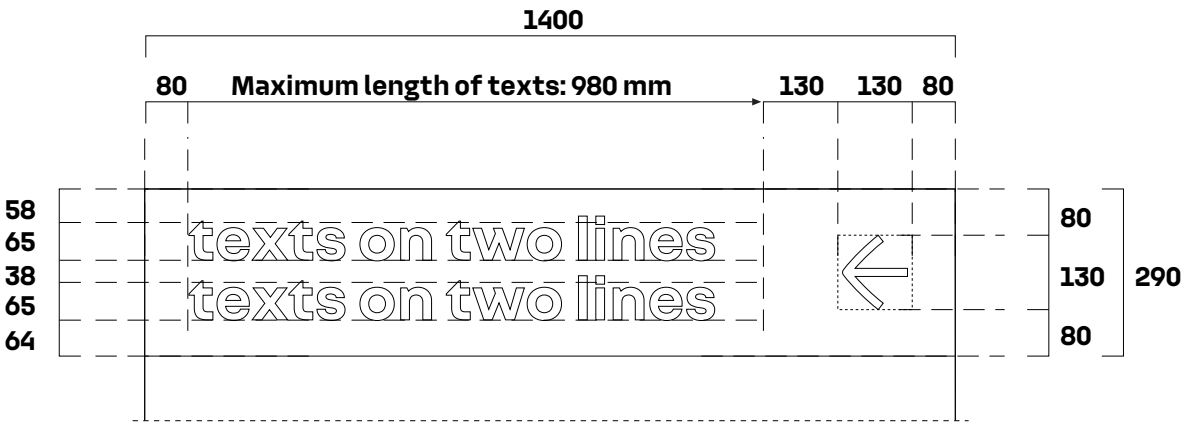
OUTLINES

KEY

- 1 Black lettering, Nouvel'R Bold, left aligned
- 2 White front panel
- 3 Adhesive strip, black, 4 mm thick
- 4 Black arrow



OUTLINES WITH ONE LINE



OUTLINES WITH TWO LINES

06

CAR PARK MARKINGS

CAR PARK MARKINGS

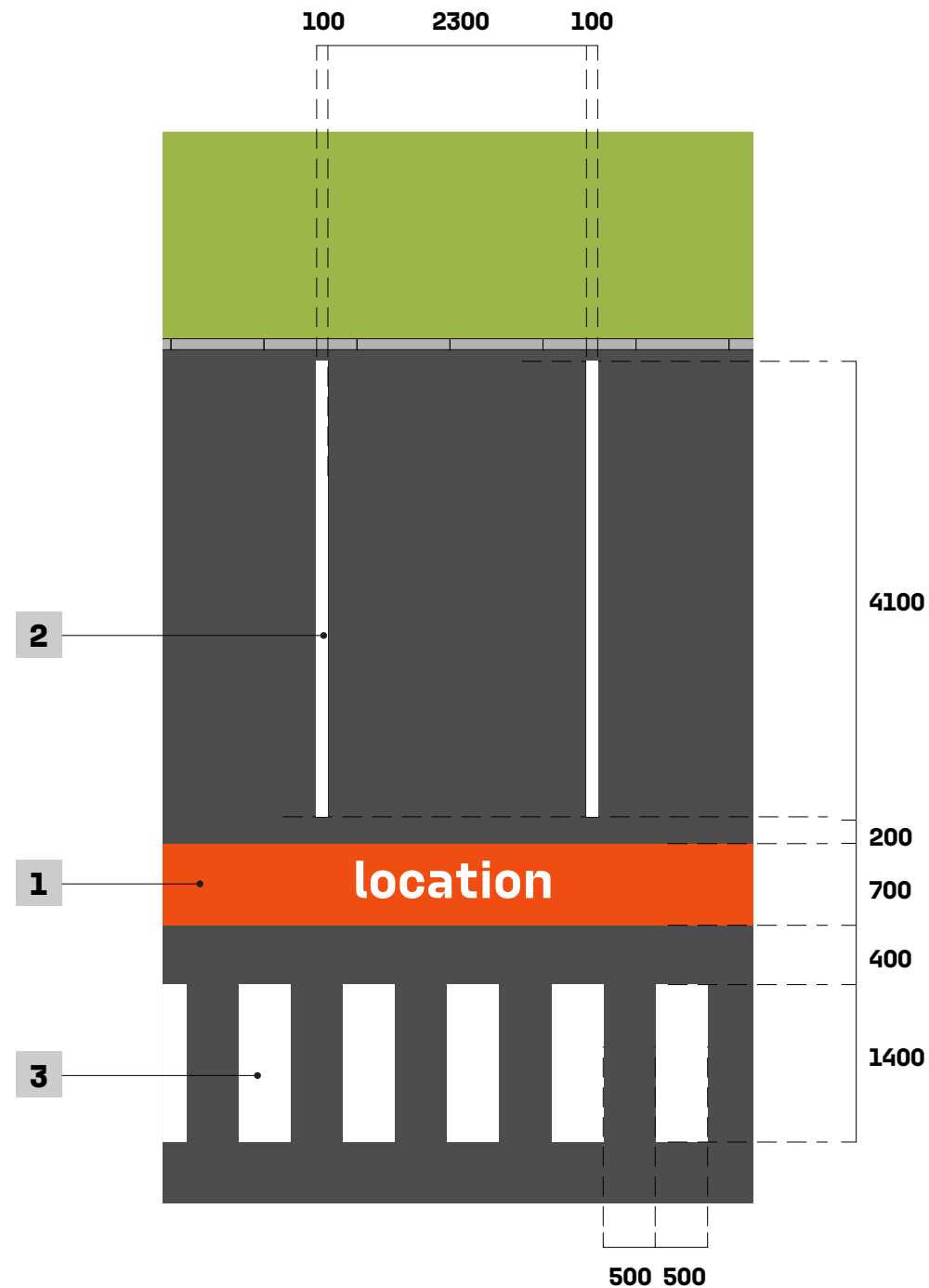
2500 MM SLOTS

existing installations

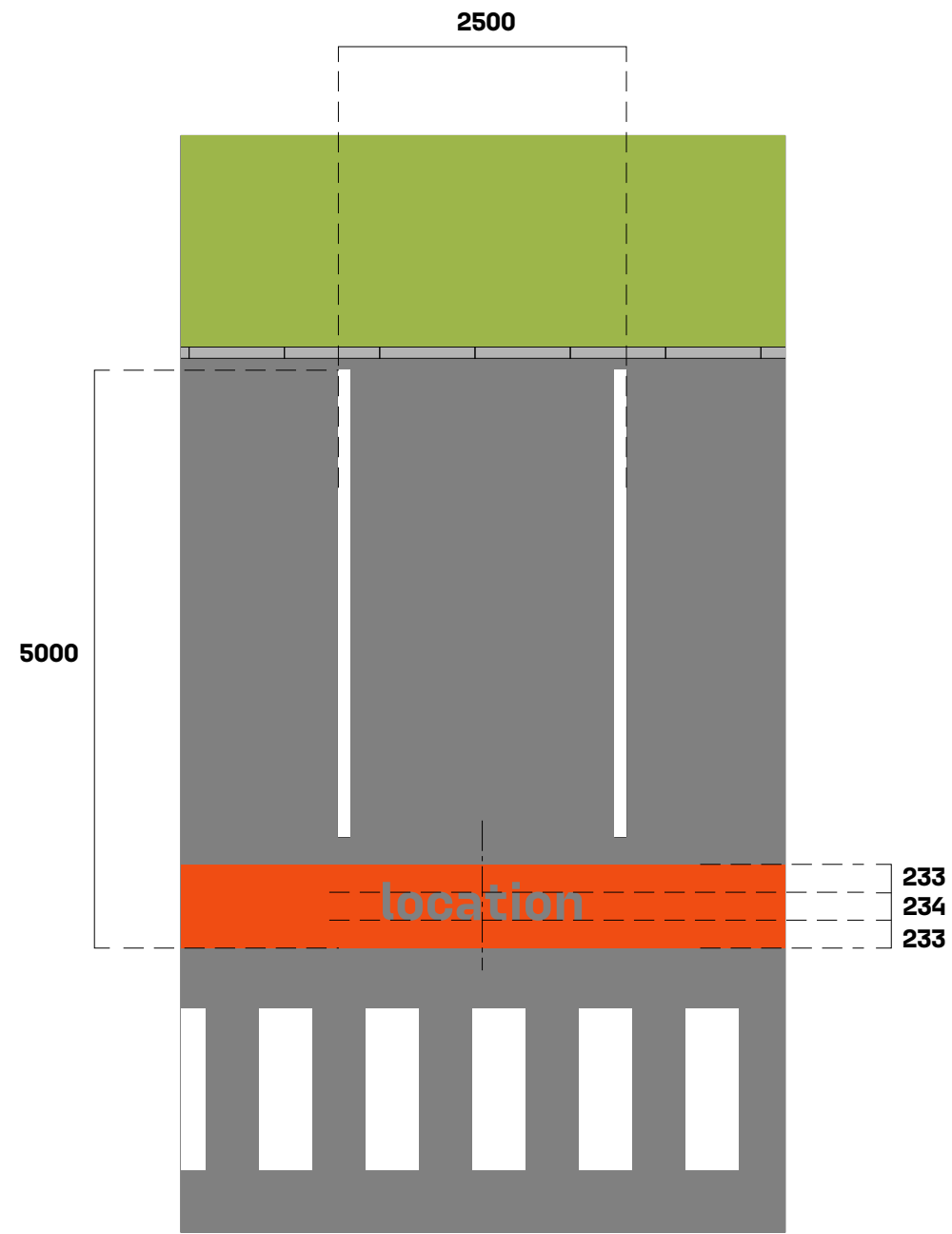
IDENTIFICATION PRINCIPLE
Classic parking slots (highway code standards) are identified by a hatched orange strip painted on the ground.

Dimensions of the slot:
2300 x 5000 mm

- KEY**
- 1 Orange RAL 2004 strip in matt finish with white marking on new asphalt, reserve marking on old asphalt, MBLZ Bold typography, lowercase, centred in the orange strip
 - 2 RAL 9003 white strip in matt finish
 - 3 RAL 9003 matt white pedestrian passage



NEW COATED



OLD COATED

CAR PARK MARKINGS

2800 MM SLOTS

new installations

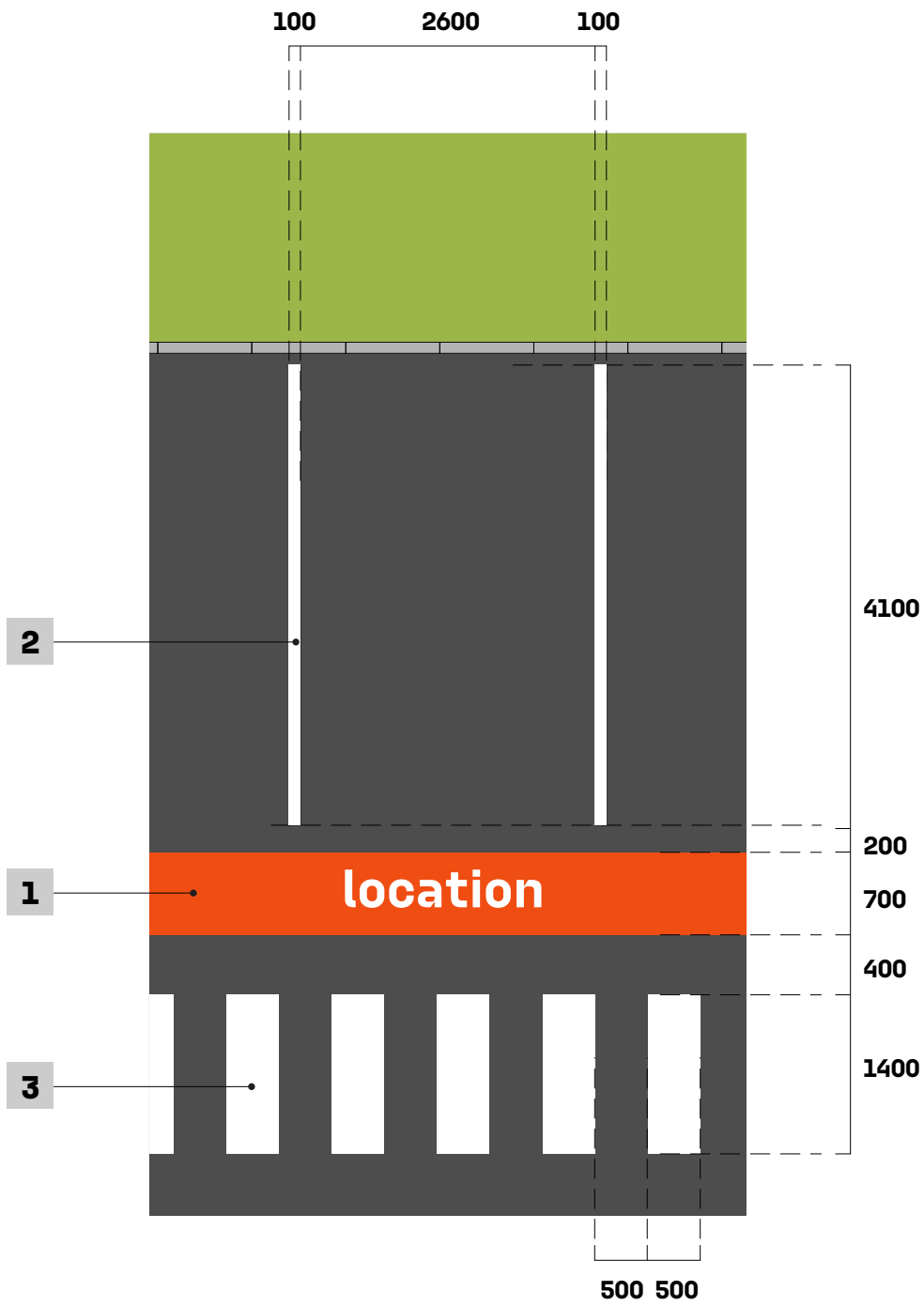
DENTIFICATION PRINCIPLE

When installing a new car park, it is recommended to use oversized spaces in the format of 2600 x 5000 mm.

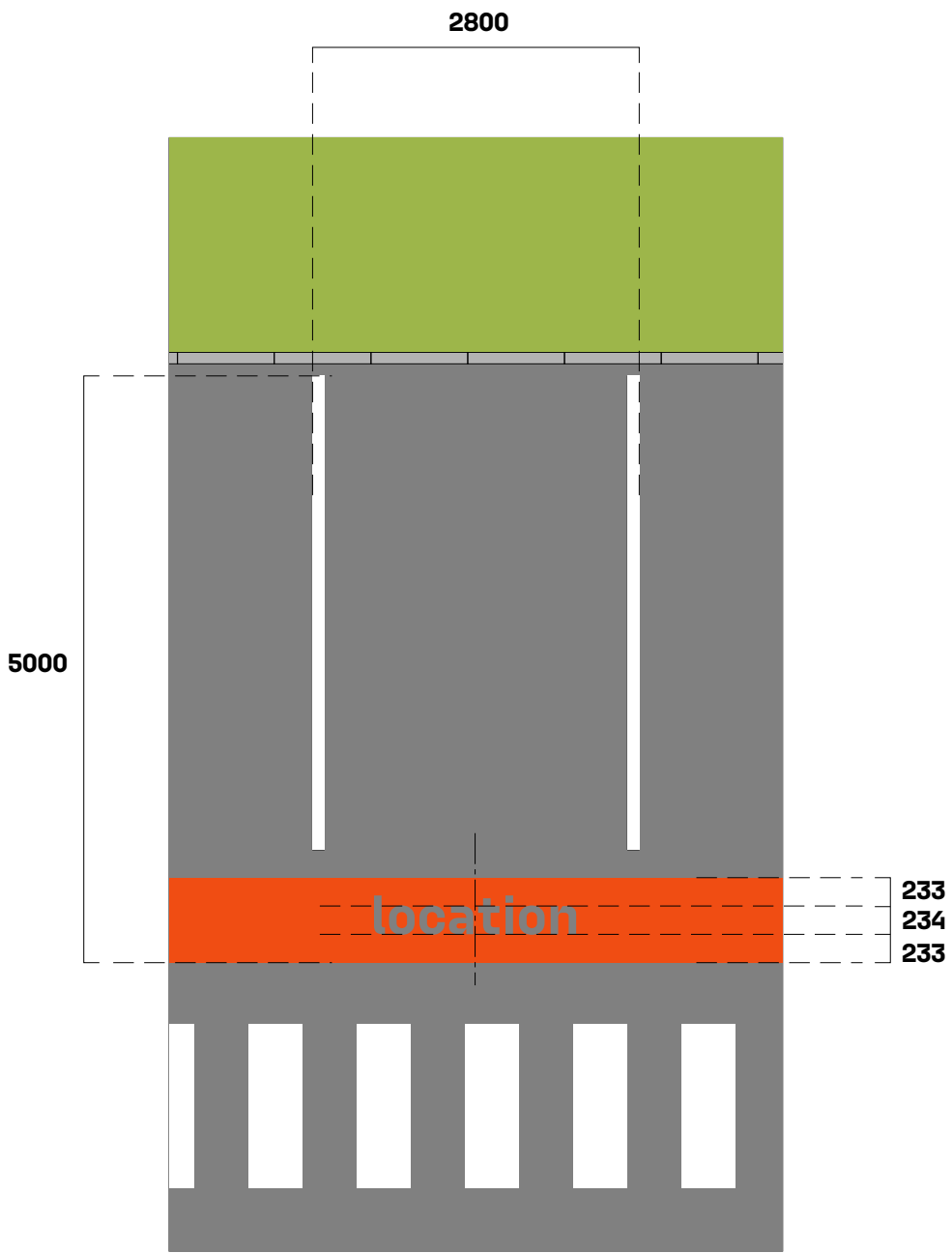
Dimensions of the slot:
2600 x 5000 mm

KEY

- 1 Orange RAL 2004 strip in matt finish with white marking on new asphalt, reserve marking on old asphalt, MBLZ Bold typography, lowercase, centred in the orange strip
- 2 RAL 9003 white strip in matt finish
- 3 RAL 9003 matt white pedestrian passage



NEW COATED



OLD COATED



CAR PARK MARKINGS WITH 22 KW CHARGING STATION

existing installations

IDENTIFICATION PRINCIPLE

A rubber stop treated with anti-UV is fixed to the ground. It has white reflective strips to increase its visibility.

