

Plataforma BUS is an indispensable urban element in urban transport stops located on the lane next to pavements along which vehicles are parked. It prevents drivers from having to move the bus closer to the pavement, thus improving speed and safety for passengers getting on and off the bus. In addition, it recovers space for parking vehicles on each side of the platform.

Concrete | 📏 300 cm | ⚖️ 1800 kg

🔄 Update 05.08.2020



PLATAFORMA BUS

Enric Pericas 1995

Escofet®

Origin

The *Plataforma BUS* was designed to improve mobility conditions in the city of Barcelona. It was first installed in 1996 and is still used today.

Design

The platform has three modular elements: central, left and right, with dimensions of 3 m x 1.40 m and a height of 18 cm. It has articulated ramps made from cast aluminium measuring 1.50 m x 50 cm which are used to bridge the gap between the pavement and platform and facilitate cleaning beneath the bars.

Accessible

The three modular elements have a slotted part at the edge of the horizontal surface, making the end visible and preventing it from sliding. On the left module the slotted part is interrupted to mark the threshold of the bus entrance. On the vertical plane, the raised strips painted

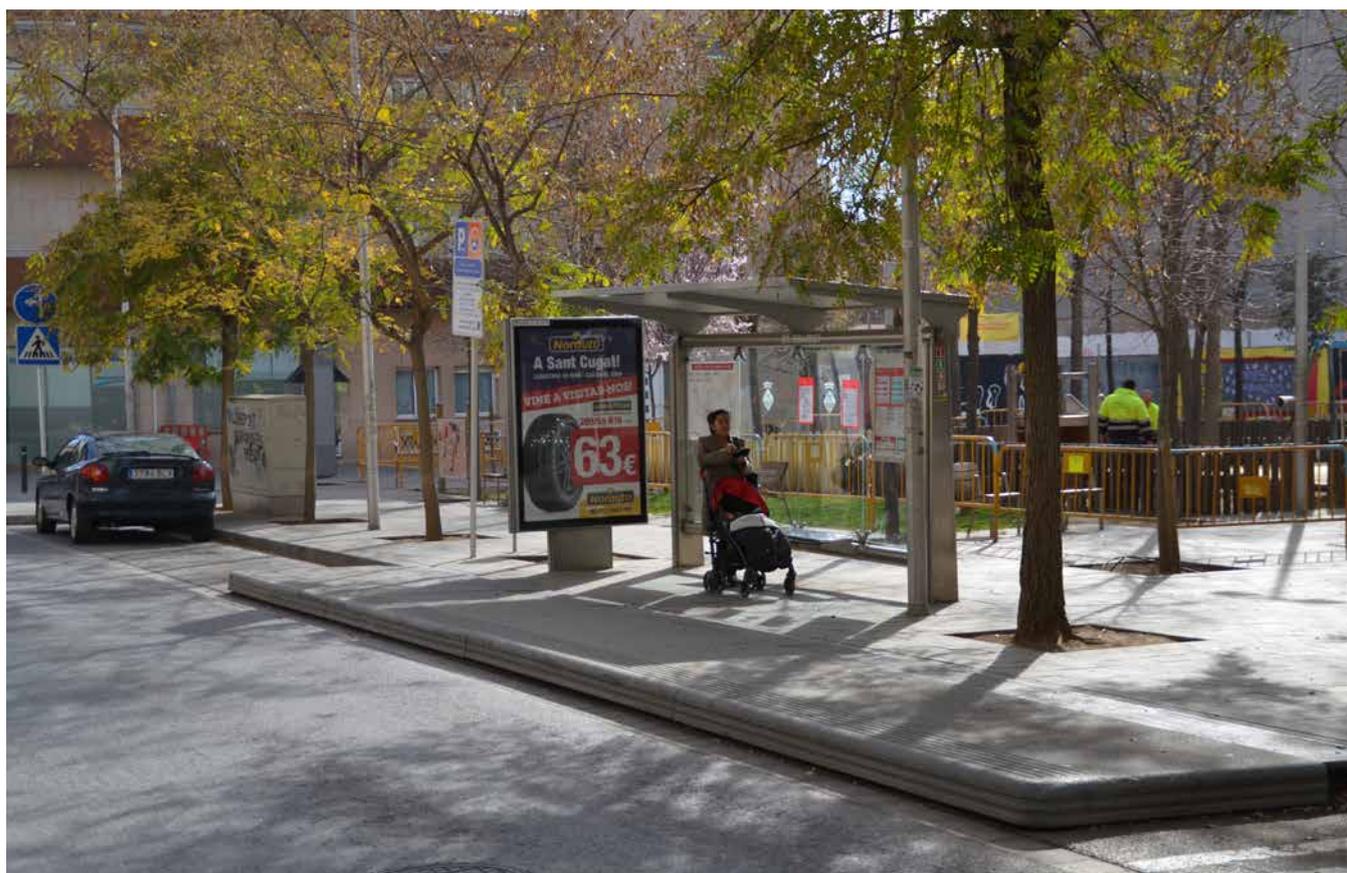
in contrasting grey reflective paint make the modular elements easier to see at night. The ramps have grooved surfaces to prevent pedestrians from slipping.

