


FIMER




Installation manual

FIMER FLEXA Stand-Basic

Safety instructions

 **ATTENTION** – This manual contains important safety instructions that must be followed during the installation and maintenance of the equipment.

Keep this manual

 **READ THE MANUAL** – Keep this document in a safe place for easy access during installation and maintenance.

The installer should read this document in its entirety before installing the equipment

Operators are required to read this manual and adhere to the instructions contained therein. FIMER cannot be held liable for damages caused to persons and/or property, or to the equipment, if the conditions described below have not been met.

The installation of the device must be charged exclusively to qualified personnel, who must be able to identify dangers and act in safety conditions.




The qualified installer must ensure that the installation takes place following local regulations during the installation itself and following the procedures indicated in this manual.

 **NOTE** – Any modification not approved by FIMER will immediately void the product guarantee.



Warranty and delivery conditions

- ⊘ **FORBIDDEN** – The warranty conditions are considered valid if the customer complies with the instructions contained in this manual; any deviation from the warranty conditions with respect to what is described below must be expressly indicated in the purchase order.
- ⊘ **FORBIDDEN** – FIMER declares that the equipment complies with the legal provisions currently in force in the country of installation and has issued the relative declaration of conformity.
- ⊘ **FORBIDDEN** – FIMER assumes no responsibility for failure to comply with the instructions for proper installation and cannot be held responsible for the systems upstream or downstream of the equipment supplied.
- ⊘ **FORBIDDEN** – It is absolutely forbidden to modify the equipment. Any modification, manipulation or alteration of the hardware or software not expressly agreed with the manufacturer will immediately void the warranty.
- ⊘ **FORBIDDEN** – Due to the large number of possible combinations of system configurations and installation environments, it is essential to check the following before installing the product: adequate space for housing the equipment, ambient noise produced by the environment and possible flammable conditions.
- ⊘ **FORBIDDEN** – FIMER cannot be held responsible for defects or malfunctions deriving from: improper use of the equipment; deterioration due to transport or particular environmental conditions; incorrect or insufficient maintenance; tampering or unsafe repairs; use or installation by unqualified persons.
- ⊘ **FORBIDDEN** – FIMER is not responsible for any disposal of the equipment, or part of it, that does not comply with the regulations and laws in force in the country of installation.

Purpose and structure of the document

-  **ATTENTION** – This user and maintenance manual is a guide to help you to work safely and carry out the necessary operations to keep your equipment in good working order.
-  **ATTENTION** – If the equipment is used in a manner not specified in this manual, the protection provided by the equipment may be impaired.
-  **ATTENTION** – This document was originally written in Italian. Therefore, in case of inconsistencies or doubts, ask FIMER for the original document.

List of documents in the appendix

-  **READ THE MANUAL** – In addition to this user manual, product documentation can be consulted and downloaded by visiting www.fimer.com.
-  **READ THE MANUAL** – This document only contains the information deemed necessary for the use and routine maintenance of the equipment.

Skills and requirements of the operator and maintenance personnel





-  **READ THE MANUAL** – Personnel involved in the use, maintenance and installation of the equipment must be qualified by FIMER (by means of a letter certifying their qualification) for the activities described and must reliably demonstrate their ability to correctly interpret what is described in the manual.
-  **ATTENTION** – The installation must be carried out by FIMER-qualified installers and/or FIMER-authorized electricians in accordance with the regulations in force in the country of installation and in compliance with all safety regulations for carrying out electrical work.
-  **WARNING** – It is forbidden to entrust the installation or maintenance of the product to unqualified persons or those in an altered physical or mental state.
-  **WARNING** – The customer bears civil responsibility for the qualification and mental or physical state of the personnel who handle the equipment. Such personnel must always use the personal protective equipment (PPE) required by the laws of the country of destination and by the instructions of their employer.

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1. General information

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FIMER FLEXA Stand-Basic, thanks to its compact design and its flexibility, is a support suitable for the different versions of FIMER FLEXA AC Wallbox and for all positioning needs, both outdoor and indoor installations. It is available for single and double charging modes.

Both configurations of FIMER FLEXA Stand-Basic are equipped with “L” support, designed to offer a practical stand for the charging cable.

⚠ WARNING – Prepare and size the entire installation site in compliance with the local and international standards in force according to the product’s characteristics.

⚠ WARNING – This document describes how to install, configure, and maintain the product.

