

VERTICAL LOADING UNDERGROUND CONTAINER

under.bin 3.000L / 5.000L



FORMATOVERDE®
Waste Solutions

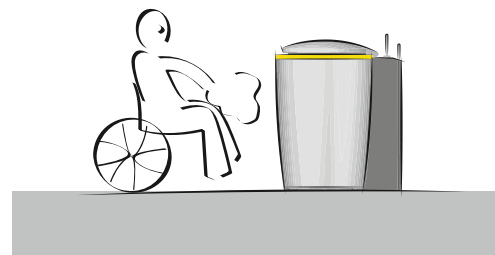
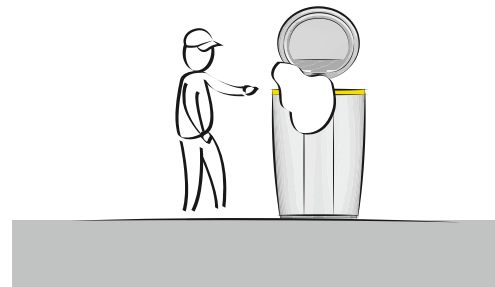
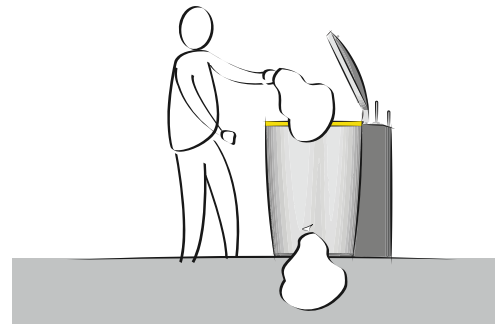
Seamless integration, fast unloading

- Reduced use of space in the street.
- Stylish, pleasant design.
- Promotes selective collection.



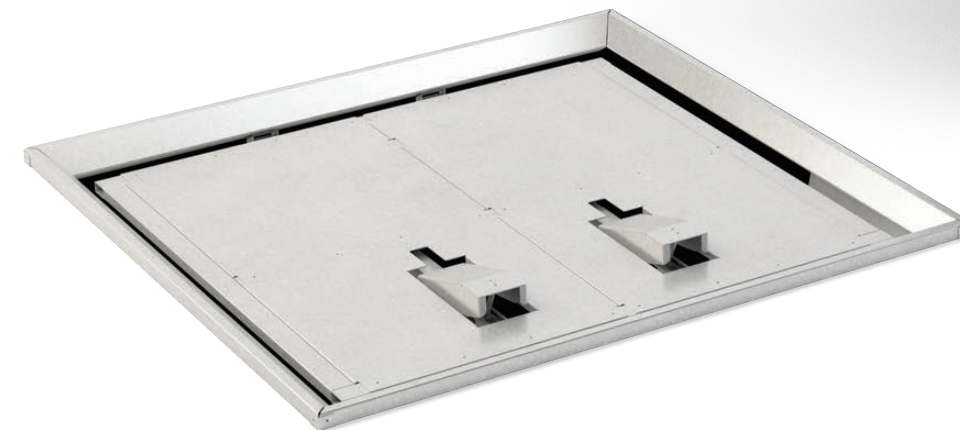
Easy, safe and accessible

- Mouth height: 900 mm (according to safety and accessibility regulation).
- Light, silent-closing lid.
- The Soft Close system prevents noise and entrapments.



Safe for pedestrians, plataforma de seguridad

- Independent double-blocking system.
- Ultra-resilient system that guarantees pedestrian safety.



The key: polyethylene

Minimum weight, easy to unload

Polyethylene bin

- Ultra-resilient: the lightness of polyethylene, sturdiness of met. High shock absorption capacity without deformations.
- Weatherproof: will not rust, mass coloured material.
- Quieter.

Polyethylene underground container

- High shock absorption capacity without deformations.
- Quieter during collection.
- Leachate spill tray with up to 100L capacity.