Material

The platform is made from reinforced concrete, and is supplied in grey granite. The folding bars are made from cast aluminium. Their supports are made from galvanised steel.

Installation

It is installed on the pavement with vertical anchoring pins to secure it and prevent it from moving sideways, without having to be fastened with resin.





The most common platform lengths at stops with conventional buses are 12 and 15 metres, and with four and five modules, respectively. For stops used by articulated buses with longer lengths, a sixth module is added, making a total length of 18 metres.



1. Mobility

Plataforma BUS	Central	Right/Left
Dimensions	300 x 140 (190) x 18 cm	305 x 140 (190) x 18 cm
Weight	1800 kg	1800 kg

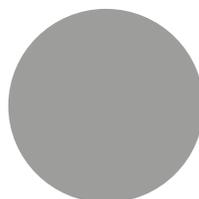
1.1 General features

Material	Concrete	Fixing	Fixed with pins
Finish	Etched and waterproofed and reflective paint at edges		
Ramps	Cast aluminium	Finish	Sandblasted
Supports	Galvanised steel		

Colours



GR. Grey



A. Sandblasted aluminium



B. Galvanised steel

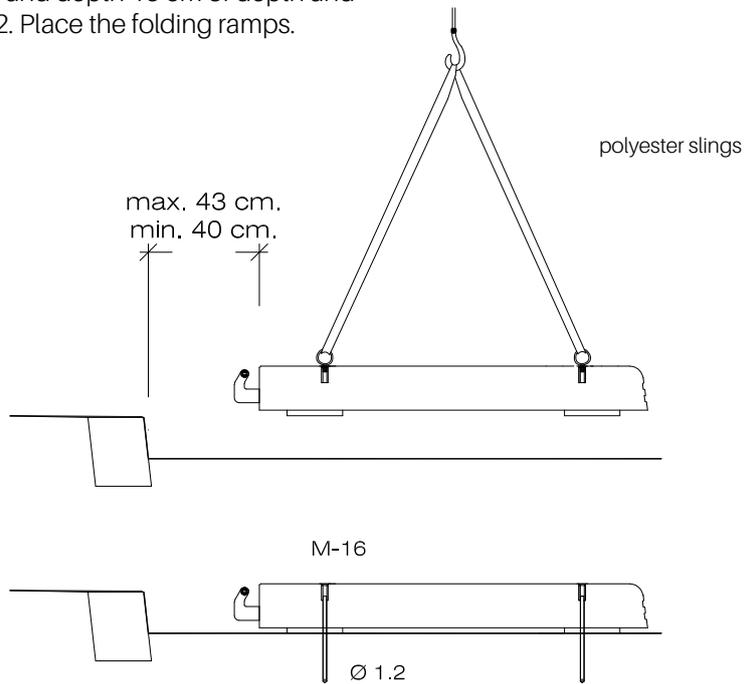
1.2 Installation system

Hoisting

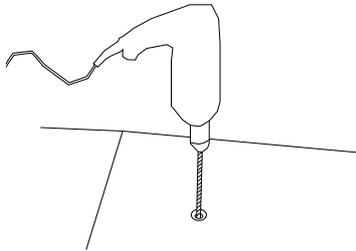
(W= 370 kg)