A description of the features of the equipment is provided to identify its major components and specify the technical terminology used in the manual.

📖 READ THE MANUAL – This chapter contains information on models, details on equipment, features and technical data, overall dimensions and identification of the equipment.

1.1 Fields of use

FIMER shall not be liable for damage of any kind resulting from incorrect or careless operations.

The equipment may not be used for any purpose other than that intended in the field of use. The equipment must not be installed by inexperienced personnel, or even by expert personnel if operations are carried out on the equipment that do not comply with this manual and the accompanying documentation.

⊘ FORBIDDEN – The product has been designed as a support for all versions of FIMER FLEXA AC Wallbox products.

⚠ ATTENTION – In case of installation in TN-type earthing systems, there may be additional specific local regulations regarding system safety and protection against faults that the installer must understand and implement.

It is strictly prohibited to:








⊘ FORBIDDEN – Install the equipment in environments subject to particular flammability conditions or in adverse or unpermitted environmental conditions.

⊘ FORBIDDEN – Use the equipment or parts of the equipment for the installations of products different to FIMER FLEXA AC Wallbox.

⊘ FORBIDDEN – Clean the product with corrosive products that could damage parts of the equipment or generate electrostatic charges.

⊘ FORBIDDEN – Use or install the equipment or any associated parts thereof without having read and properly understood the contents of the operation and maintenance manual.