Dimensions: 1830 x 150 x 100 mm

2 steel posts with retroreflective collar protect the charging station.

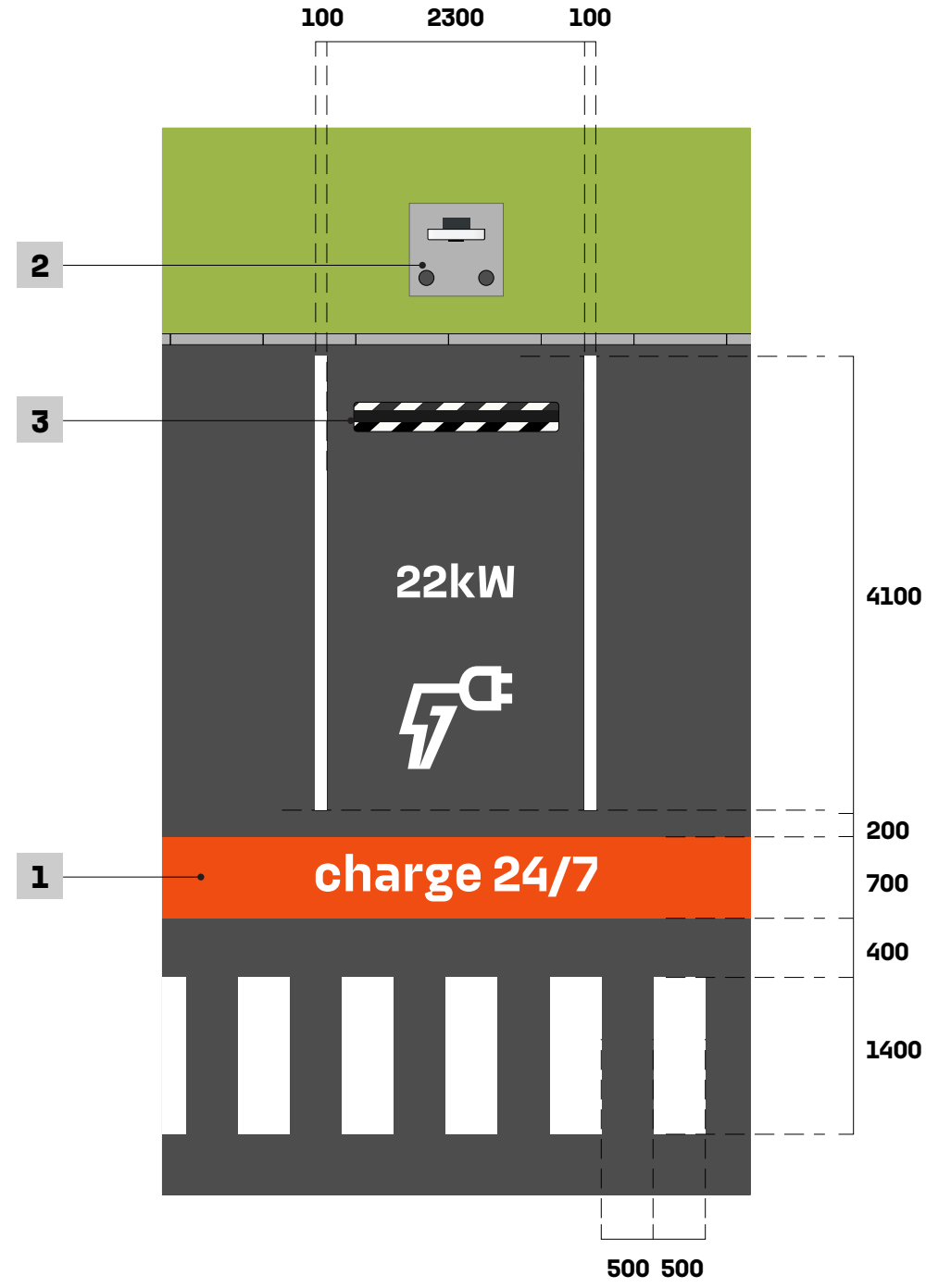
They are taken up on the ground in galvanized steel sleeves sealed in a concrete block with polymer sleeve to facilitate their replacement in the event of damage.

Dimensions: d.76 x h.1000 mm

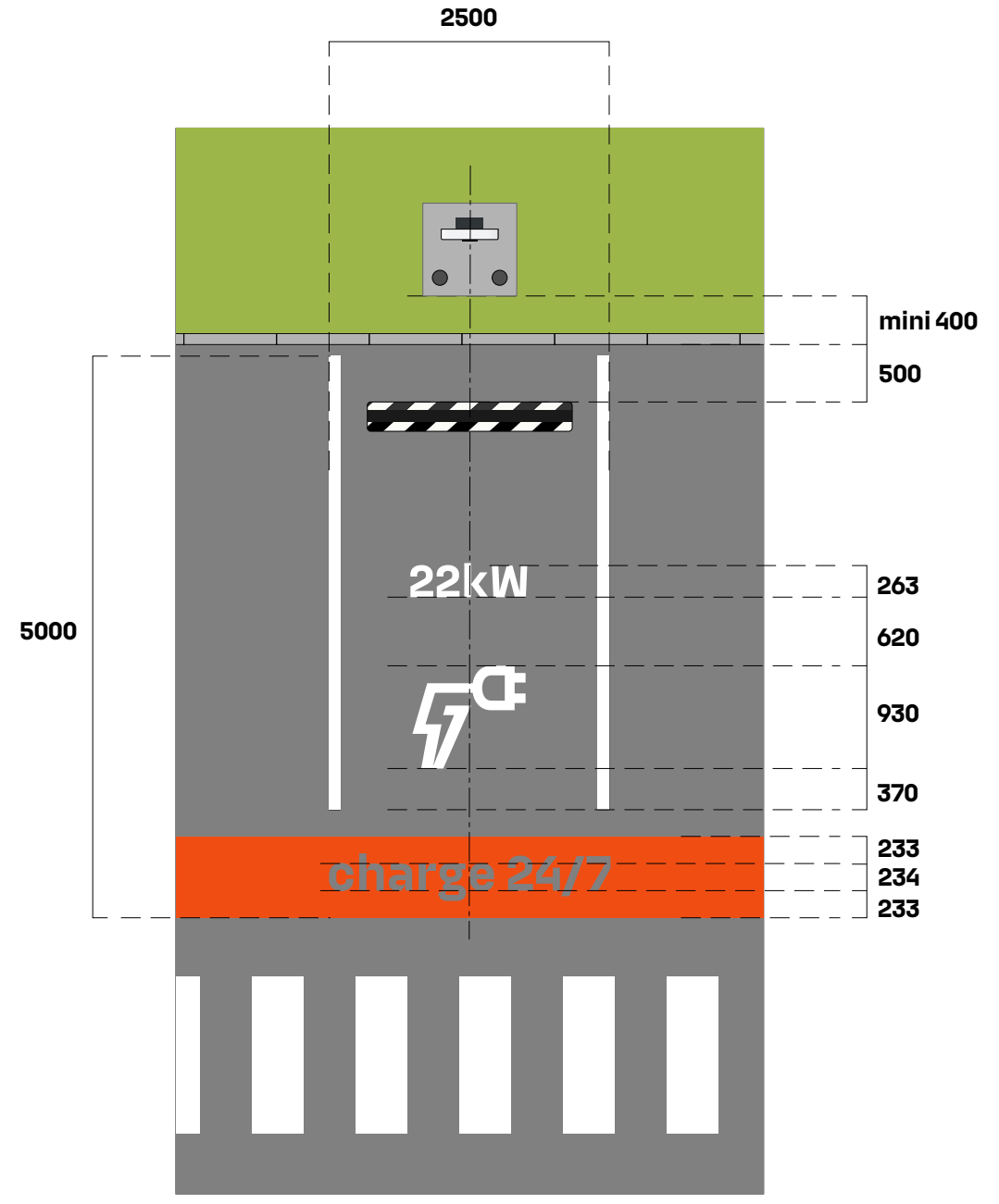
Dimensions of the slot:
2300 x 5000 mm

KEY

- 1 Texts in MBLZ Bold typography, lowercase, centred in the orange strip
- 2 Charging station protected by posts
- 3 Rubber stop
- 4 Pictogram in white
- 5 Wording “22kW” in white MBLZ Bold typography, lowercase, centred between the strips



NEW COATED



OLD COATED



CAR PARK MARKINGS

WITH 22 KW CHARGING STATION

new installations

IDENTIFICATION PRINCIPLE

A rubber stop treated with anti-UV is fixed to the ground. It has white reflective strips to increase its visibility.

Dimensions: 1830 x 150 x 100 mm

2 steel posts with retroreflective collar protect the charging station.

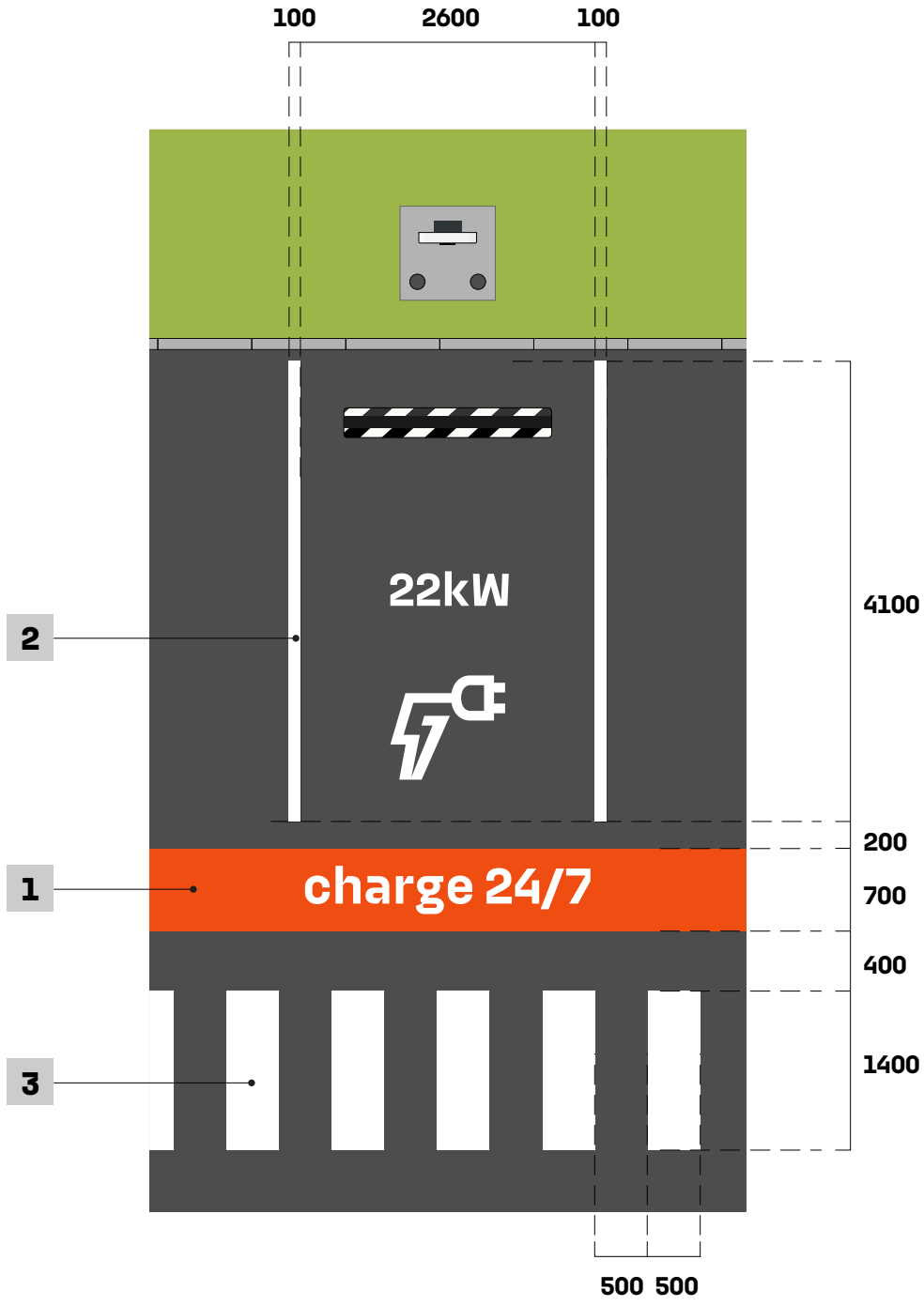
They are taken up on the ground in galvanized steel sleeves sealed in a concrete block with polymer sleeve to facilitate their replacement in the event of damage.

Dimensions: d.76 x h.1000 mm

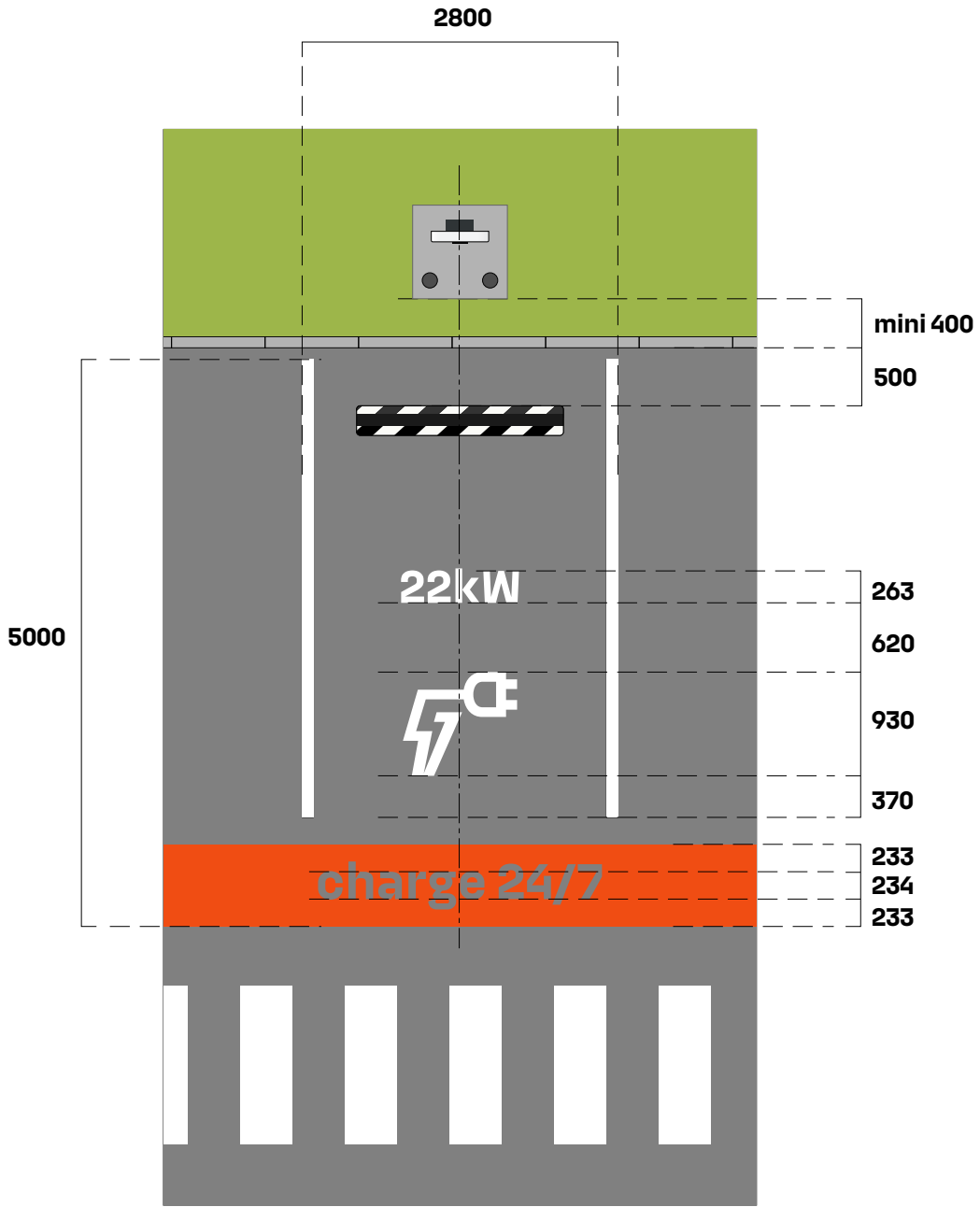
Dimensions of the slot:
2300 x 5000 mm

KEY

- 1 Texts in MBLZ Bold typography, lowercase, centred in the orange strip
- 2 Charging station protected by posts
- 3 Rubber stop
- 4 Pictogram in white
- 5 Wording “22kW” in white MBLZ Bold typography, lowercase, centred between the strips



NEW COATED



OLD COATED



CAR PARK MARKINGS

UV CAR PARK SLOTS

IDENTIFICATION PRINCIPLE

These parking slots can accommodate both private vehicles and commercial vehicles.

