





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 06.08.2020



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.





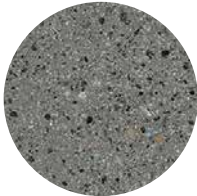
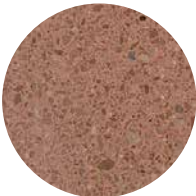
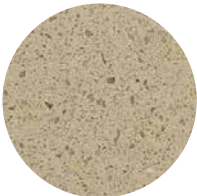


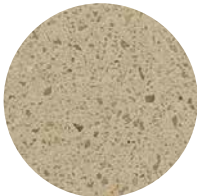



1. Urban protection element

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

1.1 General features

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

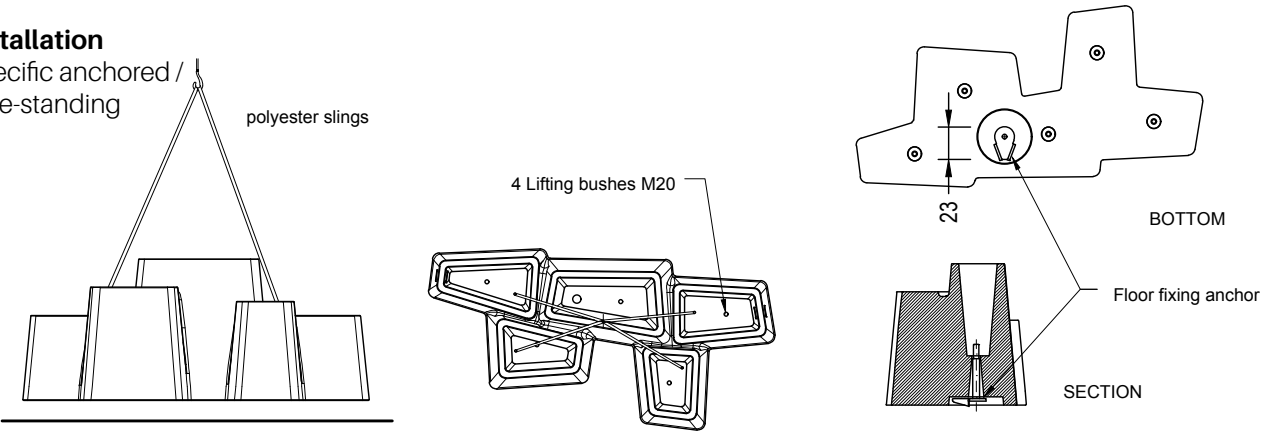
Colours			
	GR. Grey	BL. White	CA. CA Grey
			
	RA. Red	BG. Beige	
			
	UHPC GR. Grey	UHPC BL. White	UHPC BG. Beige
			
	A. Stainless steel AISI 316		

1.2 Installation system

Hoisting
(P= 2120 kg)

