

*Highfive* is an anti-intrusion urban element formed by five moulded concrete volumes. Its main objective is to withstand the impact of heavy vehicles in order to protect and guarantee the safety of citizens, organise pedestrian and bicycle flows and limit parking spaces. It can be installed individually or interlocked with other elements to form an unbreakable chain that reinforces the concept of “ethical urbanity and pacification of the city”.

Concrete | 📏 245 cm | ⚖️ 2120 kg | 🗑️ 38/110 L | 💧

🔄 Update 21.07.2020



**Origin**

Highfive was first installed in avenue de France, in Paris, to be tested as a prototype. It has been awarded with the Innovation Neighbourhoods Award and developed within the context of the urban innovation programme Faire Paris 2018, as an energising platform for projects promoted by Pavillon de l'Arsenal and Cité de Paris.

**Design**

*Highfive* is a reinterpretation of anti-intrusion urban protection elements, for use as an alternative to concrete blocks, which fail to adapt well to the requirements of the city, transmuting them into beautiful elements that, in turn, enhance biodiversity.

**Versatility**

A solid, free-standing, one-piece element formed by five volumes. Depending on its specific configuration, it can be used to house plants and small shrubs, as occasional seating for informal use, or simply as a gravel ballast container.

**Modular**

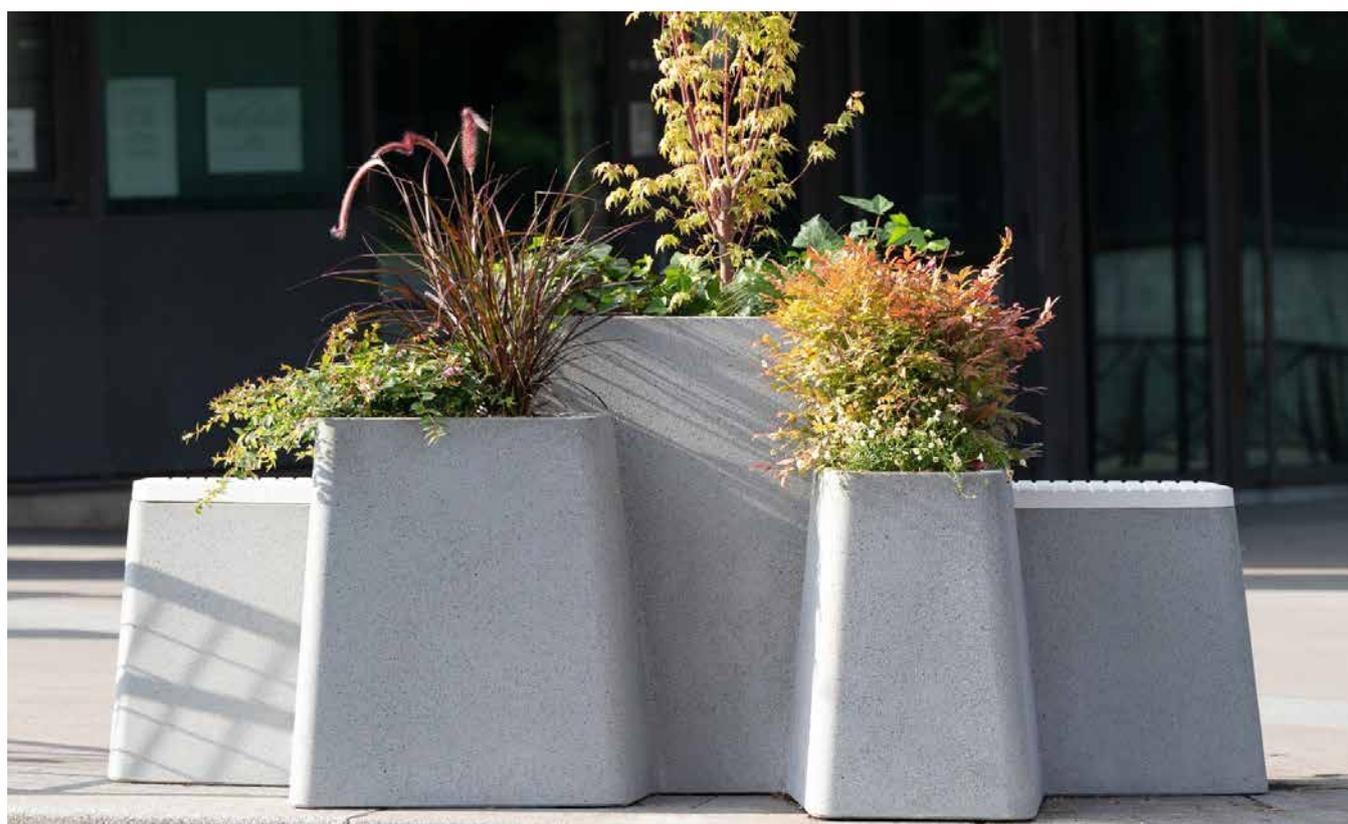
As a modular element, *Highfive* adapts to the geometry of each site, ensuring a balance between safety and usability. The system allows for the interlocking of several units connected by a metal cable, forming an unbreakable chain with a variable length.