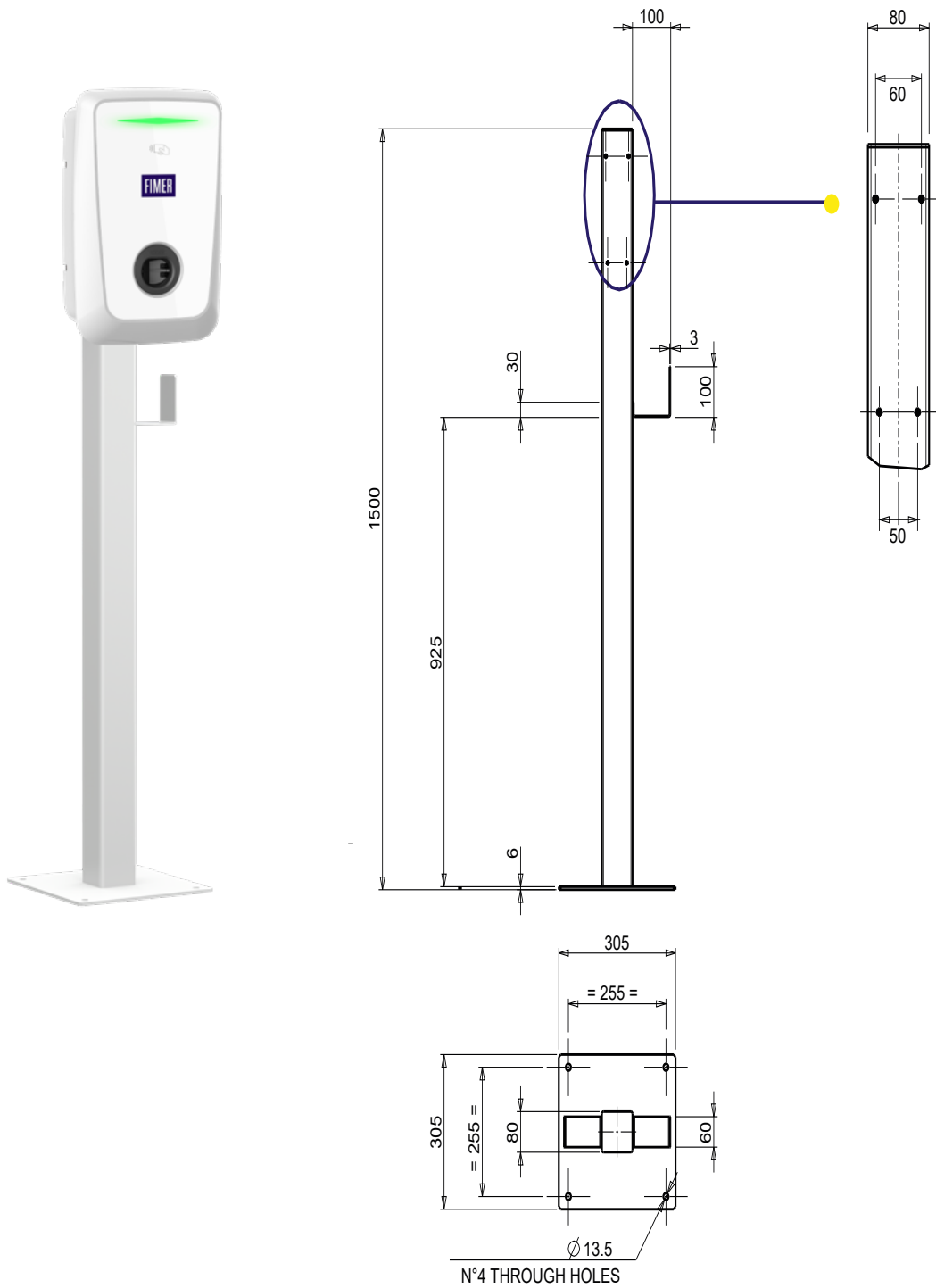
1.2 Symbols and definitions

Symbol	Description
	GENERAL WARNING
	THE ORIGINAL MANUAL OR OTHER ADDITIONAL DOCUMENTATION MUST BE CONSULTED
	PROHIBITION OR RESTRICTIONS
	THE OPERATIONS DESCRIBED MUST BE CARRIED OUT USING THE CLOTHING AND/OR PROTECTIVE EQUIPMENT PROVIDED BY THE EMPLOYER
	THE PRODUCTS SHOULD NOT BE DISPOSED OF WITH HOUSEHOLD WASTE, BUT COLLECTED IN A DIFFERENT MANNER AS, ALTHOUGH NOT COMPOSED OF MATERIALS HARMFUL TO HEALTH, THEY ARE MADE OF RECYCLABLE MATERIALS
	HAZARD-WARNING SIGNAL: PRESENCE OF ELECTRICAL VOLTAGE
	OBLIGATION SIGNAL: READ THE INSTRUCTIONS