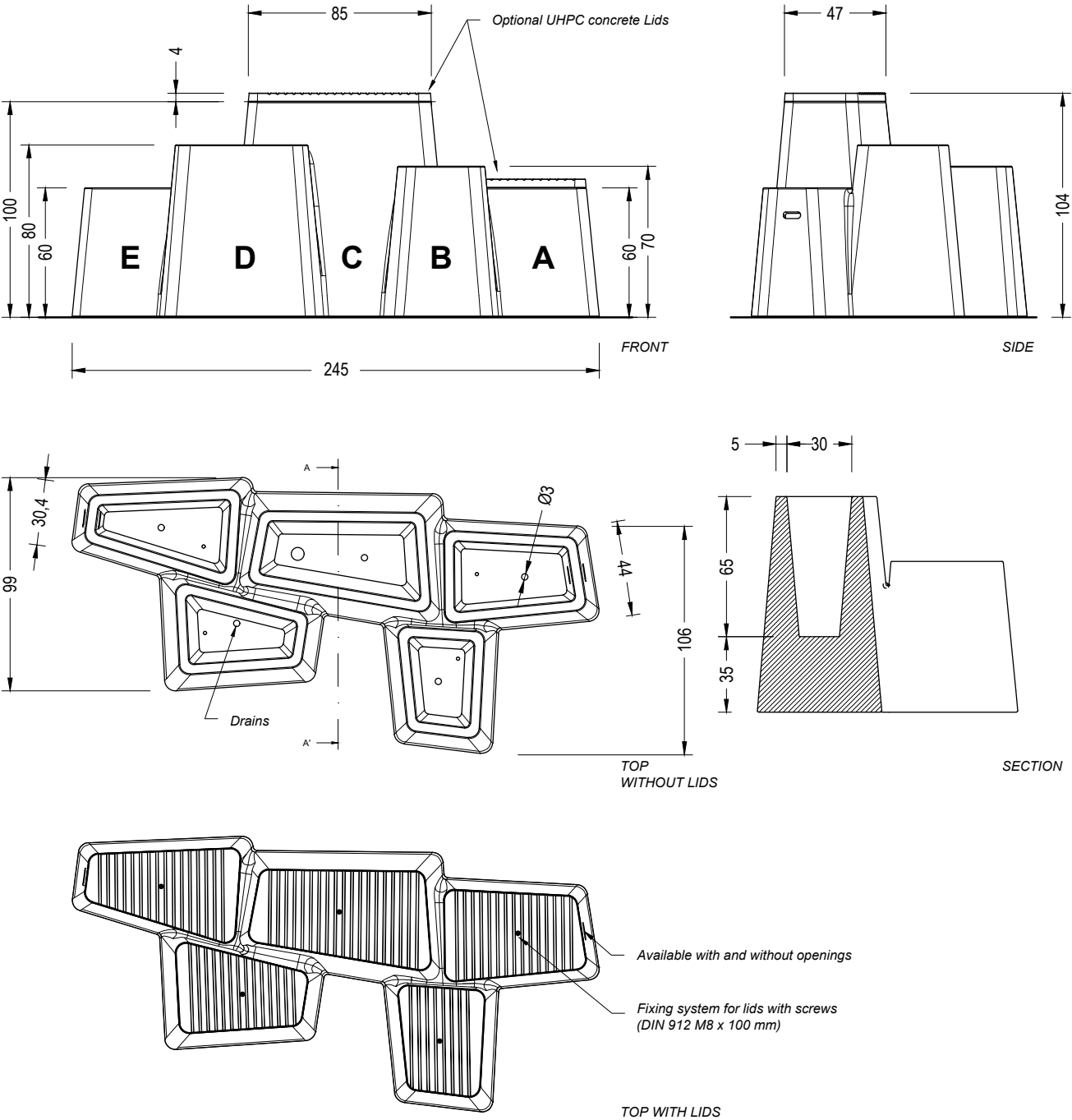
Installation

Specific anchored /
Free-standing



1.3 Geometría

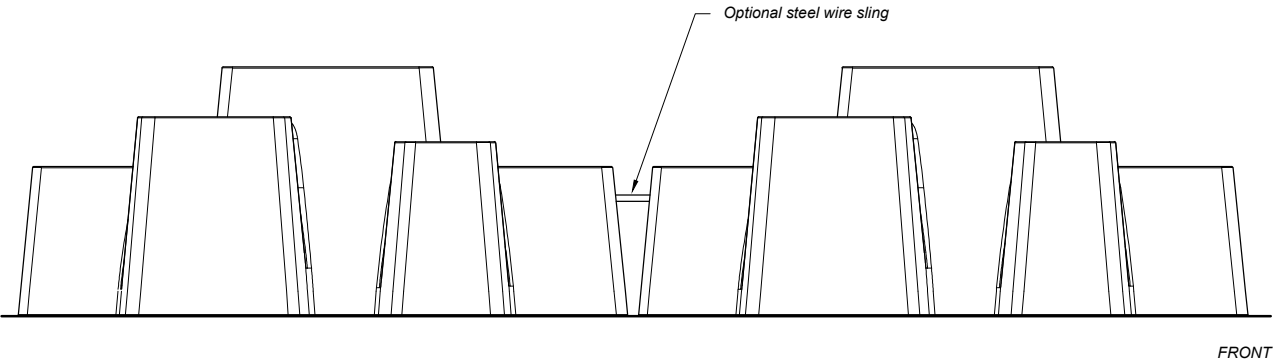
Highfive



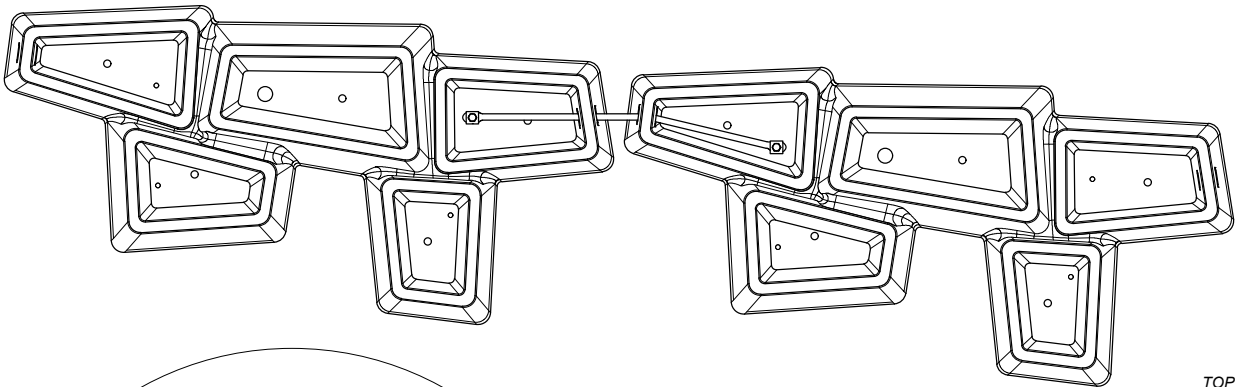