**Material**

Moulded concrete, reinforced with stainless steel, with an etched finish and in the *Escofet* standard chart colour. Interior lining made from water-repellent elastomer that is both breathable and flexible.

**Installation**

Highfive has an innovative system for anchoring it to the ground that is activated in response to any eventual shifting. It has four threaded locking rings that enable it to be lifted and moved with slings.





# 1. Urban protection element

## Highfive

<b>Dimensions</b>	245 x 128 x 100 cm
<b>Weight</b>	2120 kg <i>Lids 20 / 30 kg</i>
<b>Capacity</b>	46 L + 38 L + 110 L + 49 L + 43 L <i>Ensemble 286 L</i>

### 1.1 General features

<b>Material</b>	Reinforced concrete / Lids in UHPC Concrete	<b>Fixing</b>	Specific anchored / Free-standing
<b>Finish</b>	Etched and waterproofed	<b>Accessories</b>	Stainless steel / Zinc plated steel

### Colours



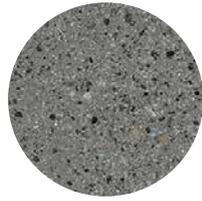
**GR.** Grey



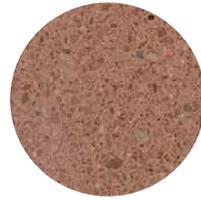
**NG.** Black



**BL.** White



**CA.** CA Grey



**RA.** Red



**BG.** Beige



**UHPC GR.** Grey



**UHPC NG.** Black



**UHPC BL.** White



**UHPC BG.** Beige



**A.** Stainless steel AISI 316

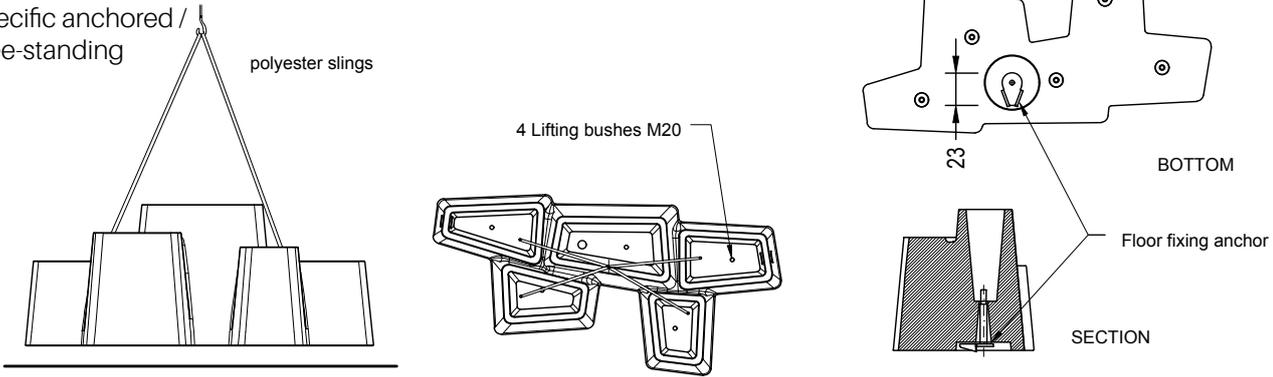
## 1.2 Installation system

### Hoisting

(P= 2120 kg)