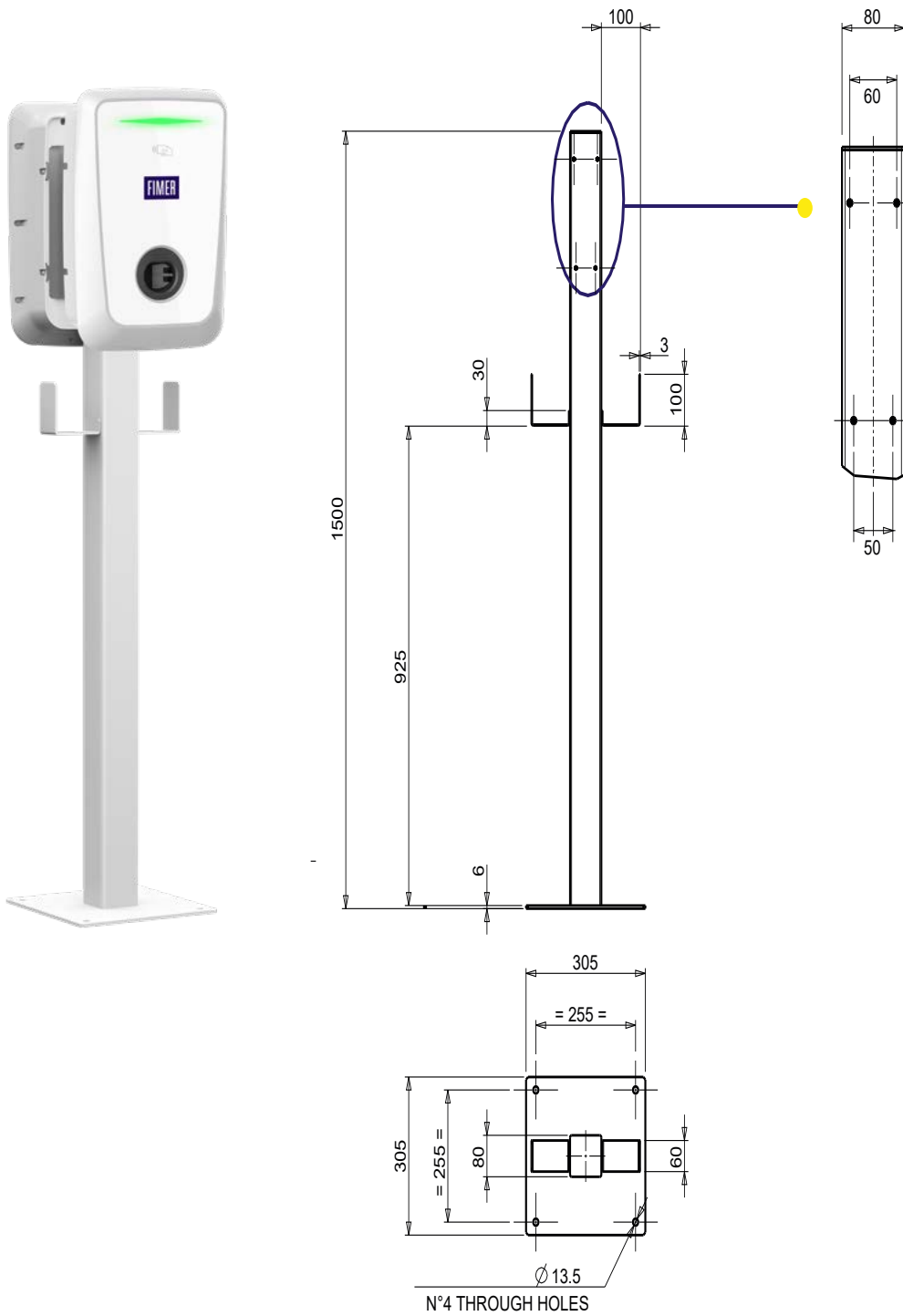
1.3 Product dimensions and features

Technical data		
FIMER FLEXA Stand-Basic	Single	Double
Dimensions (l x h x w)	305 x 1500 x 305 mm	
Weight (Stand only)	11.92 kg	12.23 kg
Material	Steel S 235 JR EN 10025	
Color	RAL 7035	

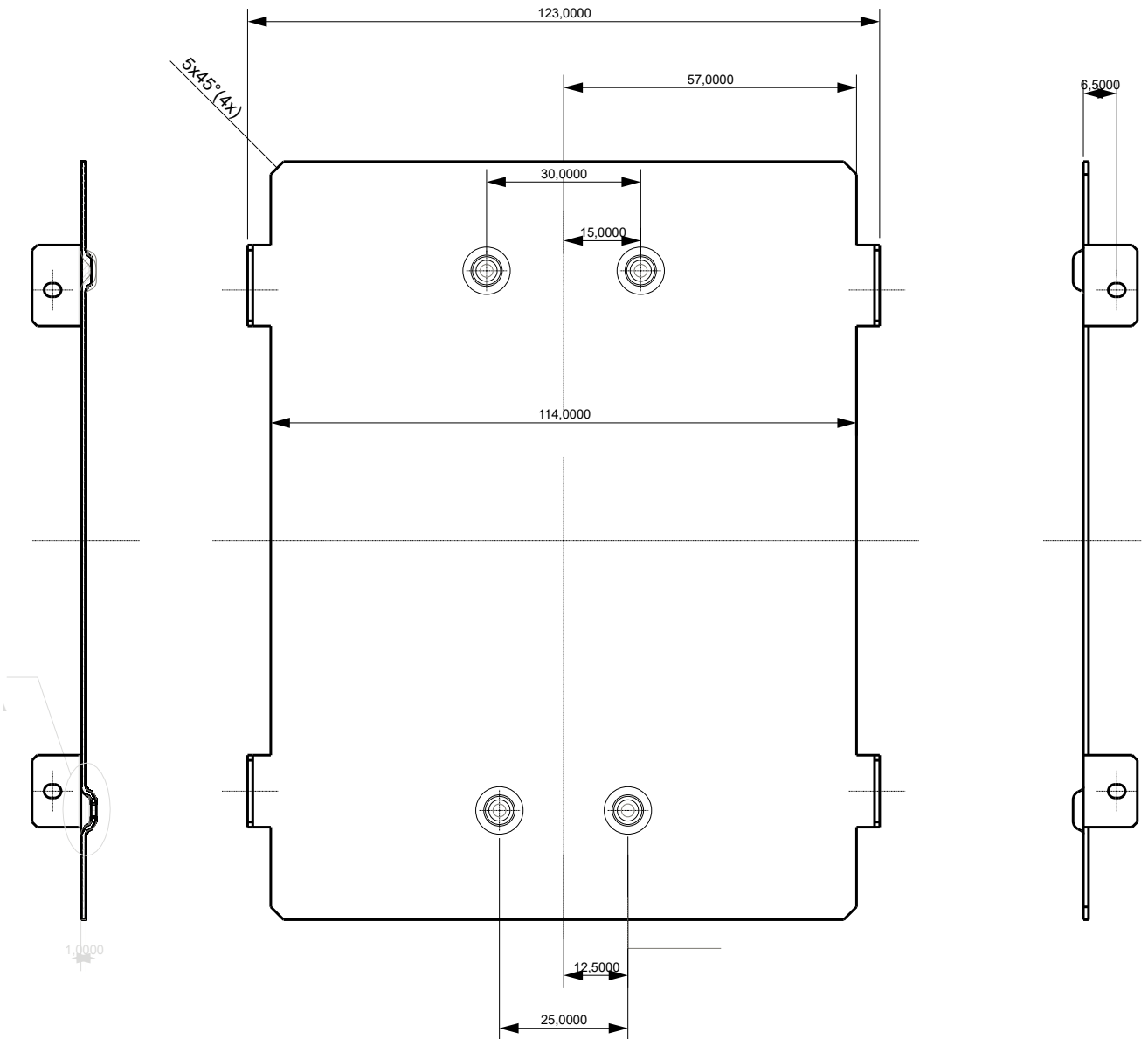
1.3.1 Views of FIMER FLEXA Stand-Basic (single)