Steel sling



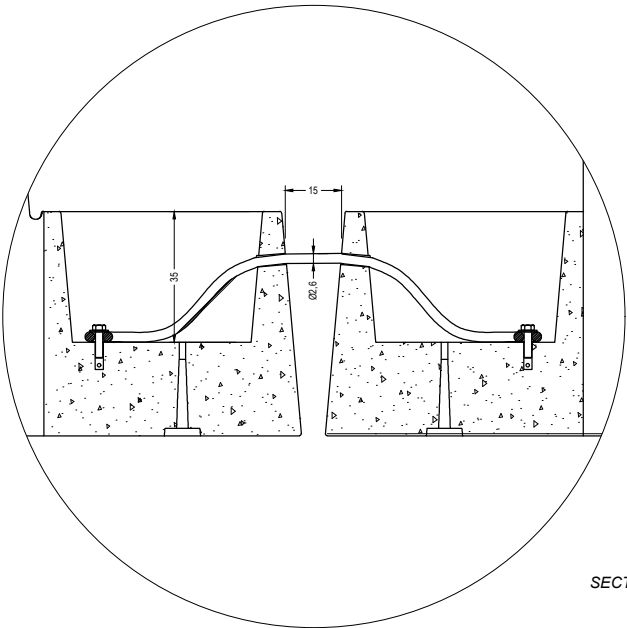
The zinc plated steel sling links the different modules of planters. Load resistant up to 7000 Kg. (68 kilonewtons)