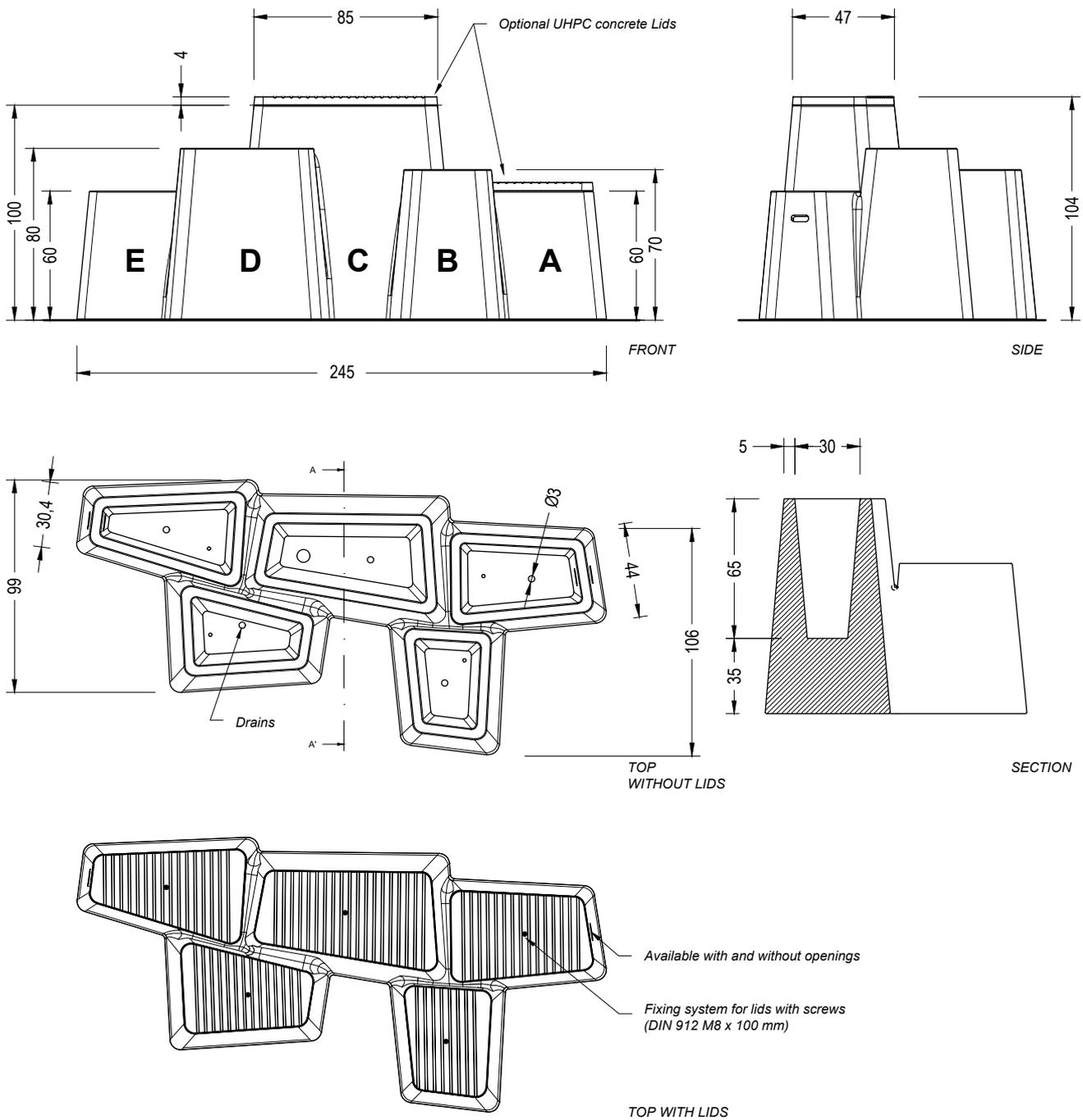
### Installation

Specific anchored /  
Free-standing



## 1.3 Geometría

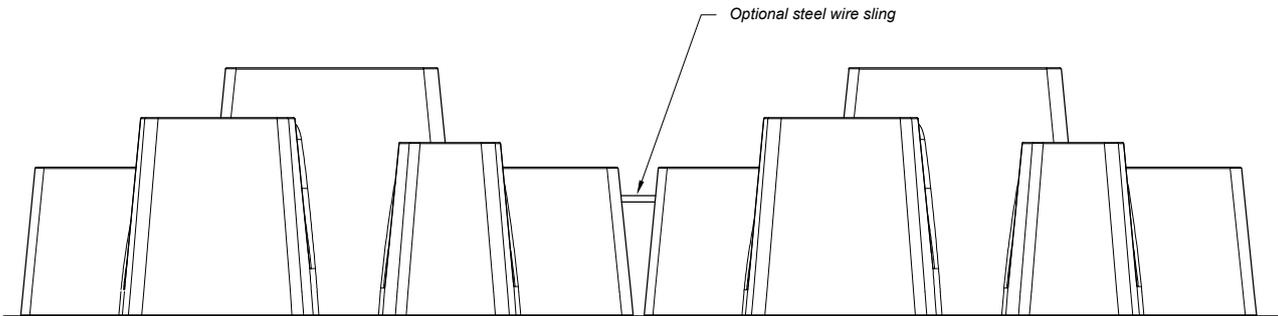
### Highfive



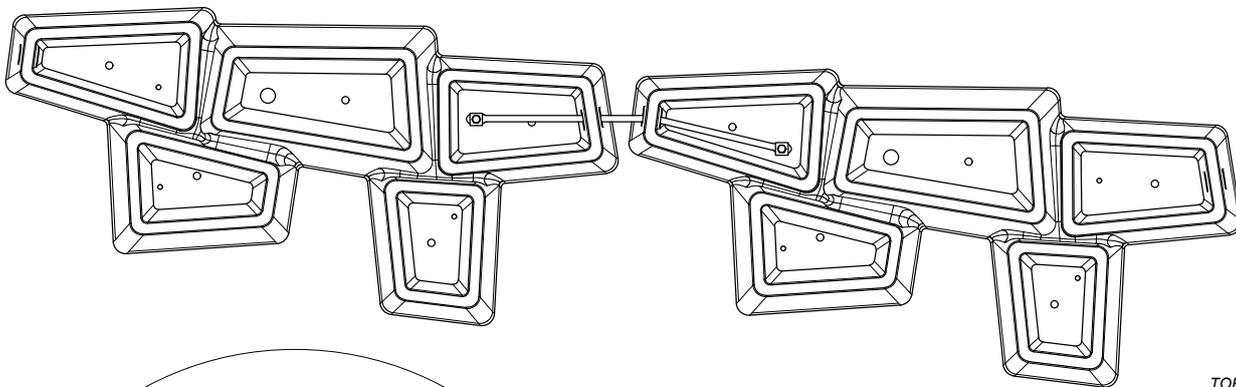
## Steel sling



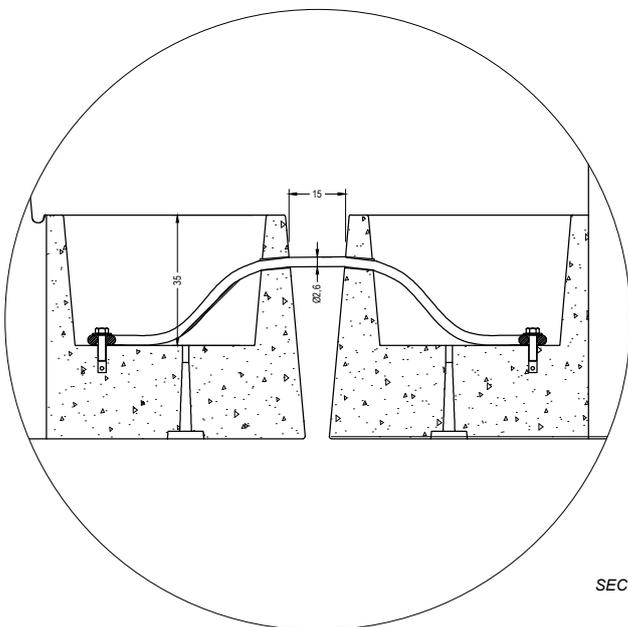
The zinc plated steel sling links the different modules of planters. Load resistant up to 7000 Kg. (68 kilonewtons)