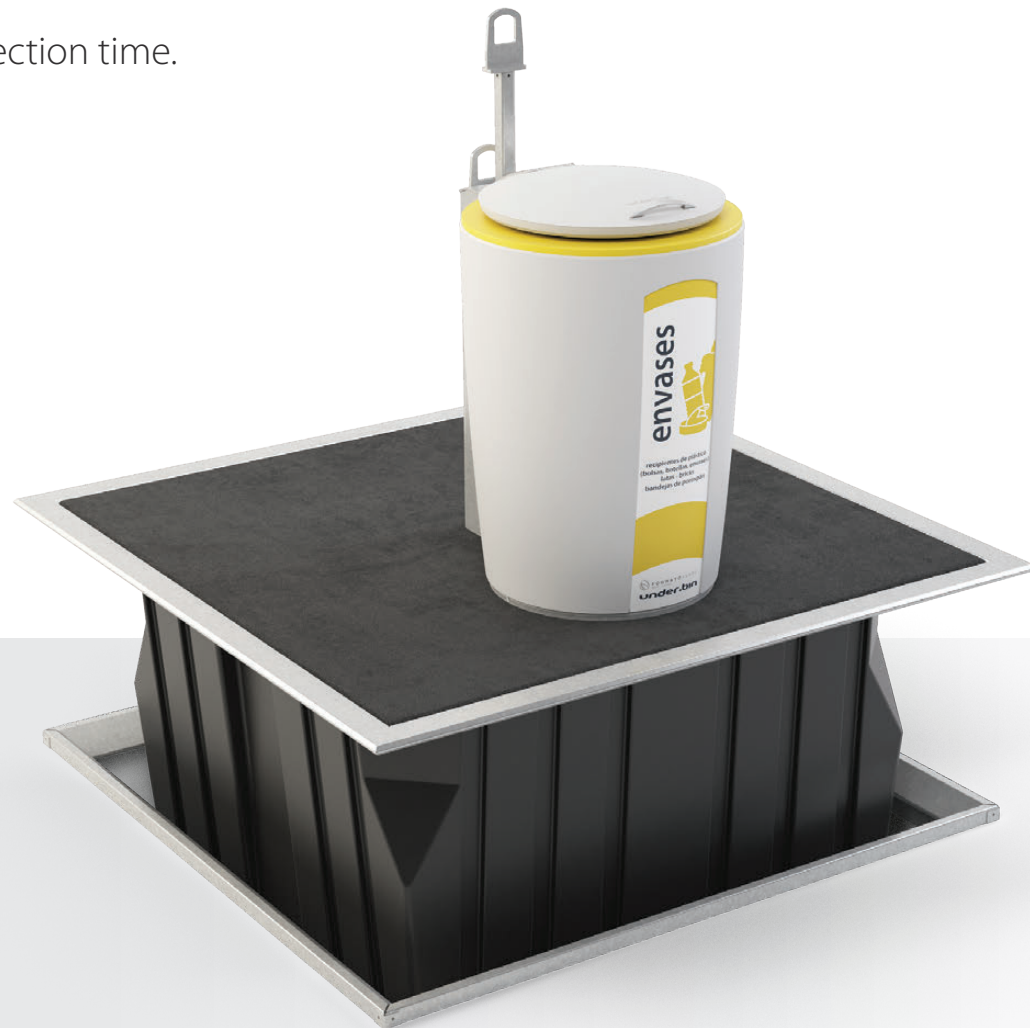


Walkable platform

- Corrosion protection.
- Exterior non-slip coating.
- Easy to clean.

Minimum maintenance, utter simplicity

- All-in-one system.
- Designed to use less parts.
- Less collection time.



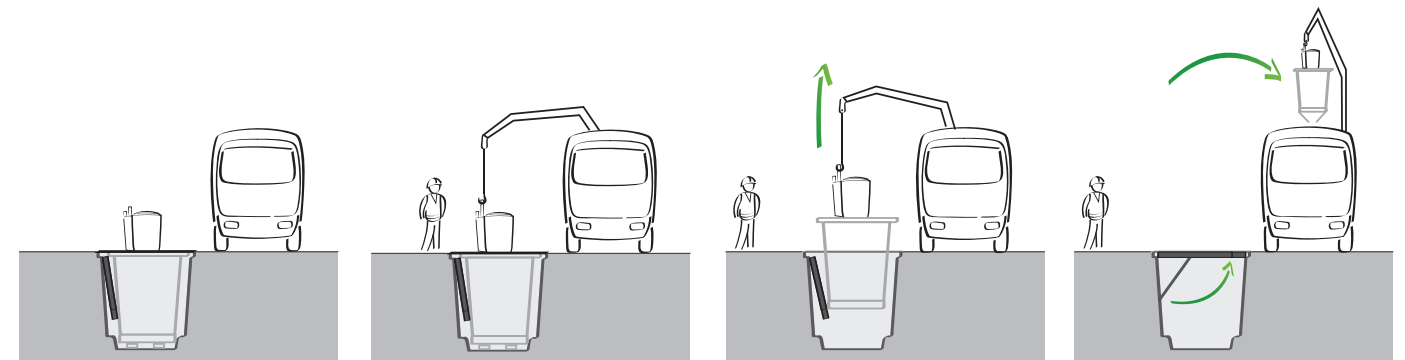
- Faster and with less knocks. The perimeter funnel shape between the frame and the cover makes it easier to position guiding the container, reducing the number of movements and knocks.