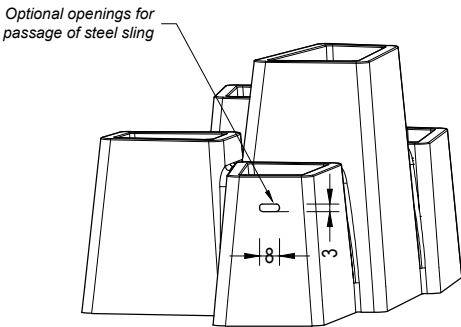
FRONT



TOP



SECTION VIEW

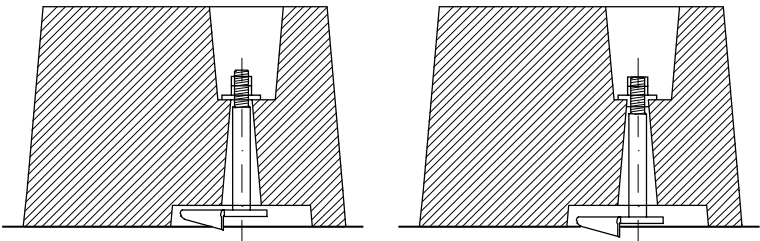


AUXILIAR VIEW

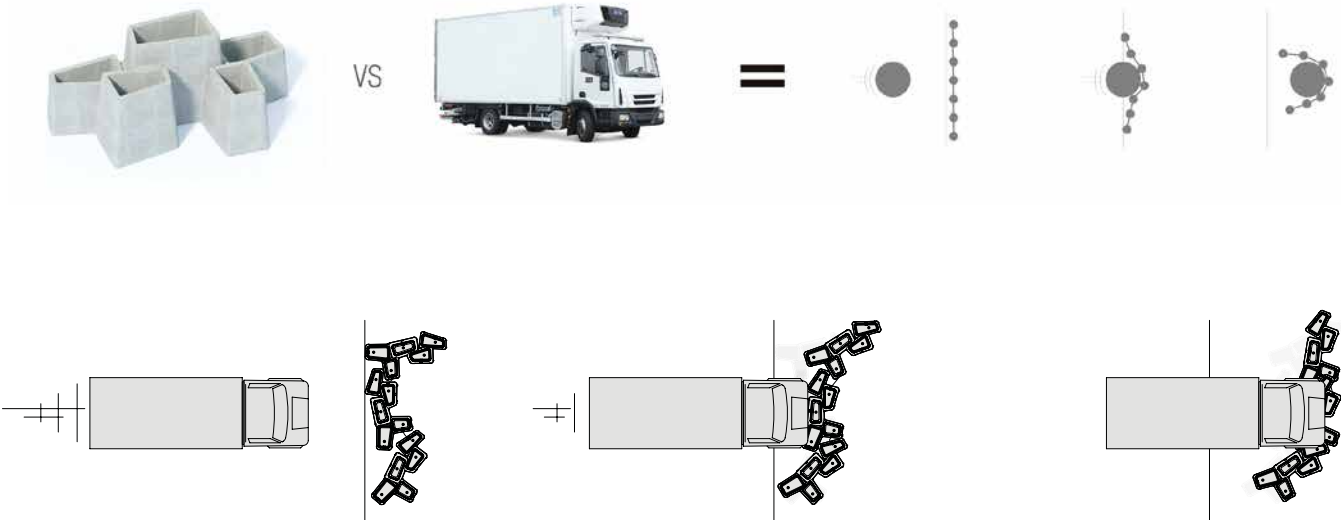
Anchoring anchor



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



1.4 Impact resistance



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