1.3.2 Views of FIMER FLEXA Stand-Basic (double)



1.3.3 Views of FIMER FLEXA AC Wallbox's fixing plate



1.4 Support

For any reports or requests for further support, FIMER is available through the dedicated section of the website www.fimer.com or by writing to service.emobility@fimer.com.

2. Safety and equipment

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2.1 Safety warnings

⚠ ATTENTION – Please read this document carefully before installing and starting up the product.

The installation and start-up phases of the device should only be carried out by qualified personnel who are able to identify hazards and act safely.

Even the maintenance, repair or subsequent repositioning phases must be carried out only by qualified personnel: there are no components that can be repaired by the user or maintained independently.

- ⊘ **FORBIDDEN** – Children or persons not deemed capable of assessing the risks involved in the installation must not handle the product.
- ⊘ **FORBIDDEN** – Both domestic and non-domestic animals must be kept away from the equipment.
- ⊘ **FORBIDDEN** – Failure to observe all or part of the instructions in this document may lead to serious or fatal injury.

The qualified installer must always ensure that the installation is carried out in accordance with the local regulations in effect at the time of installation.

2.2 Proper use

⚠ ATTENTION – The device is only safe to use if it is used as intended.

- ⊘ **FORBIDDEN** – Different uses and unauthorized modifications to the appliance or to any of its components are not permissible and are therefore considered to be non-compliant.

This document has been carefully checked by FIMER, but deviations cannot be completely ruled out. If errors are detected, the reader is kindly asked to notify FIMER. Except for explicit contractual commitments, in no case FIMER can be held responsible for any loss or damage resulting from the use of this manual or from the installation of the equipment.

2.3 Product handling

- ⊘ **FORBIDDEN** – The total weight of the product without packaging is approximately 12 kg: be sure to use suitable equipment for handling it.
- ⊘ **FORBIDDEN** – Transport and store in a dry place away from heat sources in the original packaging only.

3. Installation

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⚠ WARNING – FIMER recommends using experienced professionals who comply with current regulations to install the product correctly.

3.1 Preparing for installation

Before proceeding with the installation, make sure that:

- The work area is adequately cordoned off (access by person who are not involved in the work must be prevented).
- The product packaging is completely intact and without any obvious damage (if the product is damaged, contact your seller or request support at www.fimer.com).
- The product and all components are completely intact and without any obvious defects or faults.

3.2 Tools required

- Cutter
- Marker/pencil
- Drill and bit suitable for the fixing surface to be drilled and for the installation of M8 plugs

⚠ ATTENTION – FIMER accepts no liability for damage to property or persons deriving from the use of these tools. Installation must be performed by qualified personnel and in compliance with the regulations in place for the installation of electrical equipment.

3.3 Package contents

- N.1 FIMER FLEXA Stand-Basic (single or double charging mode)
- N.1 or 2 fixing plate(s), depending on the model, for FIMER FLEXA AC Wallbox
- N.1 ground anchoring kit and N.1 fixing plate anchoring kit
- Installation manual

3.4 Space and positioning

Before choosing where to install the product, consult your electric vehicle manual and follow any pertinent instructions.