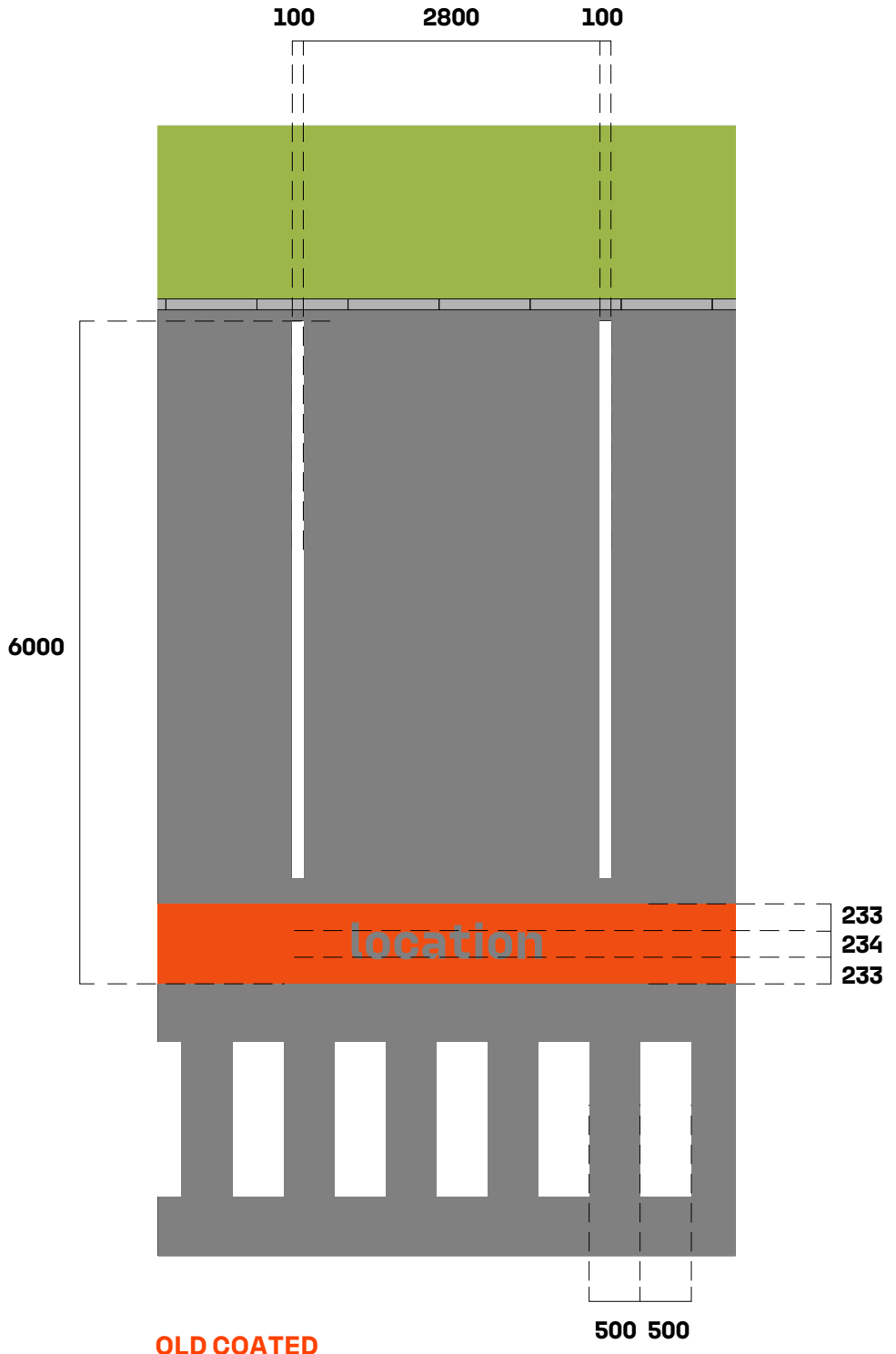
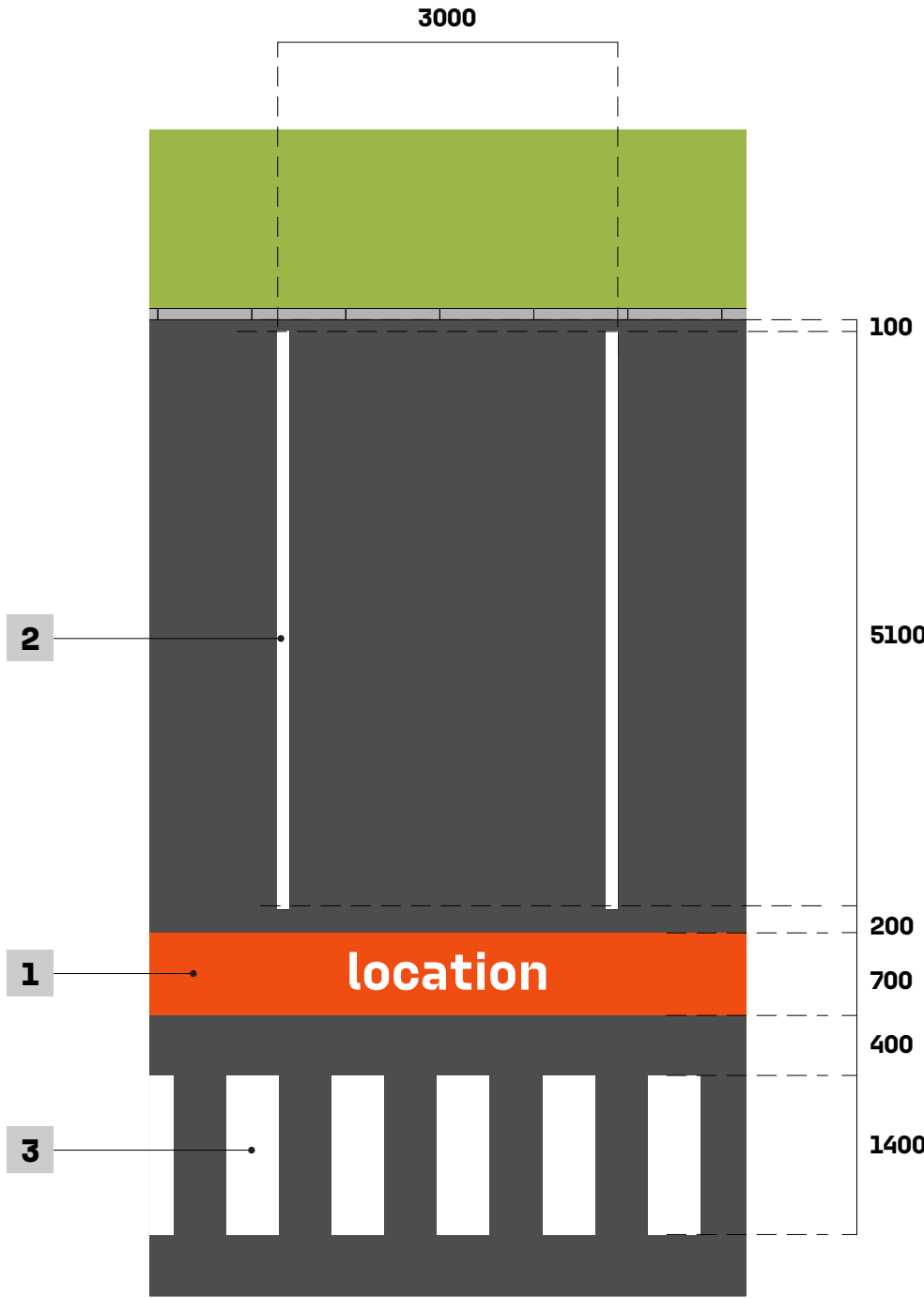
The parking slots are delimited by 100 mm white stripes.

The ground markings are made of two-component epoxy paint.

Dimensions of the slot:
2800 x 6000 mm

KEY

- 1 Orange RAL 2004 strip in matt finish with white marking on new asphalt, reserve marking on old asphalt, MBLZ Bold typography, lowercase, centred in the orange strip
- 2 RAL 9003 white strip in matt finish
- 3 RAL 9003 matt white pedestrian passage



CAR PARK MARKINGS

UV CAR PARK SLOTS

with charging station

IDENTIFICATION PRINCIPLE

A rubber stop treated with anti-UV is fixed to the ground. It has white reflective strips to increase its visibility.

Dimensions: 1830 x 150 x 100 mm

2 steel posts with retroreflective collar protect the charging station.

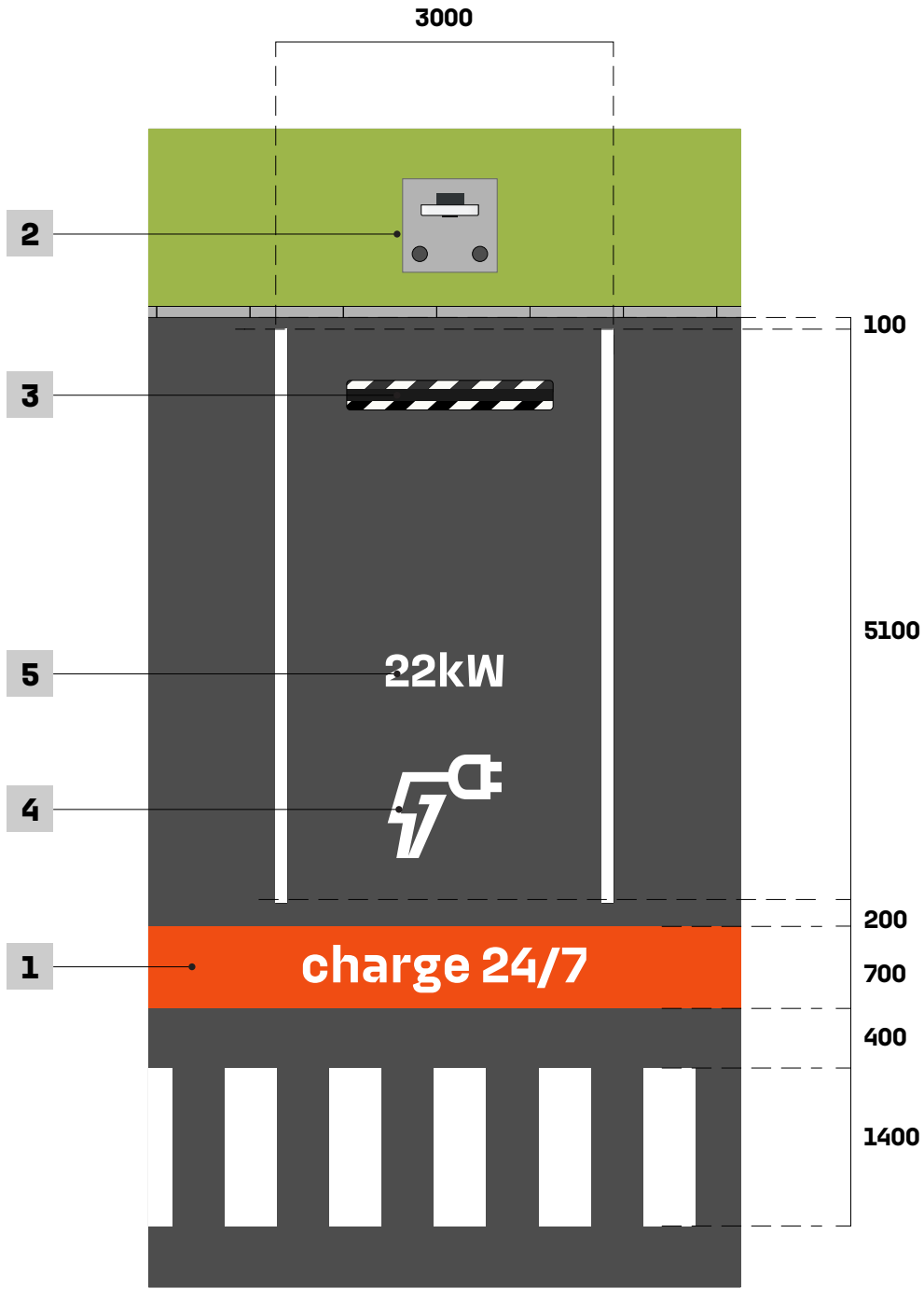
They are taken up on the ground in galvanized steel sleeves sealed in a concrete block with polymer sleeve to facilitate their replacement in the event of damage.

Dimensions: d.76 x h.1000 mm

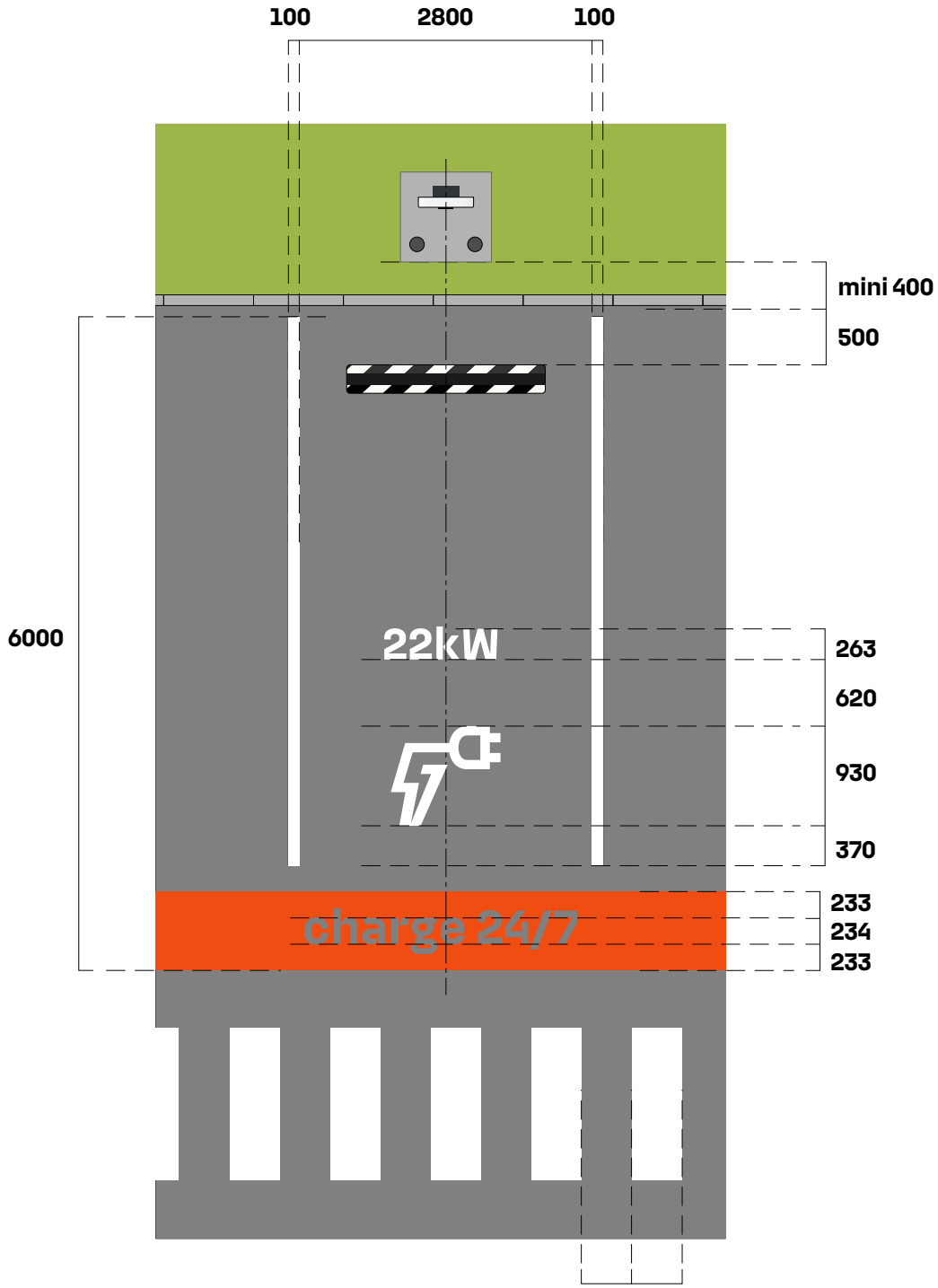
Dimensions of the slot:
2300 x 6000 mm

KEY

- 1 Texts in MBLZ Bold typography, lowercase, centred in the orange strip
- 2 Charging station protected by posts
- 3 Rubber stop
- 4 Pictogram in white
- 5 Wording “22kW” in white MBLZ Bold typography, lowercase, centred between the strips



NEW COATED



OLD COATED

500 500



CAR PARK MARKINGS
COUNTRY ADAPTATIONS

PRINCIPLE
The mention of the activity is translated into the local language.
The typography and height of the texts are identical between the different languages.