Scenario 1:
**Underground container
whilst descending**



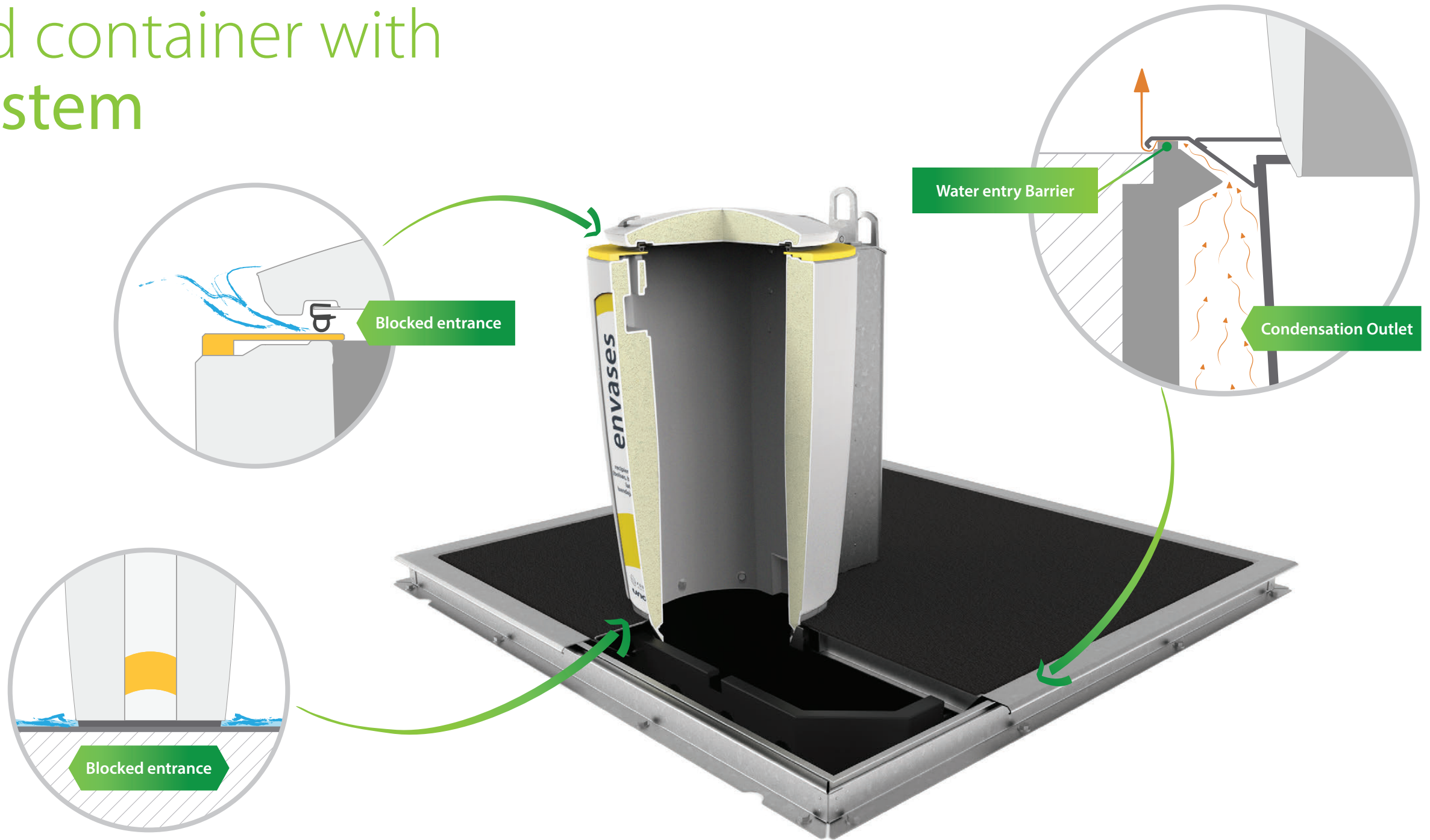
Scenario 2:
**Underground container
at rest**



COLLECTION WITH CRANE-LIFT LOADING SYSTEM

Underground container with breathing system

- Reduces internal condensation.
- Minimizes the entry of water.
- Reduces odours.