Installation

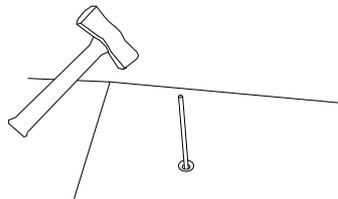
Anchor the element to the pavement after aligning the modules, then perforate with a reel 12 mm and depth 15 cm of depth and nail the corresponding pins M-12. Place the folding ramps.



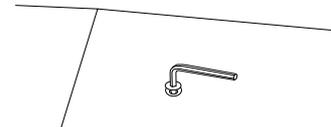
Drilling the pavement through the pins



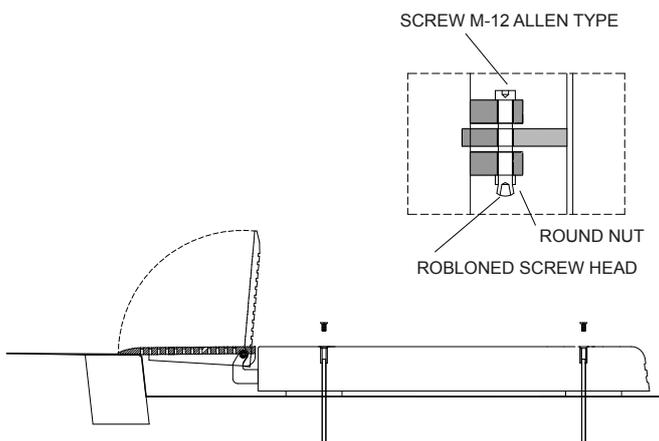
Extraction of dust and sand.
Placement of rod to fix the module
against lateral displacements



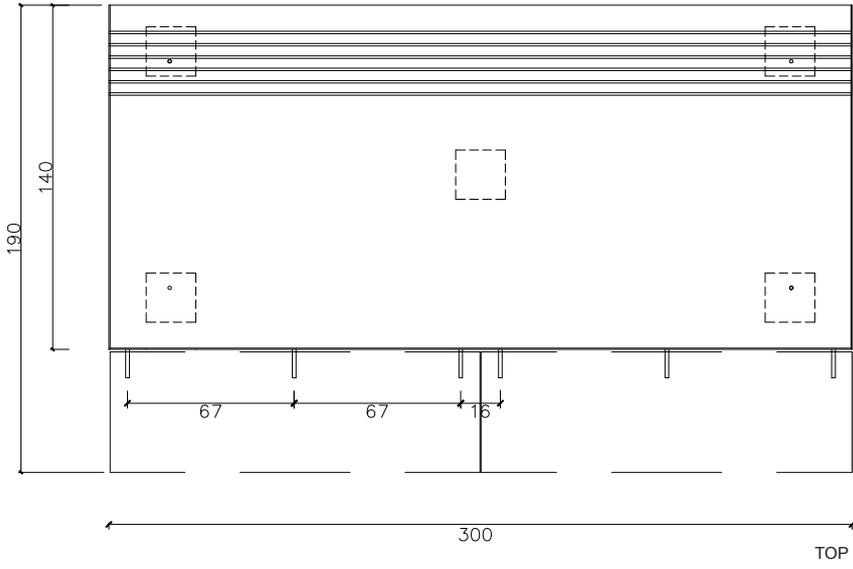
Cleaning and greasing of the
threaded bushing and placement
of the cap screws of the pin