- KEY**
- 1 French language
 - 2 Spanish language
 - 3 Italian language
 - 4 Flemish language

location

1

alquiler de vehículos

2

noleggio auto

3

Autoverhuur

4

RENTAL CAR PARK

charge 24/7

1

carga 24/7

2

carica 24/7

3

Laadstation 24/7

4

CAR PARK WITH CHARGING STATION

CAR PARK MARKINGS

PRM CAR PARK

standard layout

IDENTIFICATION PRINCIPLE

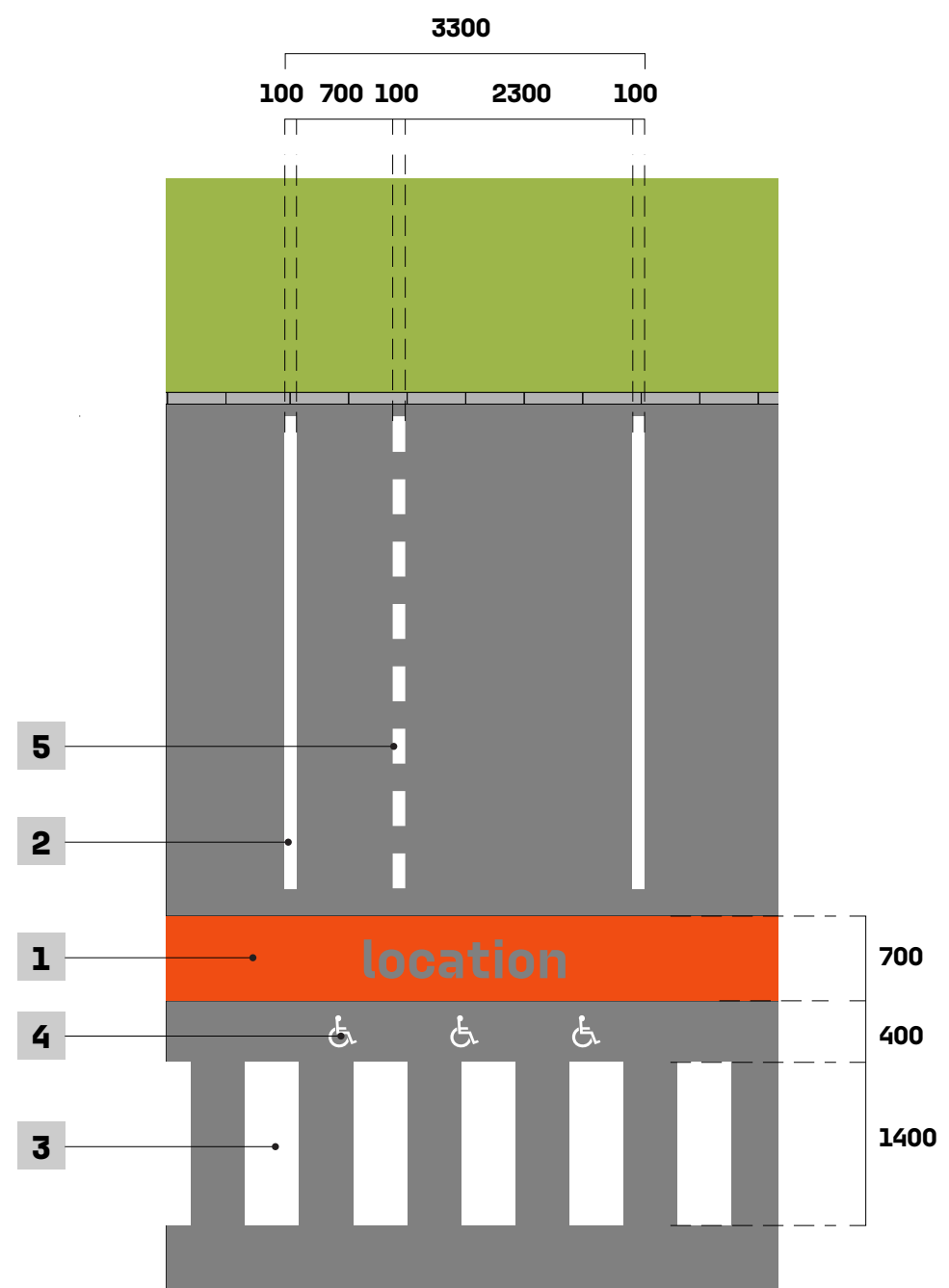
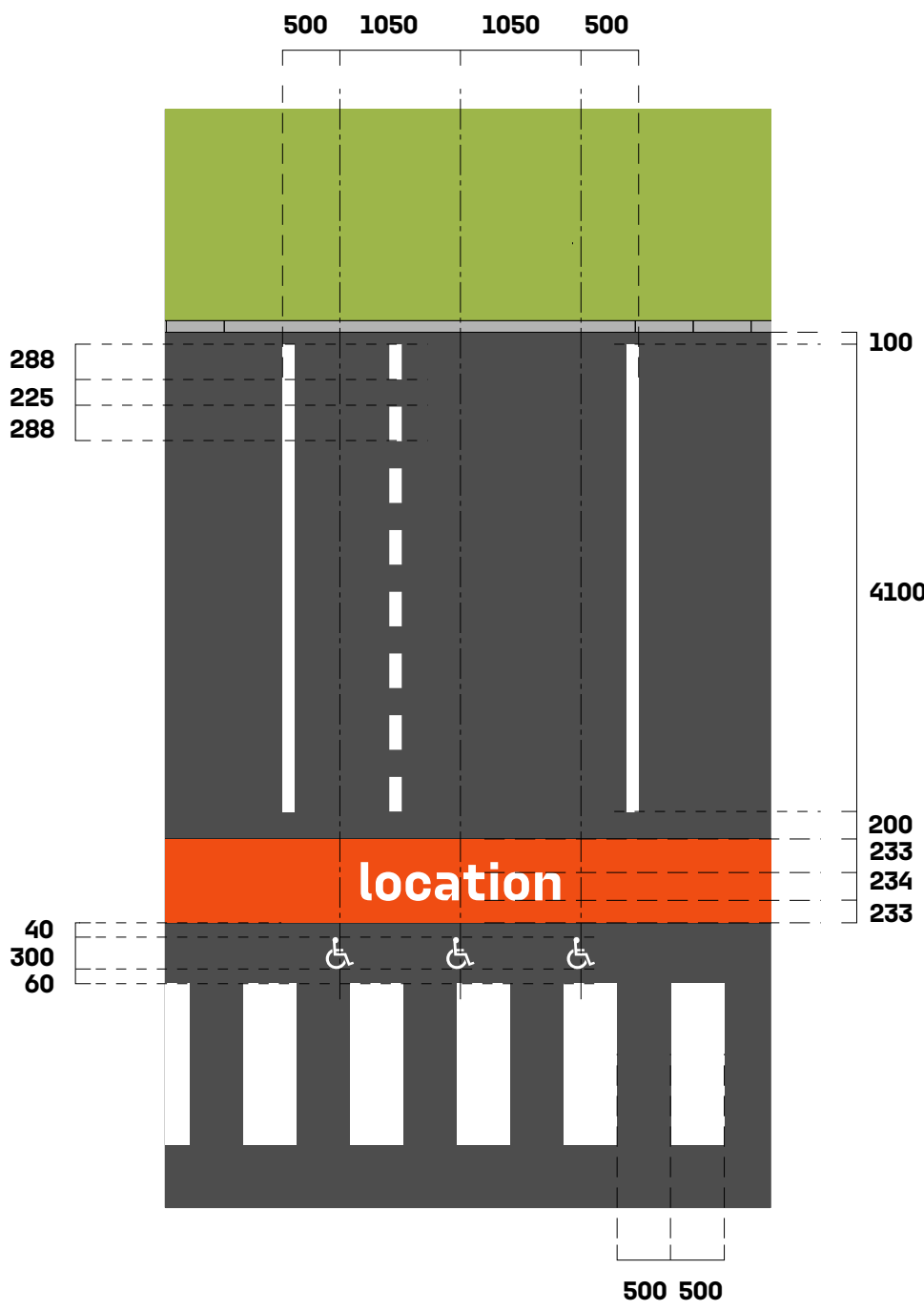
PRM car park slots are 3300 x 5000 mm in size, including a 2500 mm vehicle slot associated with an 800 mm descent zone connected to pedestrian traffic.

They are identified by a white PRM pictogram repeated 3 times.

Dimensions of the slot:
2300 x 5000 mm

KEY

- 1 Orange RAL 2004 strip in matt finish with white marking on new asphalt, reserve marking on old asphalt, MBLZ Bold typography, lowercase, centred in the orange strip
- 2 RAL 9003 White strip in matt finish
- 3 Pedestrian passage RAL 9003 White matt
- 4 Pictogram in white
- 5 Dotted strip, RAL 9003 white in matt finish



CAR PARK MARKINGS

PRM CAR PARK reverse layout

IDENTIFICATION PRINCIPLE

This configuration includes a descent zone positioned to the right of the car park slot.

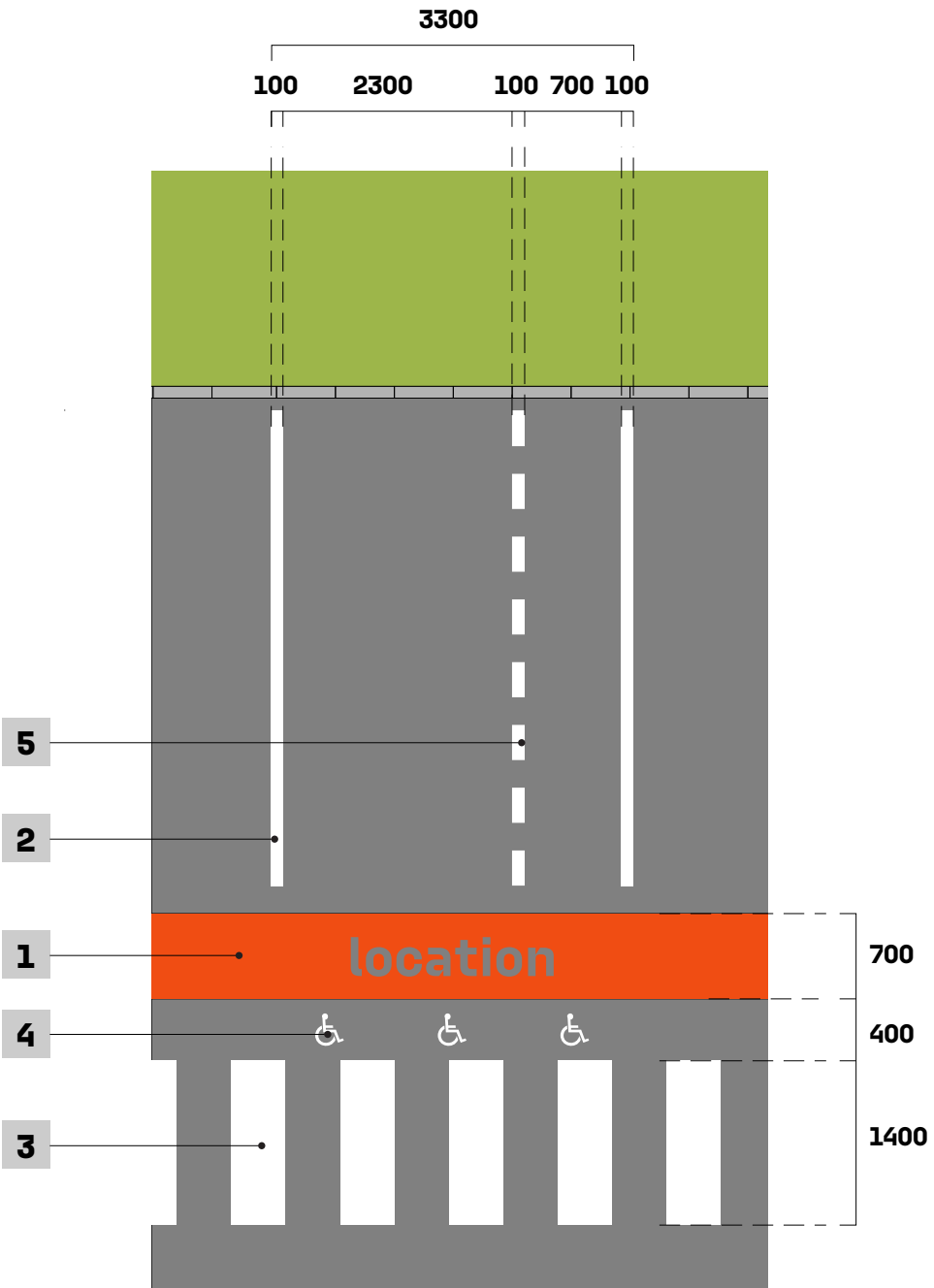
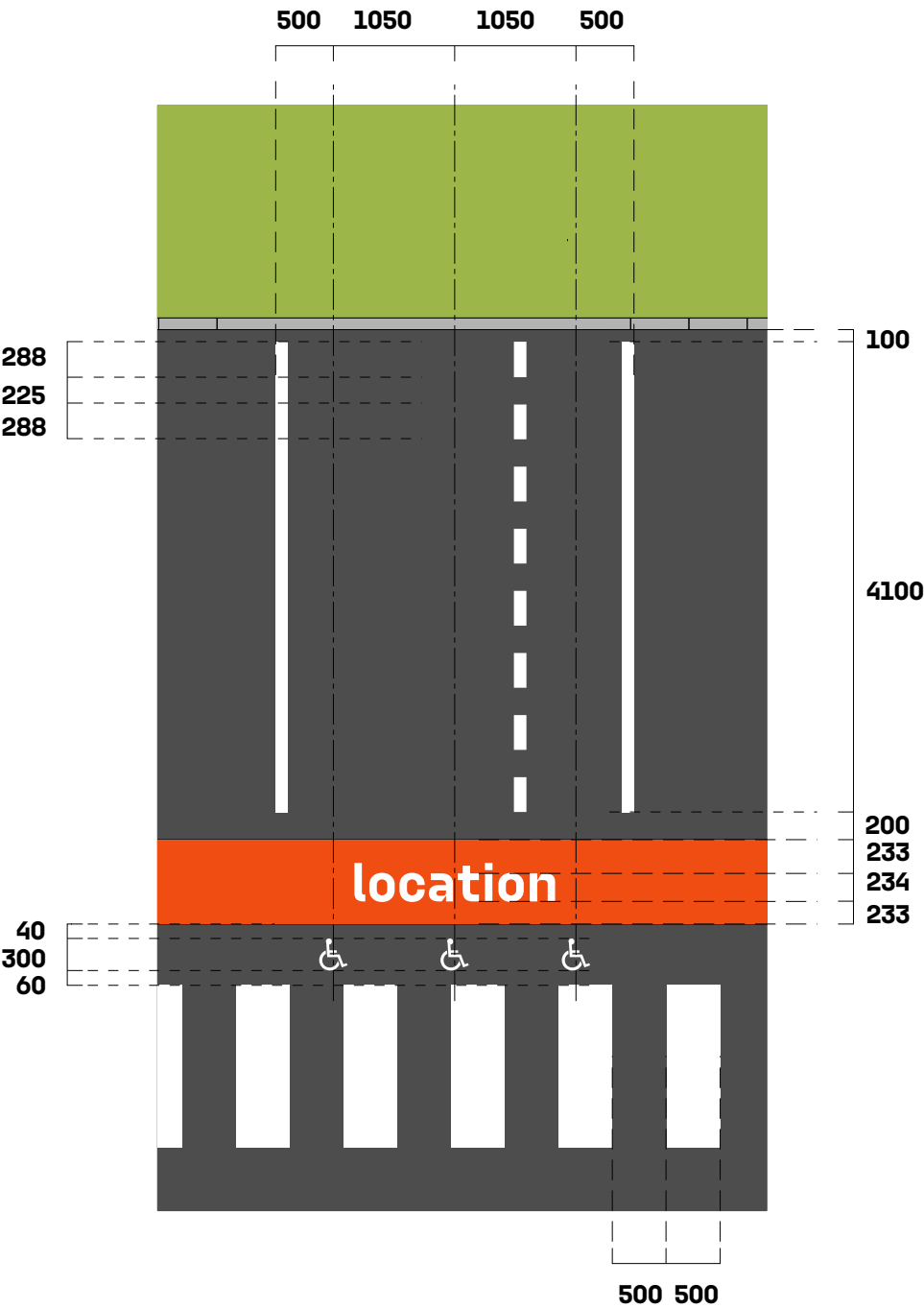
The vehicle parks in reverse, ready to leave, promoting the safety of users of the area.