FRONT

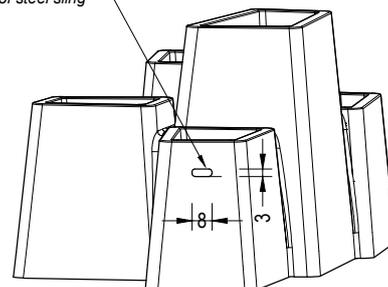


TOP



SECTION VIEW

Optional openings for passage of steel sling

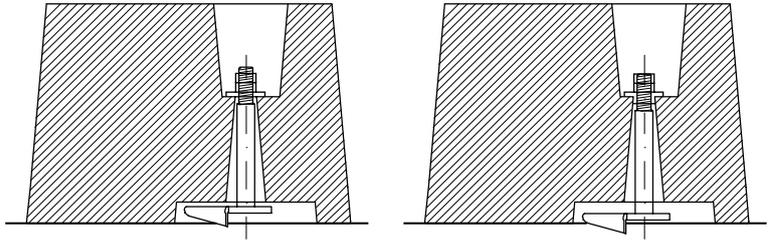


AUXILIAR VIEW

## Anchoring anchor



The displacement of the module causes the rotation and anchoring of the metal part in the deformable floor.



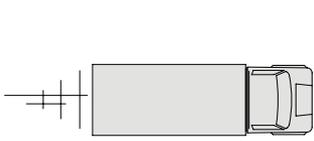
## 1.4 Impact resistance



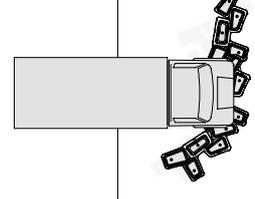
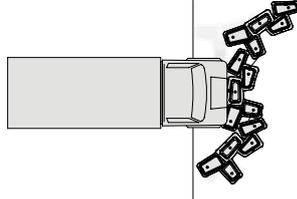
VS



=



+



Finite element impact simulation data, according to test conditions:

Truck Type 12 / 15T  
Mass 7350 Kg  
Speed 80 km / h.  
3 Highfive  
Frontal impact