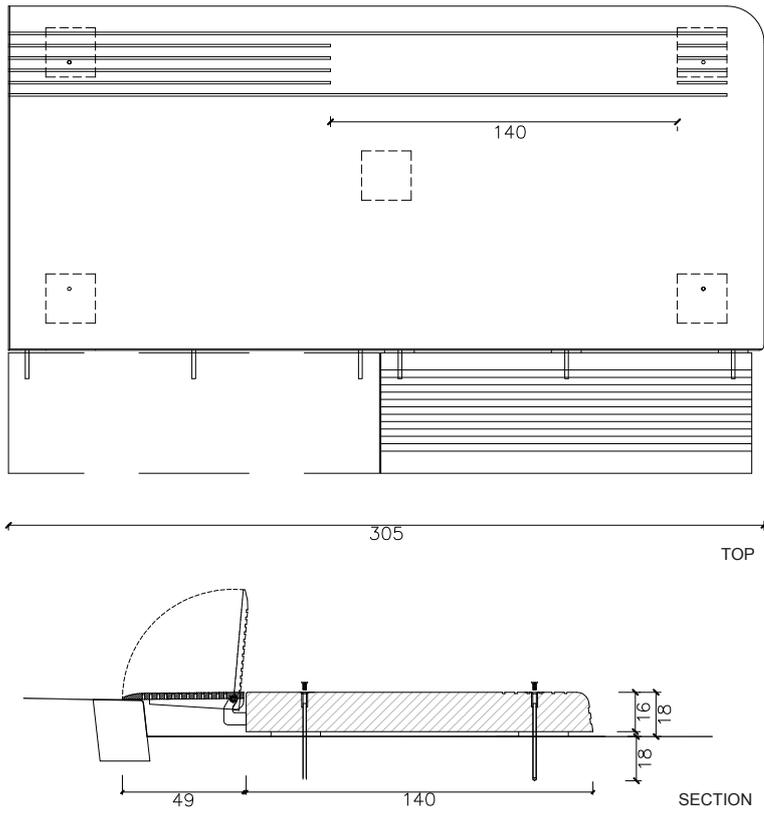
Place the folding ramps



Central module

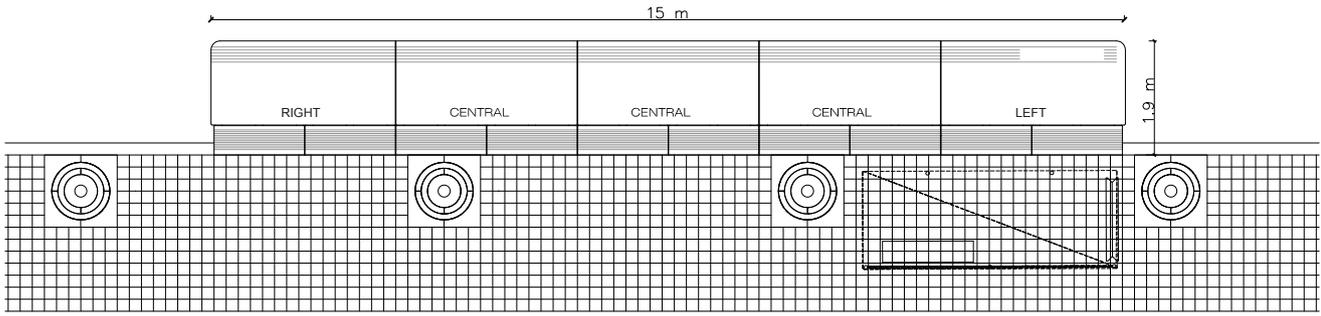


Right / Left module



1.3 Geometry

Ejemplo de colocación





Warranty

5 years in concrete elements.

The names, trademarks and industrial models of the products have been logged in the corresponding registers. The technical information provided by Escofet about its products can be modified without prior notice.

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