Identification is carried out according to the same principles as the standard configuration.

Dimensions of the slot:
2300 x 5000 mm

KEY

- 1 Orange RAL 2004 strip in matt finish with white marking on new asphalt, reserve marking on old asphalt, MBL2 Bold typography, lowercase, centred in the orange strip
- 2 RAL 9003 White strip in matt finish
- 3 Pedestrian passage RAL 9003 White matt
- 4 Pictogram in white
- 5 Dotted strip, RAL 9003 white in matt finish



CAR PARK MARKINGS

PRM CAR PARK

with 22 kW charging station

IDENTIFICATION PRINCIPLE

The charging station is implanted on the axis of a concreted part with a surface area of 3300 x 1200 mm.

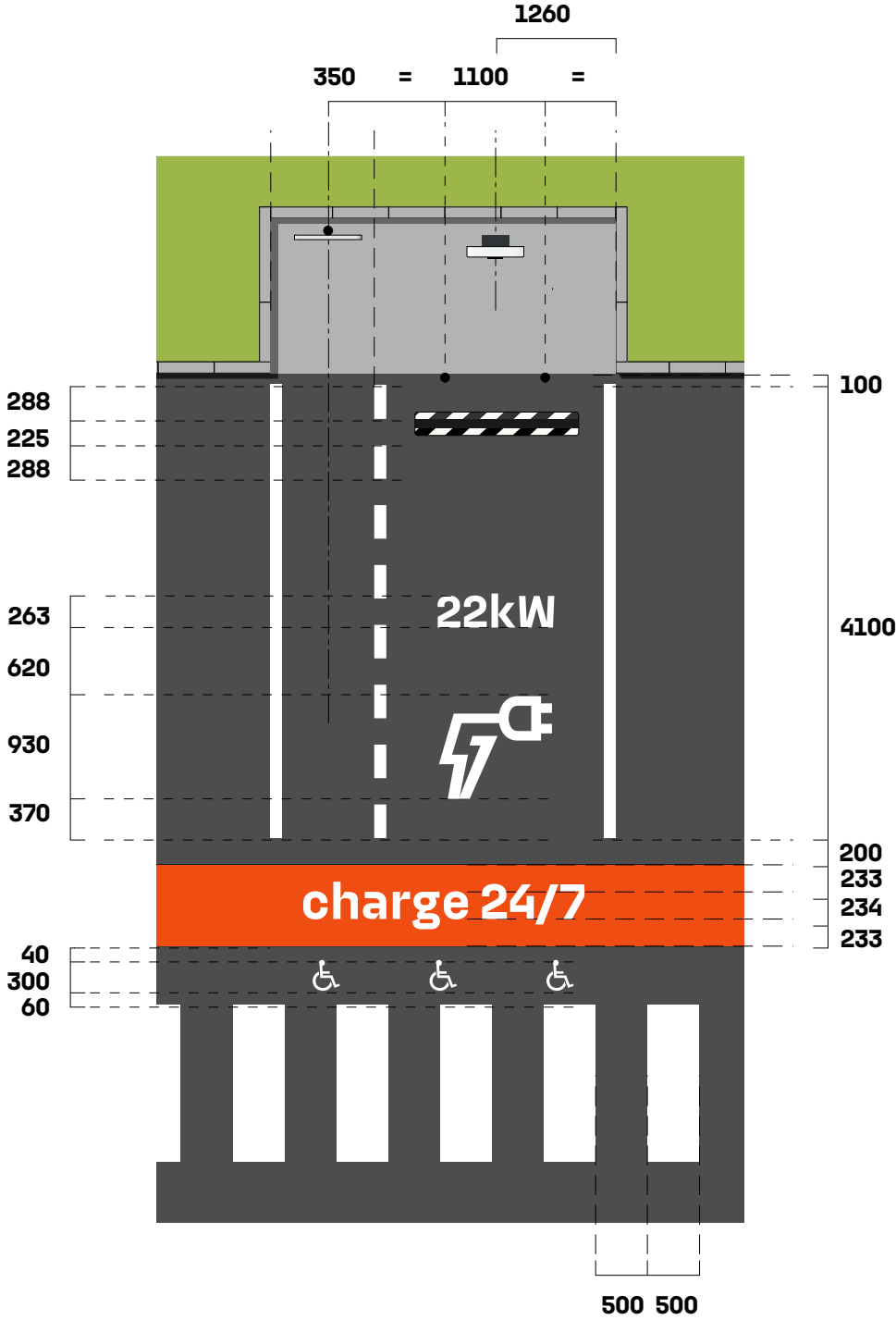
This concreted part is flush with the vehicle parking area in order to facilitate movement without obstacles across the concreted area and the parking area.

The charging station is offset to the rear part in order to provide a possibility of maneuvering the PRM.

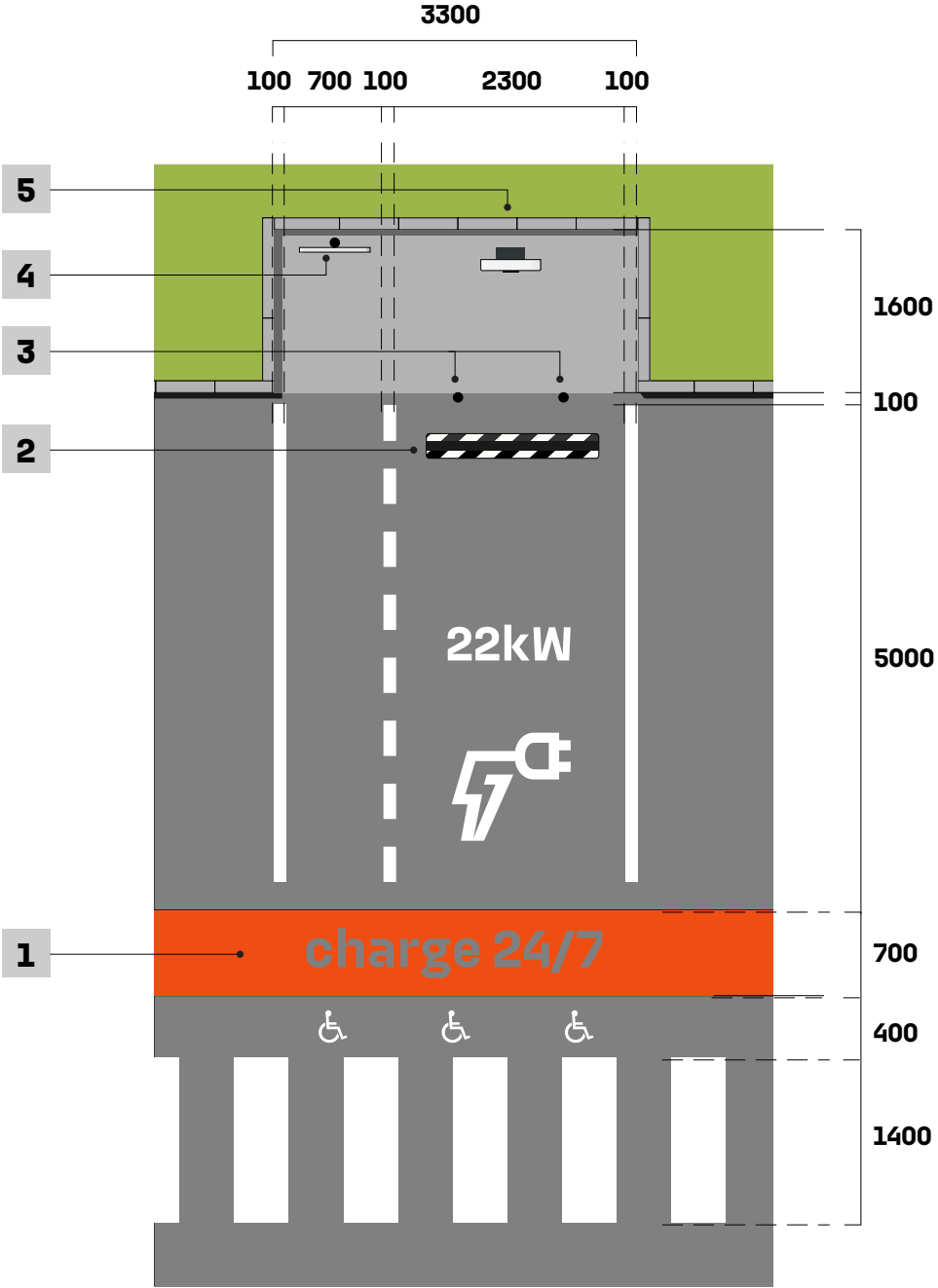
A prescription panel on the use of the area is installed on the axis of the PRM corridor.

KEY

- 1 Orange RAL 2004 strip in matt finish with white marking on new asphalt, reserve marking on old asphalt, MBLZ Bold typography, lowercase, centred in the orange strip
- 2 Rubber stop
- 3 Protective posts
- 4 Prescription panel
- 5 Charging station



NEW COATED



OLD COATED

07

CHARGING STATIONS MARKINGS

CHARGING STATIONS IDENTIFICATION

GENERIC PRINCIPLES

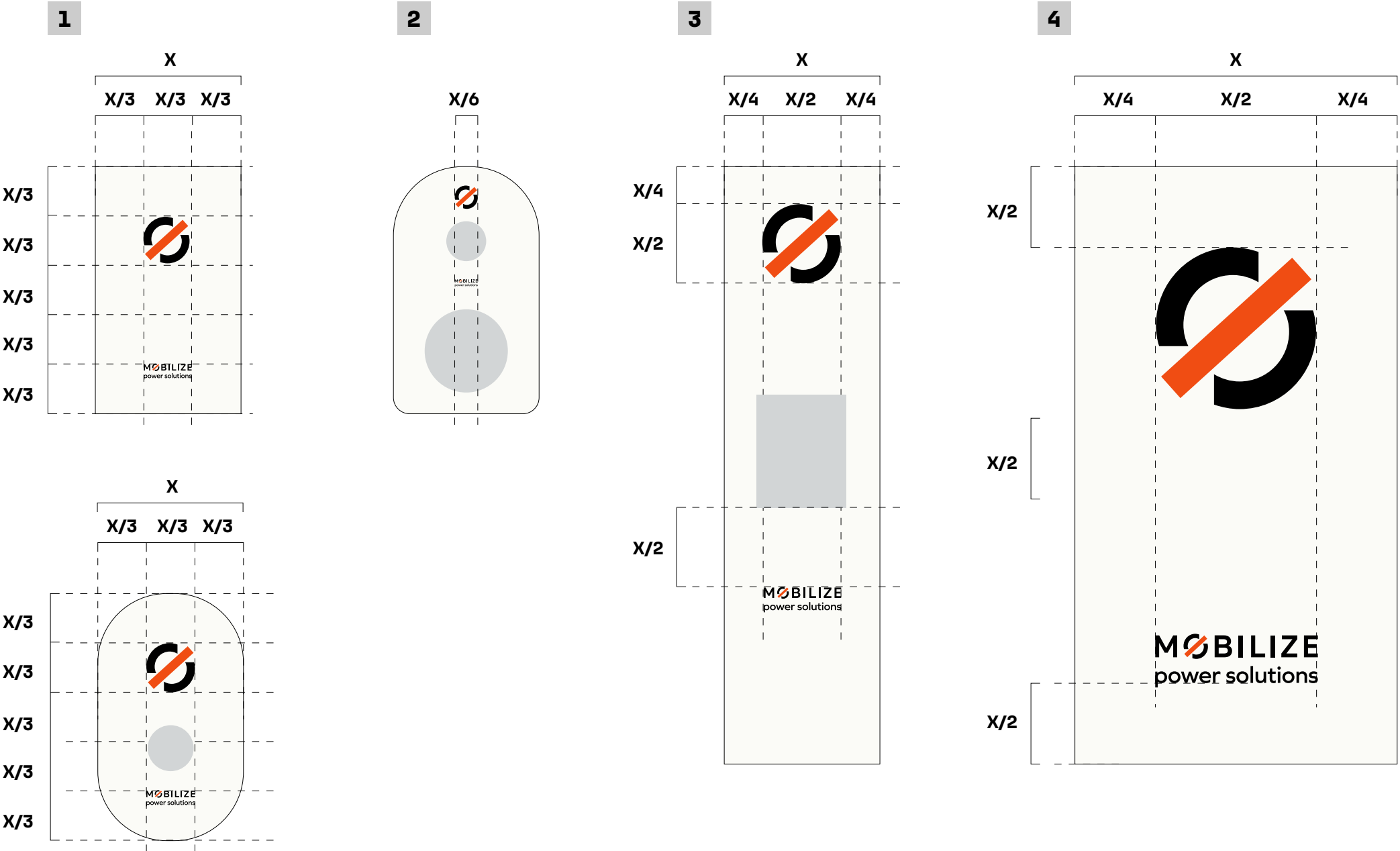
PRINCIPLE

Charging stations not marketed by Mobilize can be identified by markings according to the following principles:

- Dominant white background,
- Identification by the Mobilize emblem and the Mobilize power solutions signature,
- Emblem in the upper part and signature in the lower part of the same width.

DESCRIPTION

- 1 Medium sizes**
Protection zone of $\frac{1}{3}$ of an X around the emblem
- 2 Complex shape**
Sizes adapted on a case-by-case basis
- 3 High shape**
Protection zone of $\frac{1}{2}$ of an X around the emblem
- 4 Wide shape**
Protection zone of $\frac{1}{2}$ of an X around the emblem



22 KW POWERBOX CHARGING STATIONS

GENERIC VIEW

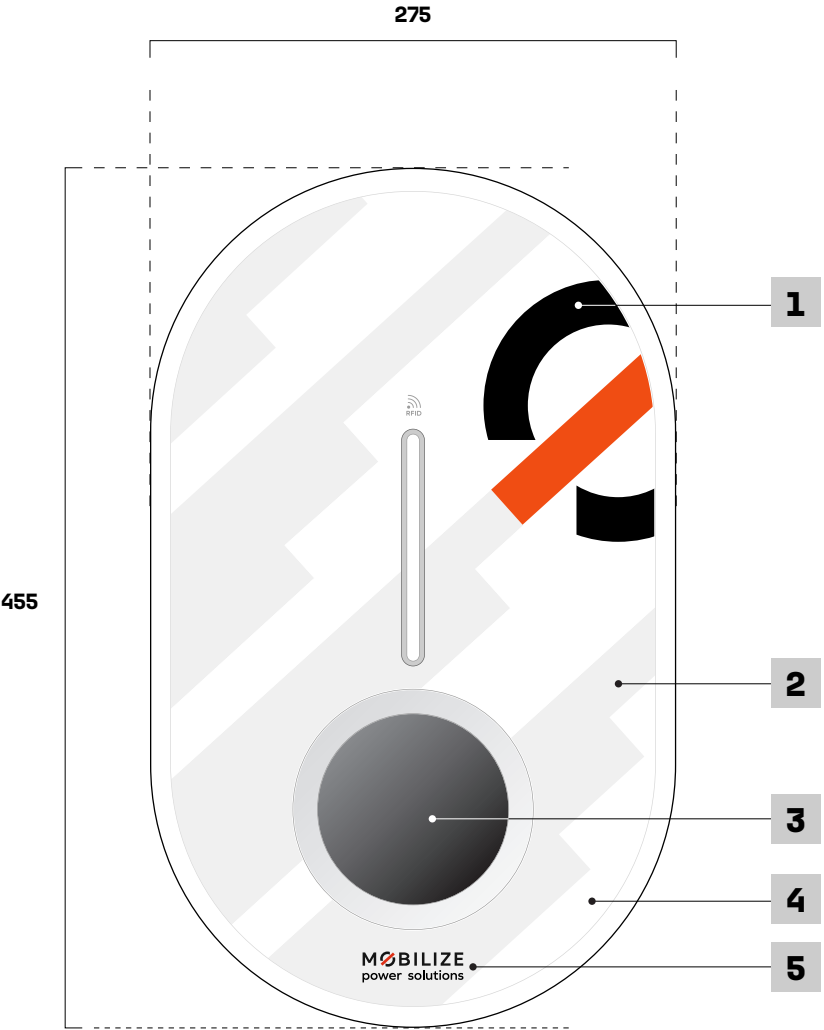
PRINCIPLE

The front panel decoration is made in the factory during the manufacturing of the terminal.