⚠ ATTENTION – Make sure that there are no heat sources, flammable substances or electromagnetic sources in the installation area, either during installation of the product or throughout the product's lifetime.

⚠ ATTENTION – In addition, the installation site must be sufficiently ventilated to ensure proper heat dissipation.

- ⚠ **ATTENTION** – For versions of FIMER FLEXA AC Wallbox with mobile cellular or Wi-Fi connection, ensure that the selected area has cellular reception or Wi-Fi coverage. Before installation, ensure that the environmental conditions (such as temperature, altitude and humidity) comply with FIMER FLEXA AC Wallbox specifications.
- ⚠ **ATTENTION** – To ensure the functionality of the device and to guarantee its proper usage by the user, the space around the device must be clear to allow for air circulation, cable maneuverability, charging procedures and both routine and non-routine safety maintenance operations.
- ⚠ **ATTENTION** – In addition, the space needed to park the electric vehicle to be charged must be considered.
- ⚠ **ATTENTION** – For locations where the device will be exposed to direct sunlight or weather for most of the day, it is advisable to install a cover to protect the charging station.

Furthermore:

- Make sure that there are barriers or poles to protect the charging device from collisions;
- Design the parking layout for easy access to the charging cable;
- Provide a safe and comfortable environment for users and to prevent vandalism or theft;
- Install the charging device in a place where it can be clearly seen or monitored;
- Install sufficient lighting around the device.

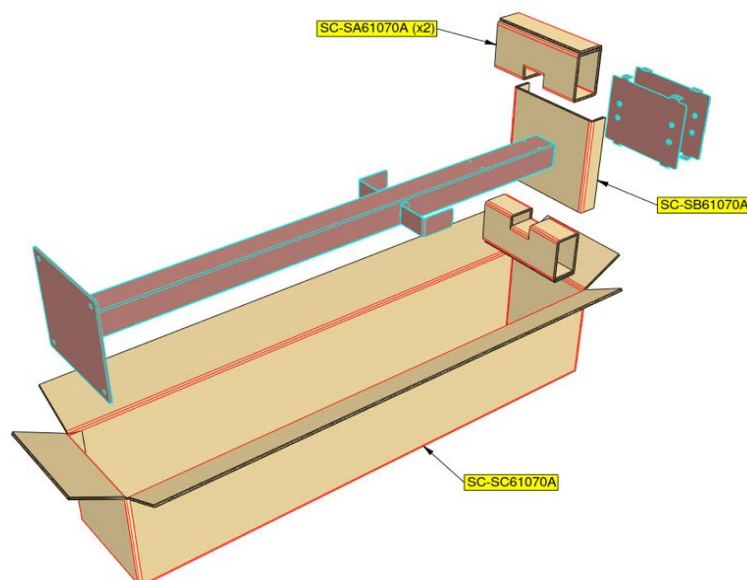
3.5 Unpacking

Before installing the device, it is necessary to check, when unpacking, that the various parts of the device do not display any physical damage due to impacts, lacerations or abrasions.

If any damage is detected, the installation procedure must be aborted immediately and technical support must be contacted as shown in section 1.4.

The various components are protected by packaging and adhesive tape: before installation, each component must be cleaned of any traces of dust, packaging or adhesive tape.

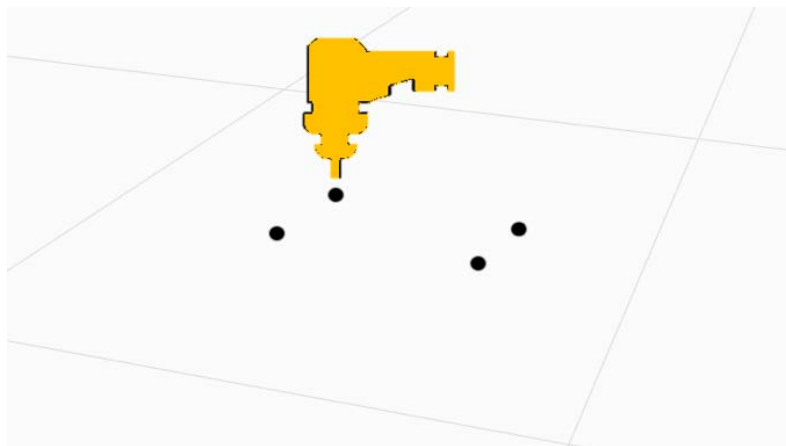
- ⚠ **ATTENTION** – The images below are for illustrative purposes and may not show all internal components of the product or may contain negligible differences from the actual configuration.