Configurations



Double hook

- Standard system for crane-load collection.
- Hook height is accessible for the operator.



Kinshofer / Bilatéral

- KINSHOFER. Compared to the double hook, it prevents the rotation and swaying produced by wind. Standardised and open to different truck manufacturers. An operator is needed on the street to handle the crane control.
- BILATERAL. This allows single-operator control from the cabin using an automatic, automated hook on both sides of the road.

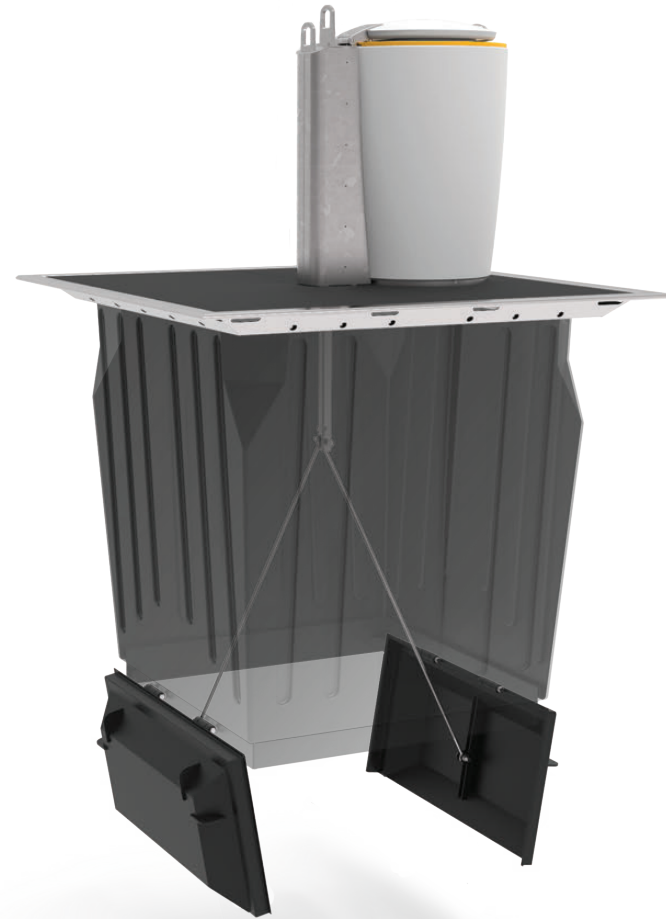


*The Kinshofer and Bilateral System have an additional cost. Check prices with our sales representatives.



Column system

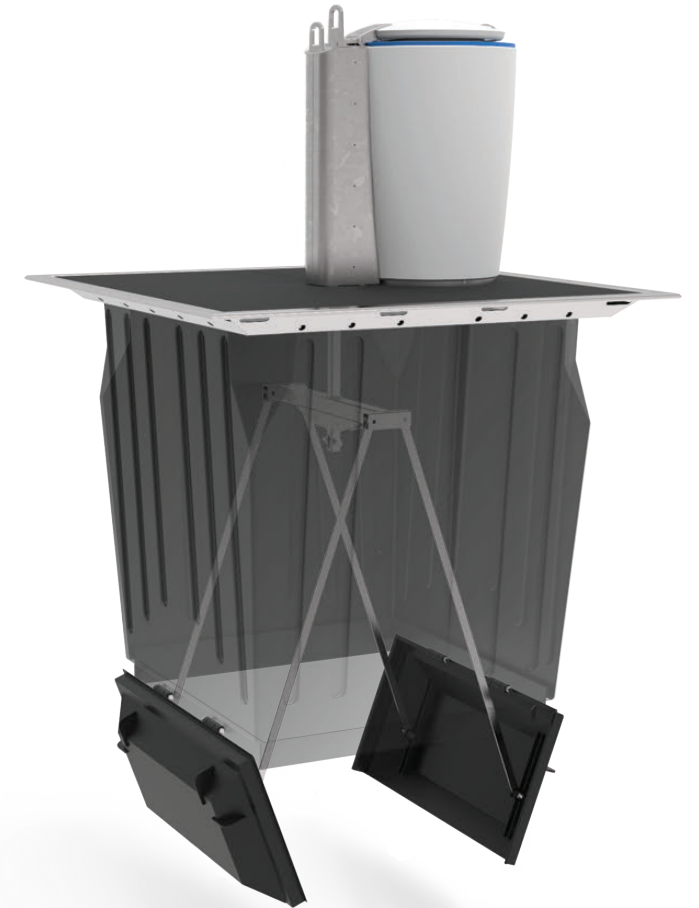
- Simpler. Recommended for packaging and glass.
- Galvanized metal structure.