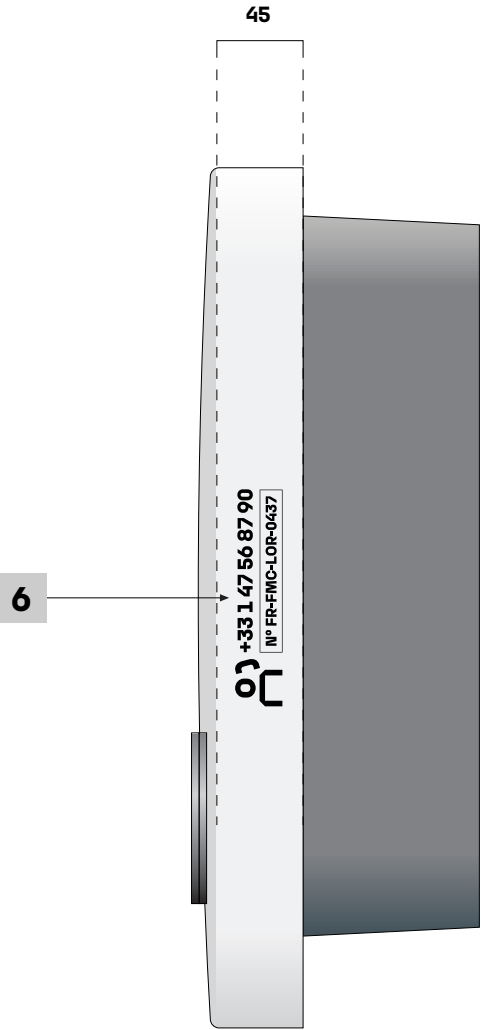
The QR code, the terminal identification code and the power indication are made of adhesive.

DESCRIPTION

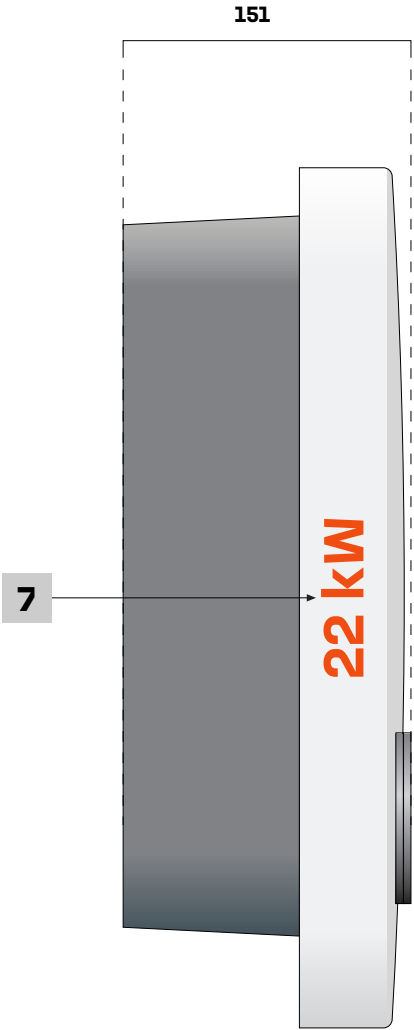
- 1 Mobilize emblem
- 2 Identity frame made by graining the surface
- 3 Access flap to the charging socket
- 4 White background of the front panel
- 5 Complete Mobilize power solutions signature in vertical construction
- 6 Terminal identification code and hotline number
- 7 Power indication



FRONT VIEW



RIGHT VIEW



LEFT VIEW

22 KW POWERBOX CHARGING STATIONS

MOBILIZE SIGNATURE

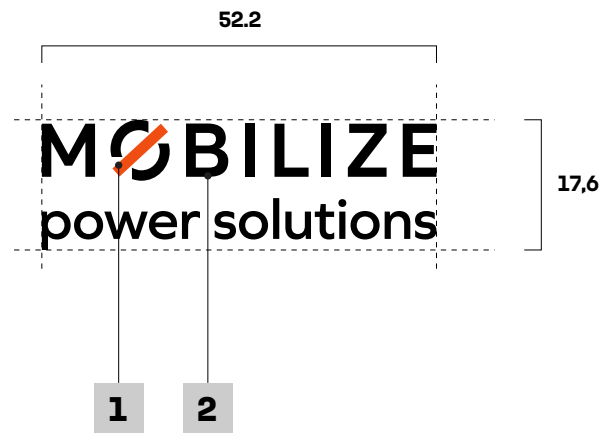
LAYOUT PRINCIPLE

The Mobilize power solutions signature is implanted:

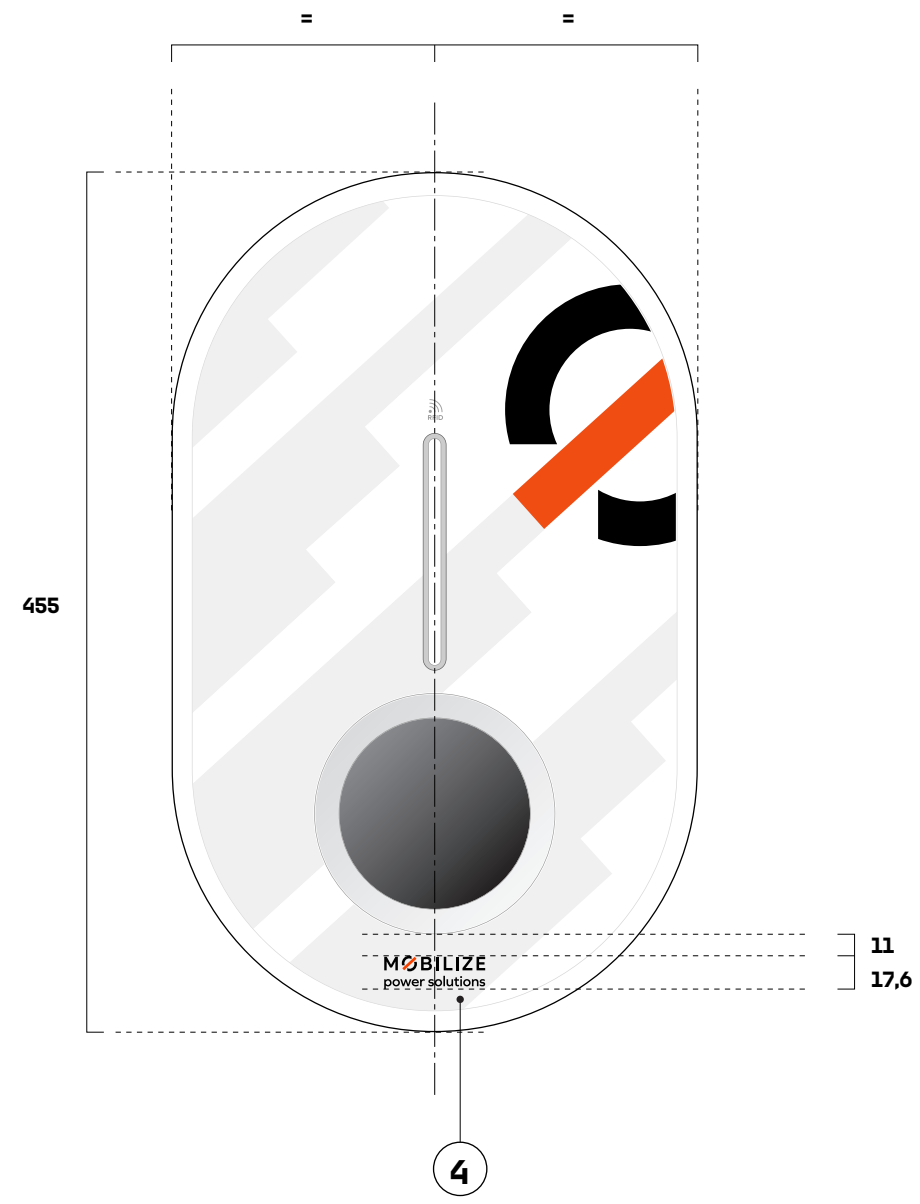
- in the axis of the front face,
- in the lower part under the cover of the charging socket.

DESCRIPTION

- 1 Mobilize emblem, Orange RAL 2004 in matt finish
- 2 Black letters in matt finish made by direct printing on the face or pad printing with anti-UV ink.



OUTLINES



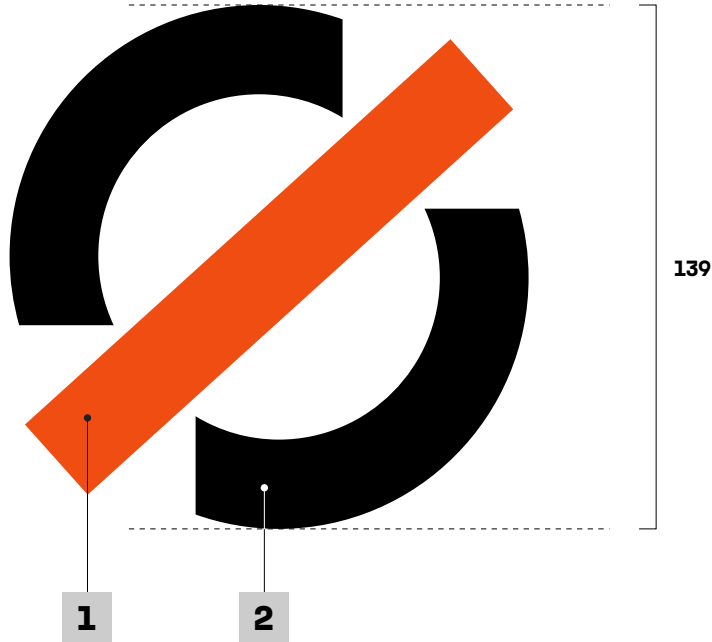
FRONT VIEW



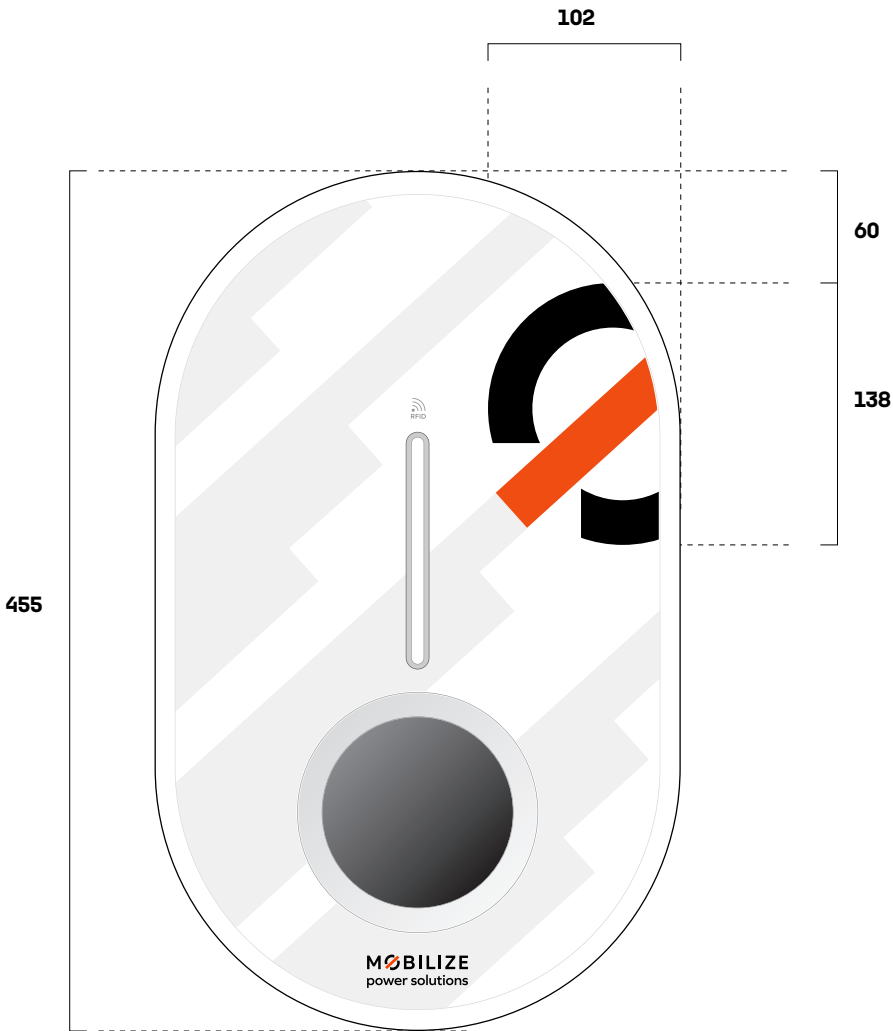
22 KW POWERBOX
CHARGING STATIONS
MOBILIZE EMBLEM

DESCRIPTION

- 1 Mobilize Emblem, Orange RAL 2004 in matt finish
- 2 Mobilize Emblem, matt black



OUTLINES



FRONT VIEW

22 KW POWERBOX CHARGING STATIONS

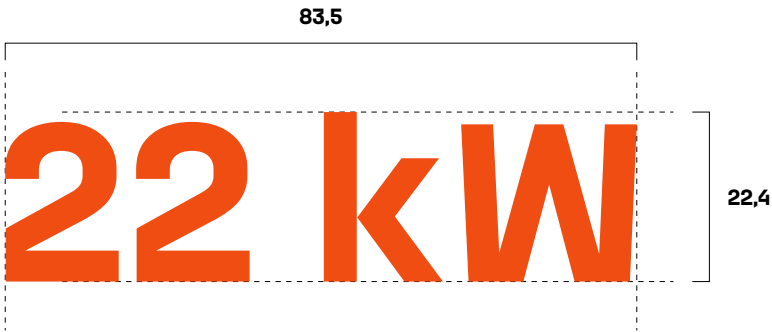
POWER

LAYOUT PRINCIPLE

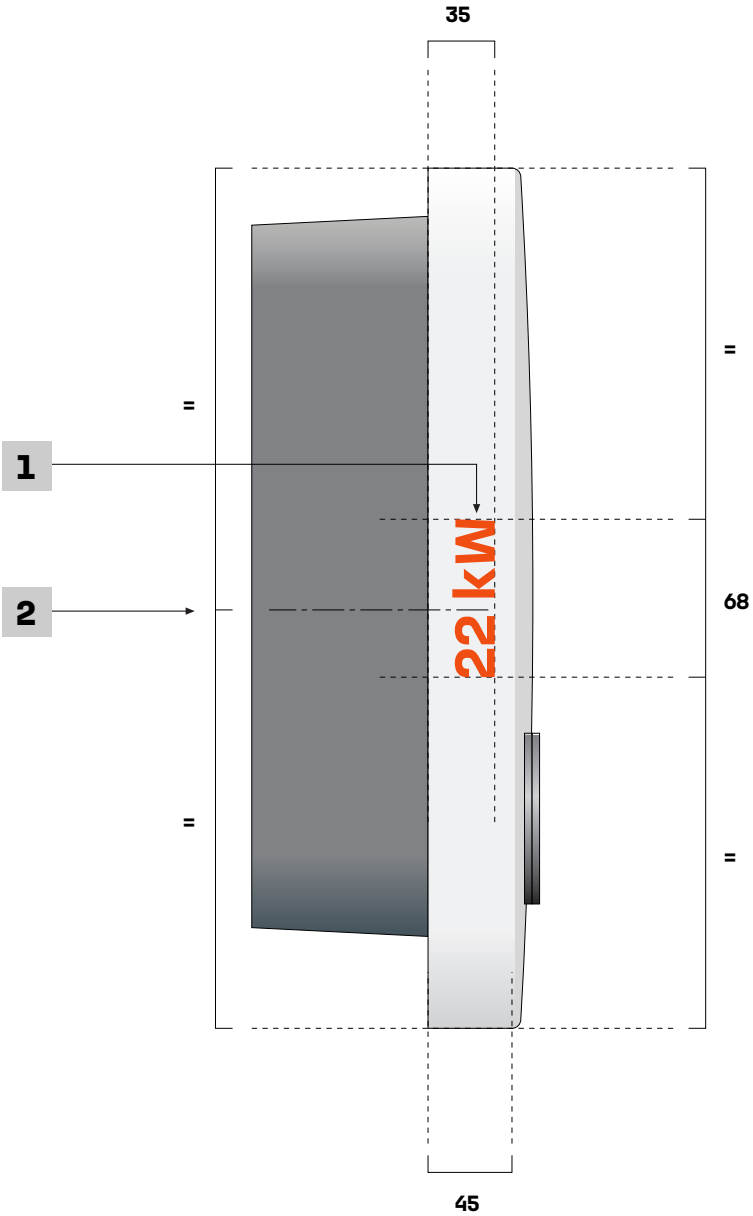
The power marking is centered on the left side face

DESCRIPTION

- 1 Marking centered on the left side face
- 2 Power marking, MBLZ Bold typography, Orange RAL 2004 in matt finish



OUTLINES



SIDE VIEW

22 KW POWERBOX
CHARGING STATIONS
IDENTIFICATION
& HOTLINE

LAYOUT PRINCIPLE

The identification code is customized for each terminal by changing the last number.