4. Installation

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1. Place FIMER FLEXA Stand-Basic to the ground in the desired installation site.
2. Using the base as template, make marks at the fixing holes using a marker or a pencil at the positioning of the four (4) present holes.
3. Remove FIMER FLEXA Stand-Basic and drill the holes in the ground at the previously drawn marks. The hole should be drilled with proper drill and bit, keeping in mind that the plugs in the kit of installation are M8 plugs.

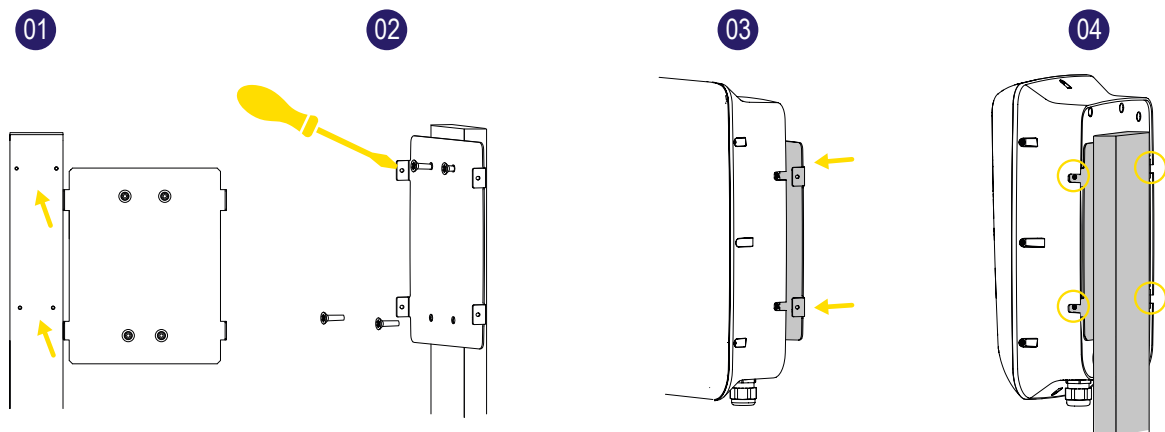


4. If the installer wants to further increase the seal, it is possible to inject in the four (4) holes some resin anchor (or chemical).
5. Insert the four (4) anchor devices into the four (4) holes just drilled. Then, place the first M8 nut and its washer to manage the levelling.
6. Place again FIMER FLEXA Stand-Basic at the position of the anchor devices.
7. In case of incorrect levelling, regulate the nuts to the appropriate levelling.
8. Fix FIMER FLEXA Stand-Basic to the ground using washers, grower and M8 nuts, applying adequate tightening torque.

5. FLEXA AC Wallbox assembly

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1. Fix FIMER FLEXA Stand-Basic's fixing plate to the main body of the Stand itself, using the four (4) screws provided with the anchoring kit. In this installation, the fixing plate supplied with the FIMER FLEXA AC Wallbox will not be used.



2. Remove the ten (10) screws that fix the Wallbox cover at the base. Separate the cover from base, replacing it safely and in a safe position so that it can't be damaged accidentally.
3. Take the base and match the four (4) body attachment points with the plate so that the four (4) side tabs of the fixing plate match the four (4) side slots of the rear casing.
4. Insert the four (4) hexagonal M4x16 screws.
5. Execute the necessary attachments for the proper operation of AC Wallbox (In case further information are needed, refer to FIMER FLEXA AC Wallbox's installation manual).
6. Install front cover by placing it on AC Wallbox's body, avoiding foreign bodies or material. Then fix the cover using the ten (10) screws previously removed.

- ⚠ ATTENTION** – In FIMER FLEXA Stand-Basic, internal cables for signals and connection to the AC Wallbox are not foreseen.
- ⚠ ATTENTION** – External electrical panel is needed to connect Wallbox to power supply.
- ⚠ ATTENTION** – For further information on the installation of protective devices, refer to FIMER FLEXA AC Wallbox's installation manual.

6. *Maintenance*

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The product does not need planned maintenance, with the only exception for public installation points where a periodic inspection is suggested. In this installation sites damages such as incisions, scratches and any other kind of injuries may compromise the product's service life.



For more information
please contact
your local FIMER
representative or visit:

fimer.com

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