Without lids



With lids to seat

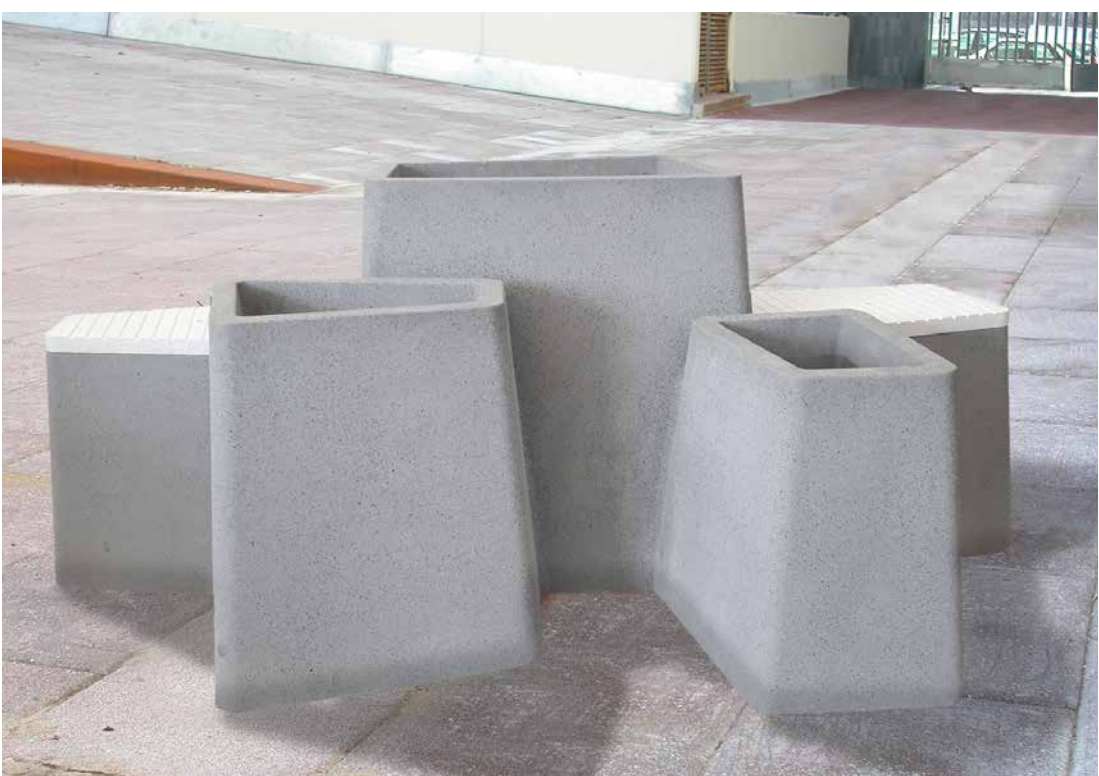
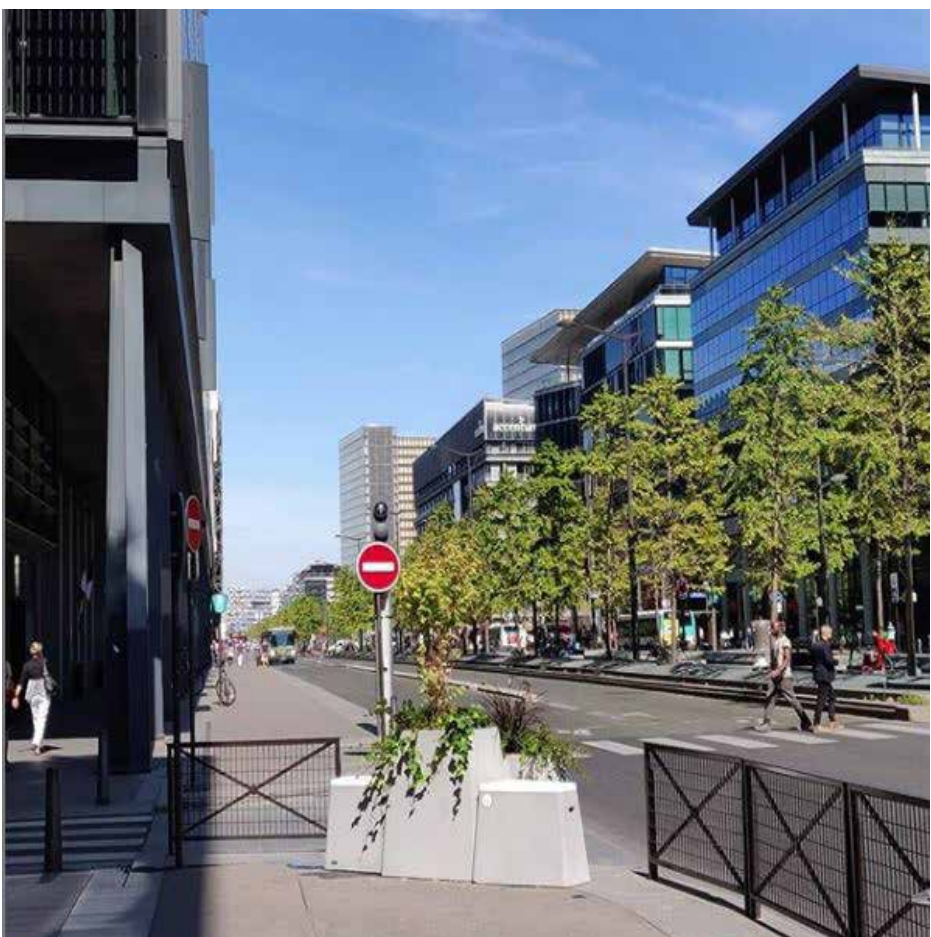


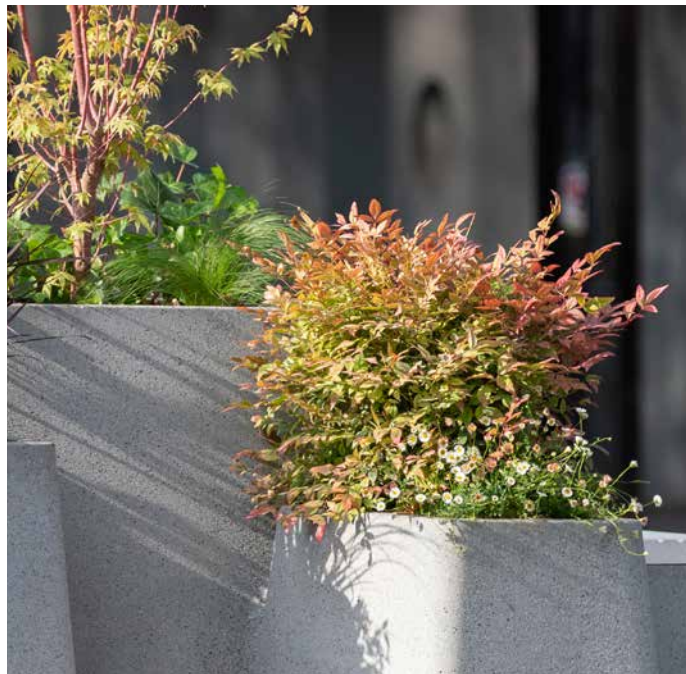
Landscaped



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.

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