Examples:

FR*MFC*ELORMONT*1,

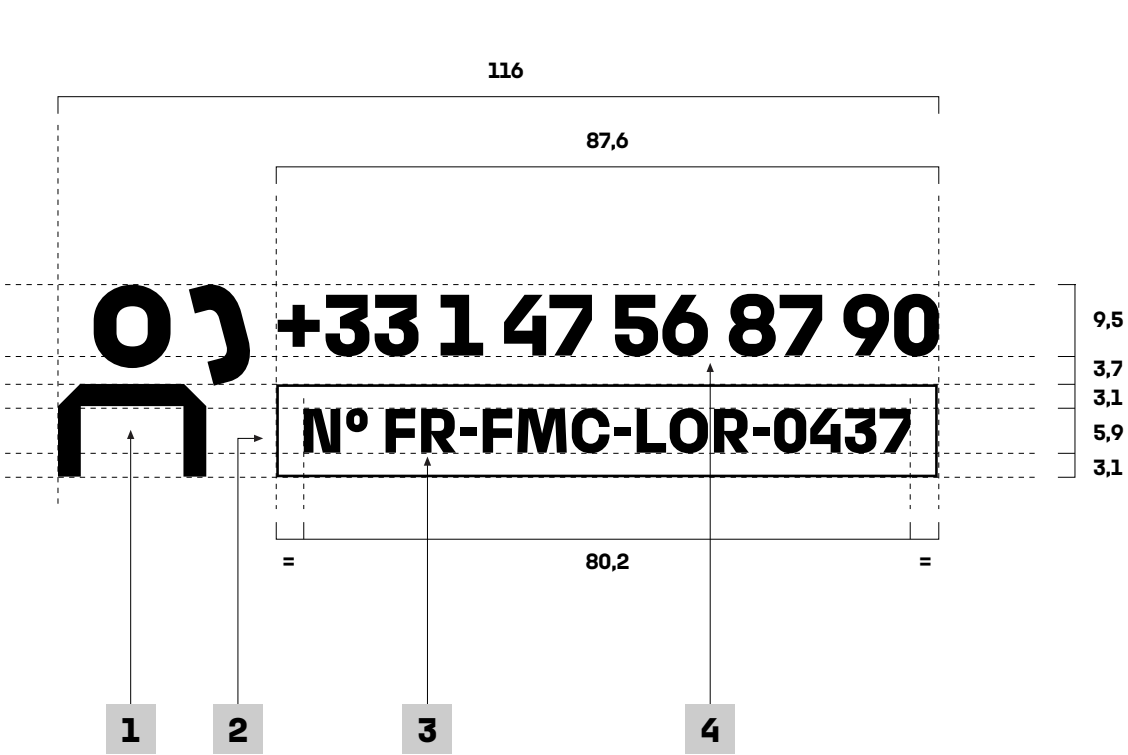
FR*MFC*ELORMONT*2,

FR*MFC*ELORMONT*3,...

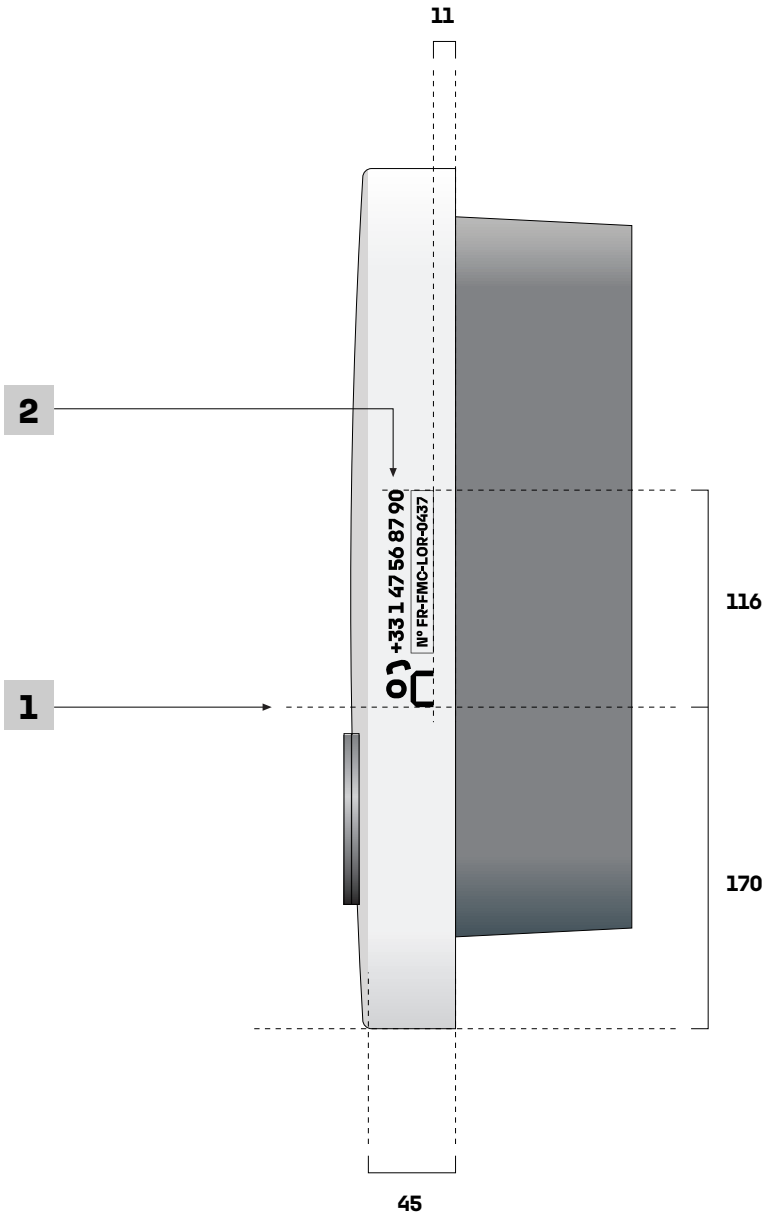
This marking is implanted 11 mm from the rear edge of the face.

DESCRIPTION

- 1 Black pictogram
- 2 Line th. 0.34 mm
- 3 Identification code, MBLZ Bold typography, centered, matt black
- 4 Hotline number, MBLZ Bold typography, centered, matt black



OUTLINES



SIDE VIEW

22 KW POWERBOX CHARGING STATIONS USER GUIDE

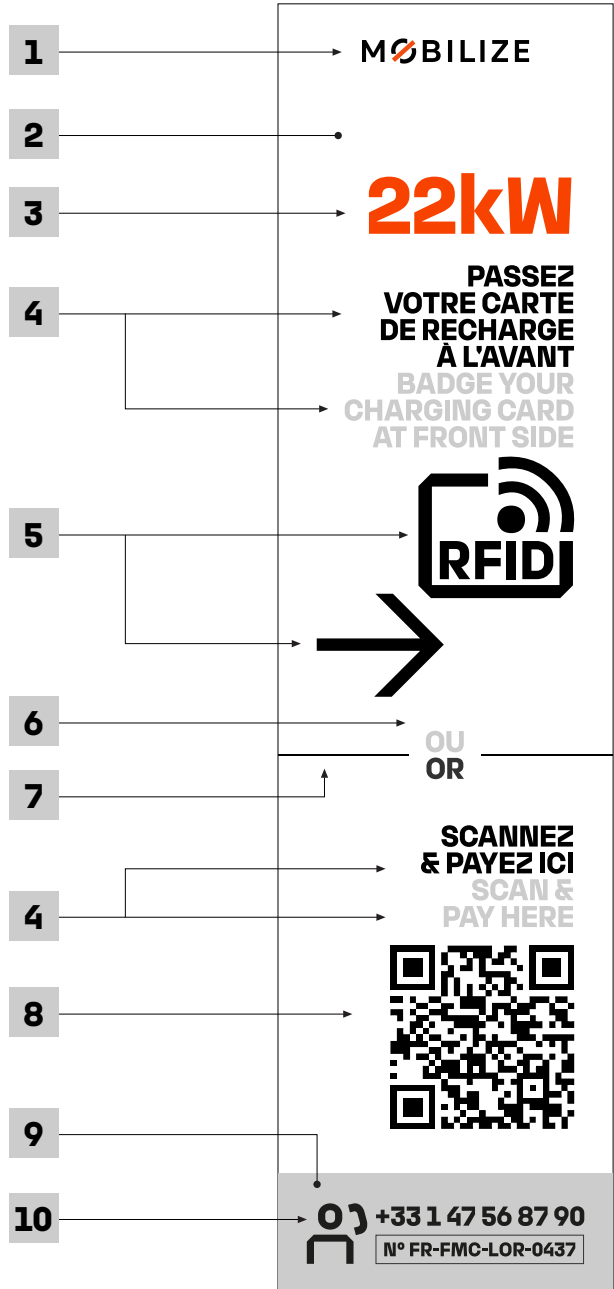
LAYOUT PRINCIPLE

The user guide is located on the left side of the terminal on an aluminum bracket fixed to the double-sided tape on the body of the terminal.

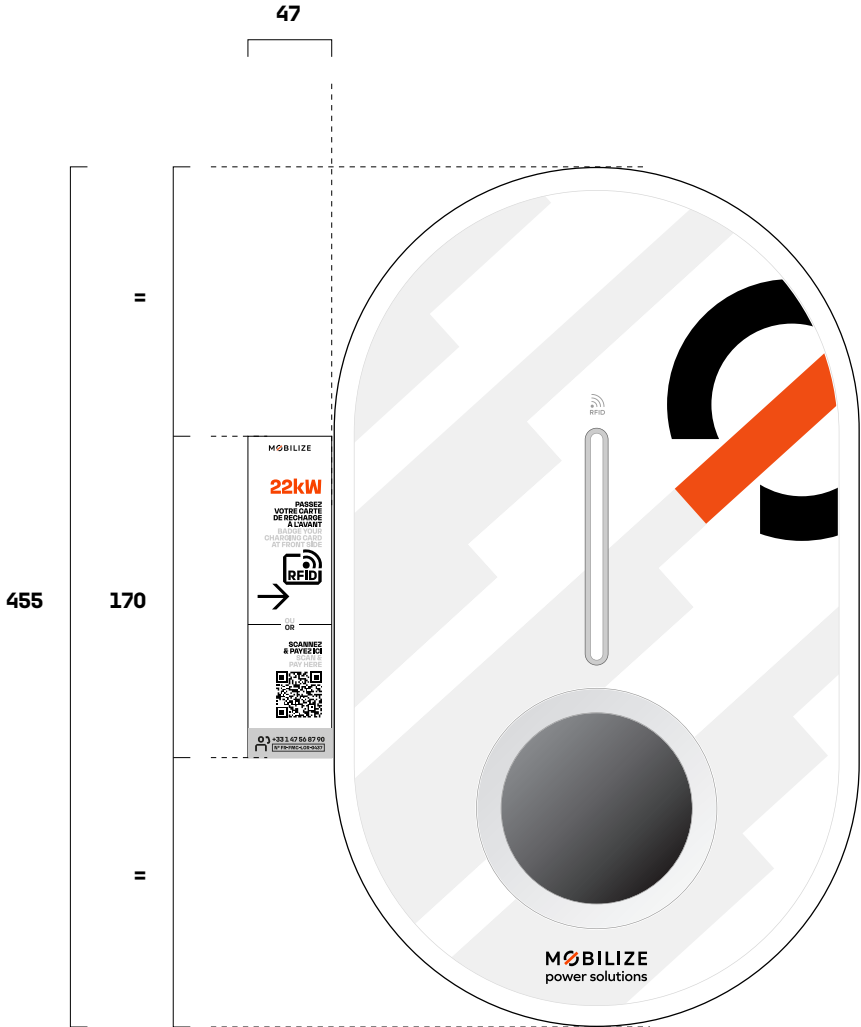
It is printed on an adhesive protected by matt lamination.

DESCRIPTION

- 1 Mobilize logo in black
- 2 White background
- 3 Power, MBLZ typography, Orange RAL 2004
- 4 Texts in MBLZ bold typography, right aligned, FR texts in black, EN texts in black 20%
- 5 White pictogram
- 6 Texts in MBLZ bold typography, centered, FR texts in black 20%, EN texts in black
- 7 Black line th. 0.18 mm
- 8 Black QR code
- 9 Black rectangle 20%
- 10 Hotline number and identification code, MBLZ Bold typography, centered, black



GENERIC VIEW



INTEGRATION ON THE TERMINAL

08

CANOPY

CANOPY

OVERVIEW

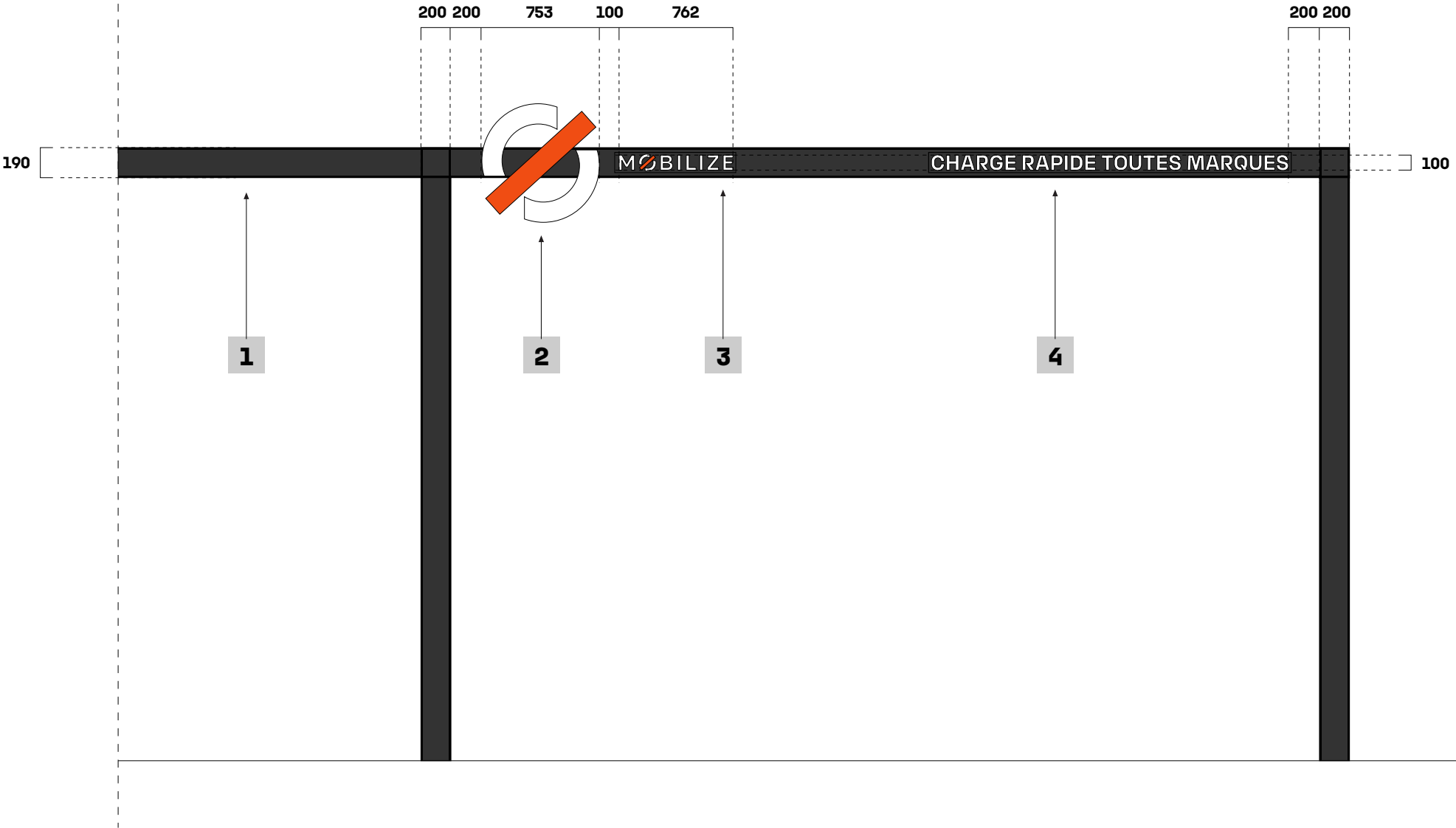
IDENTIFICATION PRINCIPLE

The canopy of the charging area is identified by the Mobilize signature associated with the words “FAST CHARGING ALL BRANDS”.

These luminous markings are installed on the edge of the shade using the horizontal profile of the structure.