\* Simulation results available

## Aggregation

---



Without lids



With lids to seat

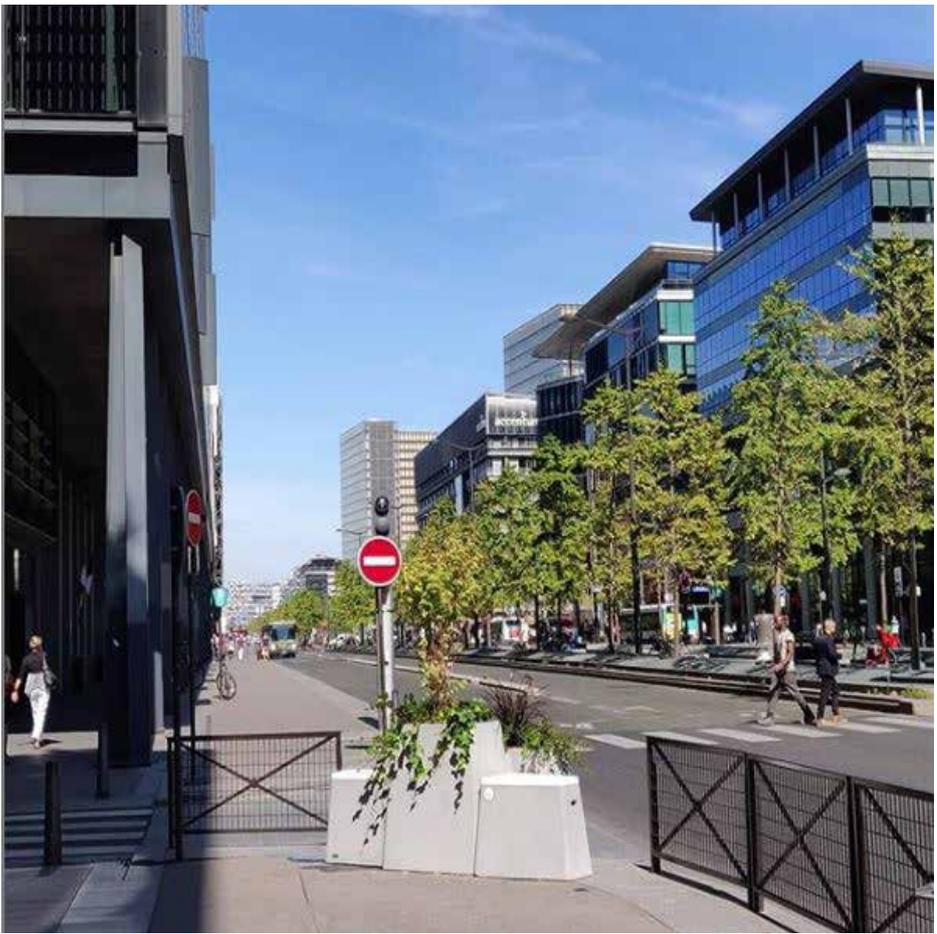


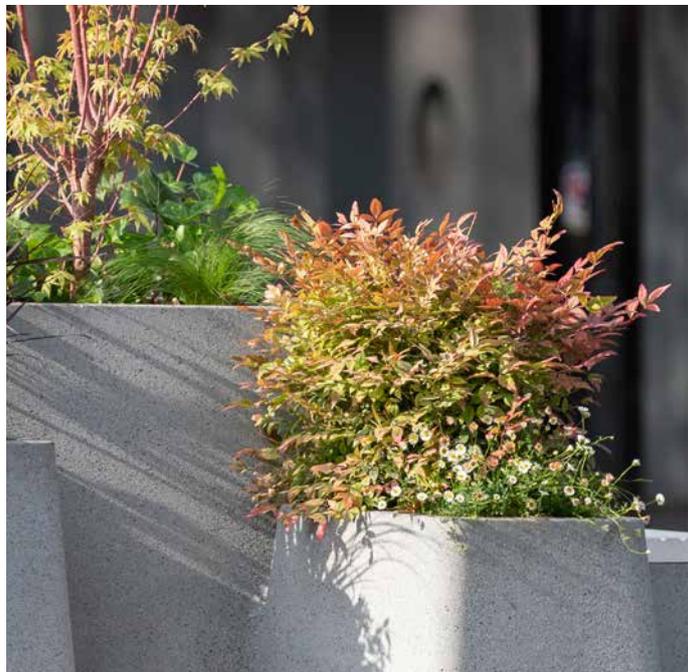
Landscaped



Slinged modules







## 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.

Escofet 1886 S.A  
Head office and production

Montserrat, 162  
E 08760 Martorell  
Barcelona - España  
T. 0034 937 737 150  
F. 0034 937 737 151

info@escofet.com  
www.escofet.com



GA-2005/0072 SST-0090/2010 ER-0403/2016