DESCRIPTION

- 1 HEA 200 steel profile lacquered RAL 9005 black
- 2 Mobilize luminous emblem of the letter-box type
- 3 Mobilize luminous logotype produced in a light box
- 4 Luminous marking MBLZ Bold typography, produced in a light box



CANOPY

ILLUMINATED

MOBILIZE EMBLEM

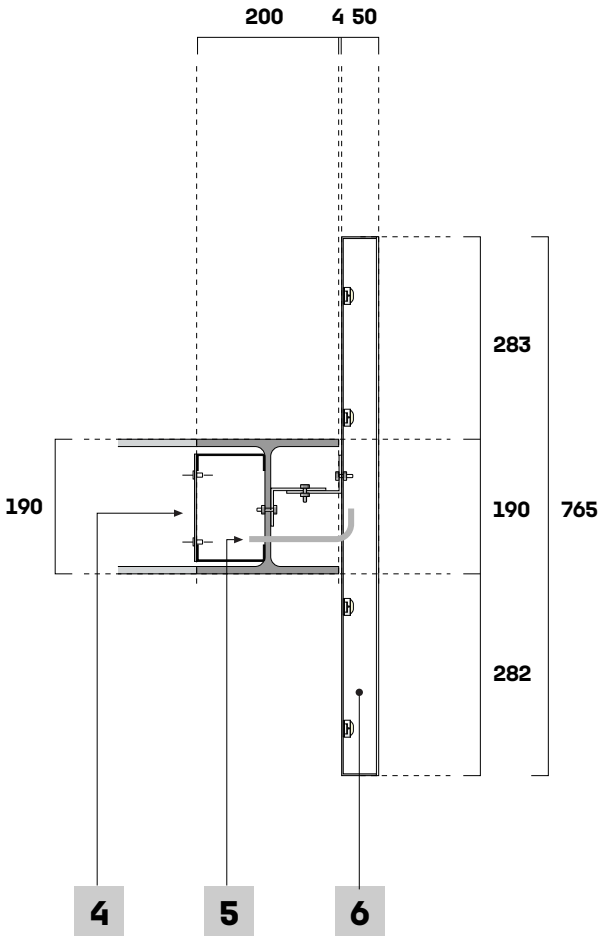
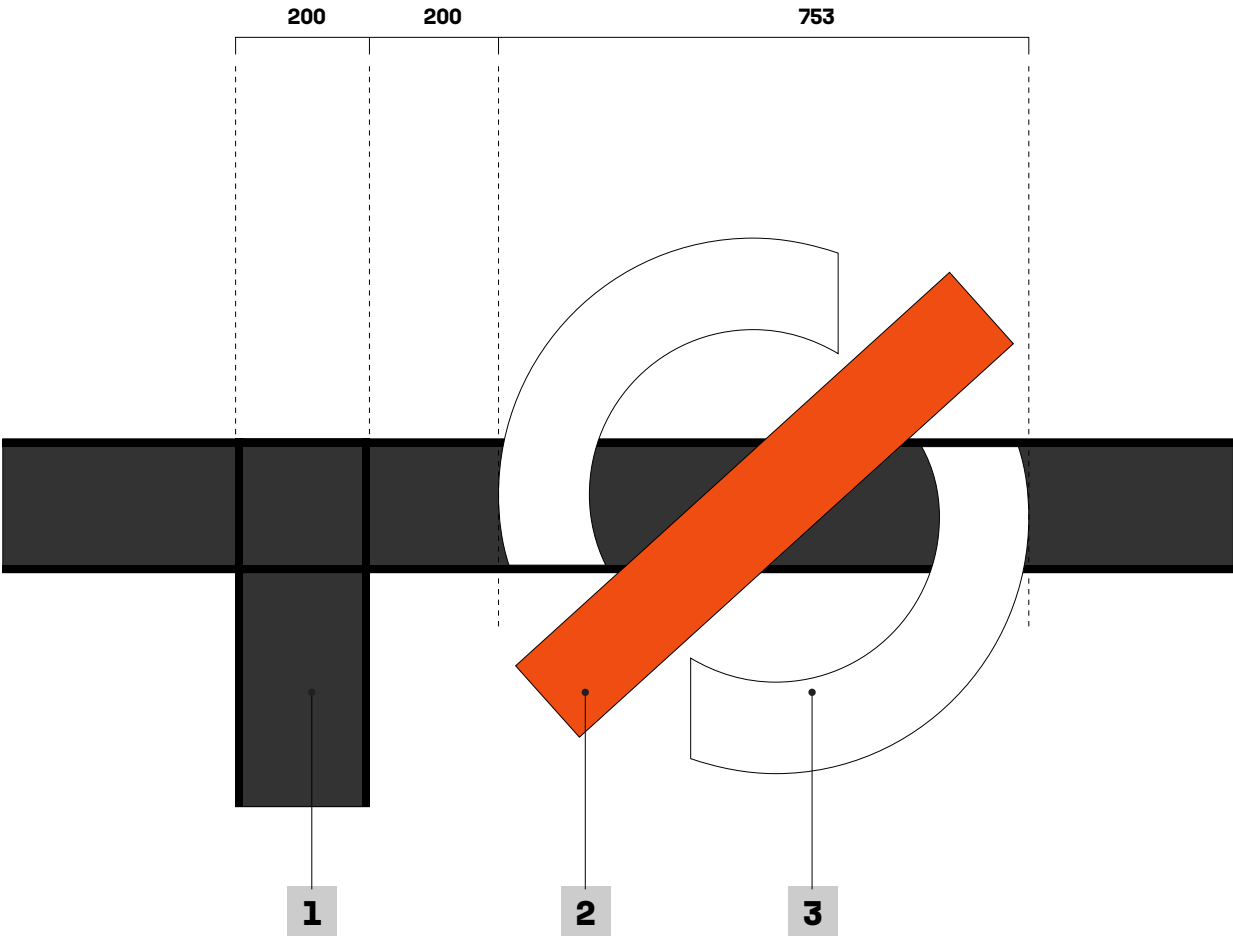
MANUFACTURING PRINCIPLE

The emblem is made according to a letter-box principle comprising an aluminium base and edge.

The assembly is centred in relation to the horizontal beam in the shape of an IPN.

DESCRIPTION

- 1 HEA 200 steel profile lacquered RAL 9005 black
- 2 Front face in PMMA diffusing Orange RAL 2004, 3 mm thick
- 3 Front face in PMMA diffusing white, 3 mm thick
- 4 Electrical duct for cable routing
- 5 Power supply passage
- 6 Edges in black lacquered aluminium RAL 9005 matt finish, 1 mm thick, lighting by mini white LED modules integrated on the bottom of the sign, 12V converter remote in the electrical duct



CANOPY

ILLUMINATED

MOBILIZE LOGOTYPE

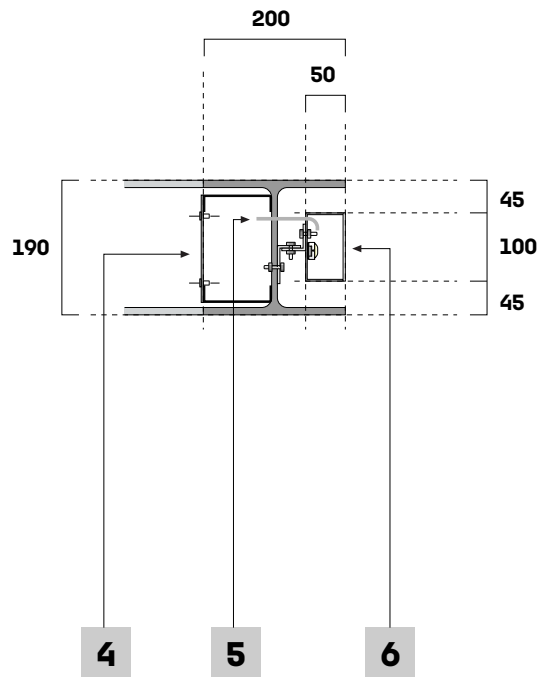
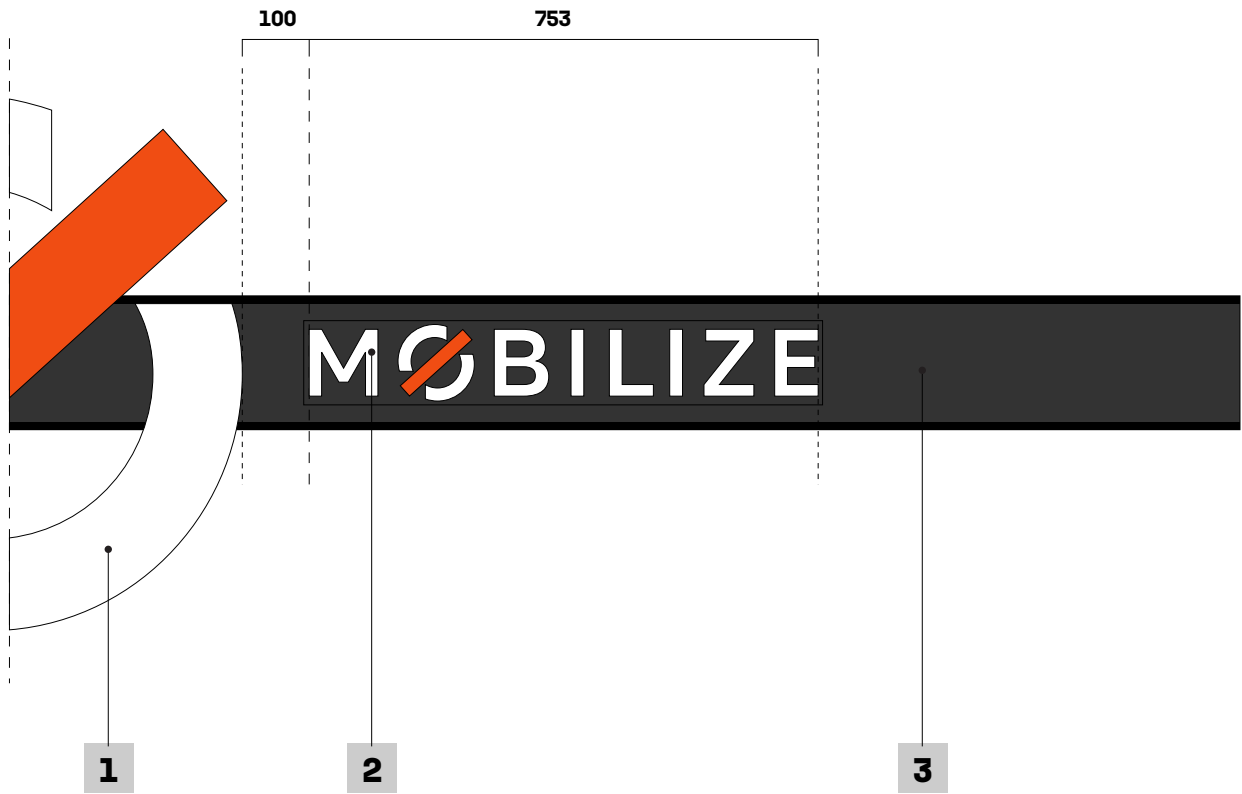
MANUFACTURING PRINCIPLE

The Mobilize logotype is made according to a light box principle, comprising an aluminum base and edge.

The assembly is centered in the horizontal IPN-shaped beam, the front face being aligned with the front of the structural profile.

DESCRIPTION

- 1 Luminous Mobilize emblem
- 2 Mobilize logotype made in the form of a light box, lighting by mini white LED modules integrated into the base of the sign, 12v converter offset in the electrical trunking
- 3 HEA 200 steel profile lacquered RAL 9005 black
- 4 Electrical trunking for cable routing
- 5 Power supply passage
- 6 Front face in white diffusing PMMA, 3 mm thick, with black and orange RAL 2004 adhesive



CANOPY

LUMINOUS TEXTS

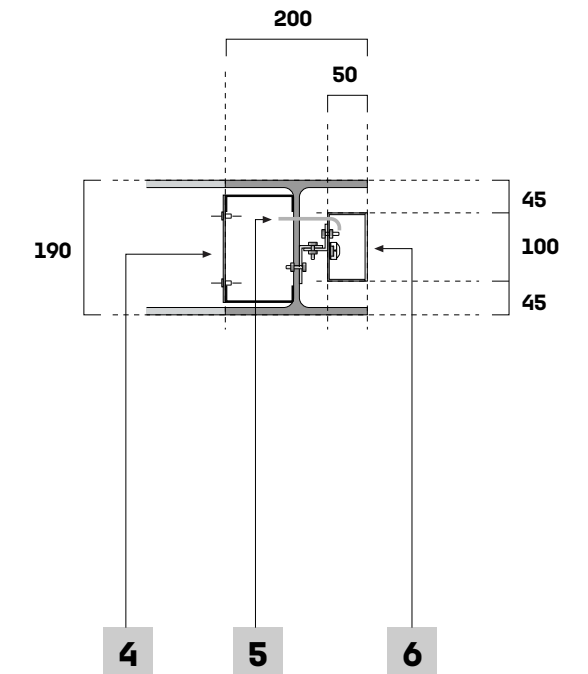
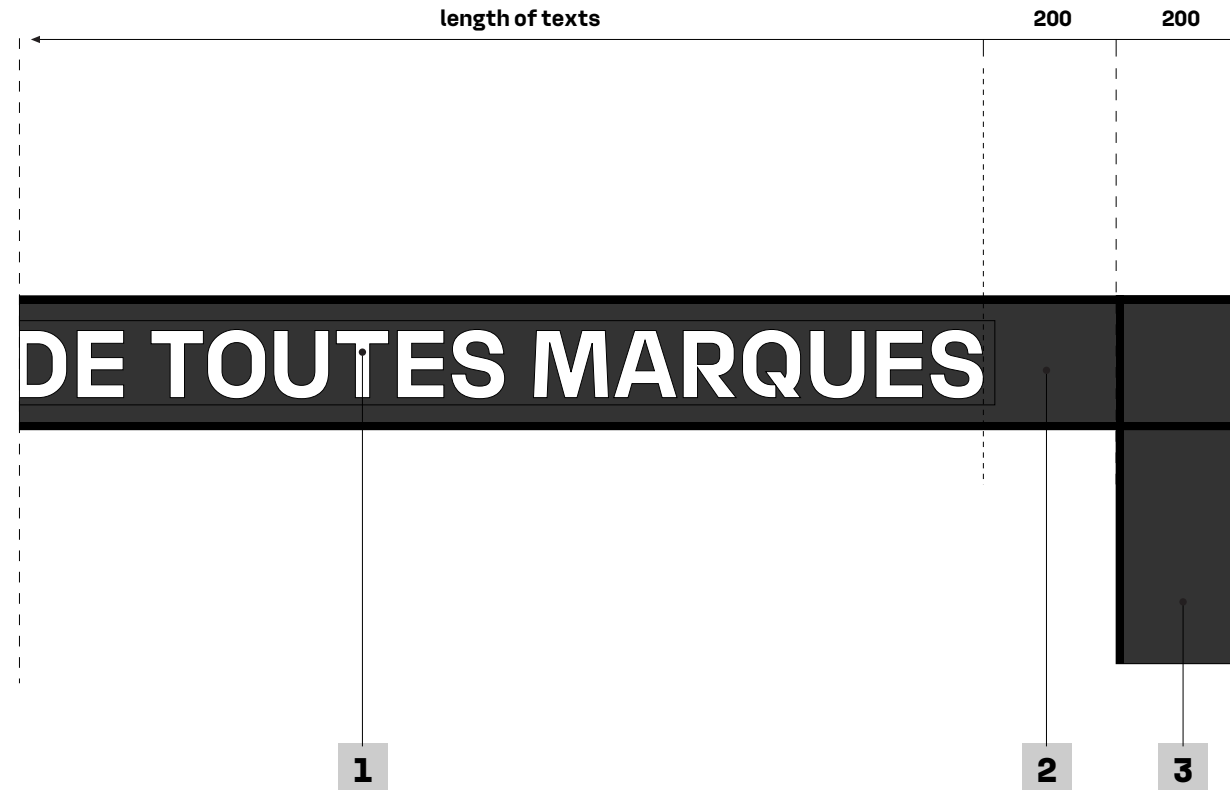
MANUFACTURING PRINCIPLE

The “FAST CHARGE ALL BRANDS” texts are made according to a light box principle with an aluminum base and edge.

The assembly is centered in the horizontal IPN-shaped beam, the front face being aligned with the front of the structural profile.

DESCRIPTION

- 1** Texts made in the form of a light box, lighting by mini white LED modules integrated into the bottom of the sign, 12v converter offset in the electrical trunking
- 2** HEA 200 steel profile lacquered RAL 9005 black
- 3** HEA 200 vertical steel profile
- 4** Electrical trunking for cable routing
- 5** Power supply passage
- 6** Front face in white diffusing PMMA, 3 mm thick, with a matt black adhesive coating



CANOPY LIGHTING

PRINCIPLE

Lighting of the different faces is done by LED chains installed at the back of the signs.

The converter, common to a group or to all the elements, will be installed in the electrical trunking.

PERFORMANCE

- LED chains IP65 protection mini.
- Temperature: 6500° K Cool White.
- Average luminance: 350 cd/m2 with a minimum of 250 cd/m2.
- The warranty on all LED lighting parts and systems is 5 years, subject to compliance with the conditions of use and maintenance.
- Reduction in flux of 70% after 70,000 hours of operation.
- Minimum guaranteed lifespan: 50,000 hours.
- Power supply: 220 volts
- 12 volt converter with regulated voltage with IP 68 protection.