Hanger system

- Facilitates unloading. Recommended for paper and waste.
- Galvanized metal structure.

*The **Hanger System** has an additional cost, and is not included in the standard product. Check prices with our sales representatives.



Selective collection according to waste type

- Colour associated to each kind of waste in upper ring and in vinyl.
- Wide mouth that allows 50L bags to be introduced.
- Graphics identifying the type of waste: icon and description of the main types of waste that can be deposited.
- Regulations compliant.



Different models



COLOUR VARIATIONS:

Light grey

- It helps dignify the collection system.



VERTICAL LOADING UNDERGROUND CONTAINER | FORMATO VERDE

 **RAL 7047**
LIGHT GREY

Dark grey

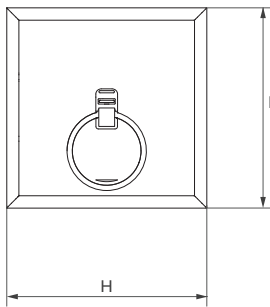
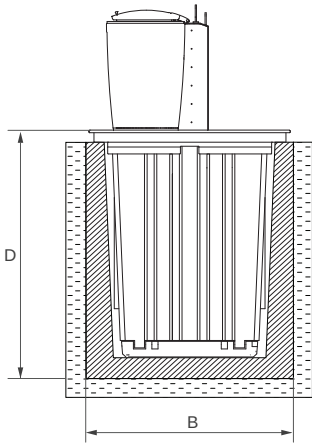
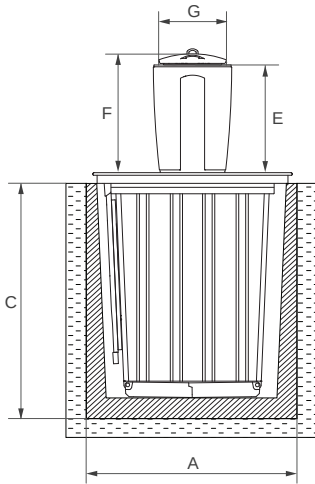
- Less cleaning frequency.
- Improves integration with the environment.



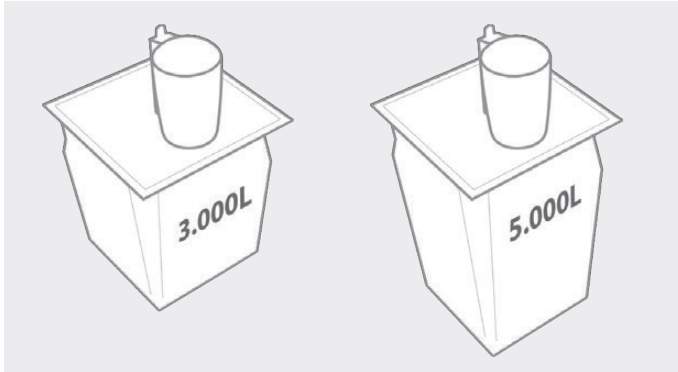
 **RAL 7037**
DARK GREY



UNDERGROUND CONTAINER		
Nominal Volume (approx. L)	3.000	4.500
FORMWORK*		
Inside Length (mm)	1.465	1.465
Inside Width (mm)	1.465	1.465
Inside Height (mm)	1.760	2.865
PIT		
A Total length (mm)	1.665	1.665
B Total width (mm)	1.665	1.665
C Total height (mm)	2.150	2.835
D Height including pavement (mm)	2.180	2.865
WEIGHT		
Maximum weight according to regulations (approx. kg)	1.475	2.225
Weight when empty (approx. kg)	275	425



TOP BIN		
E	Lid opening height (mm)	900
F	Total height (mm)	985
G	Inner diameter for discharge (mm)	440
PIT		
H	Total length (mm)	1.665
I	Total width (mm)	1.665



*Underground container adaptable to other formwork in the market.

Production
We use a roto-moulding system, with polyethylene to manufacture the UNDER.BIN range, this is a mass-coloured material that is stabilised against UV rays and water.
Precast concrete elements are made according to standard EN-206. Underground containers are made of HDPE and have a leachate retention capacity of 100 l
The safety platform and the walkable platform are made of galvanized steel sheet.



UNE-EN 13071-1 & UNE-EN 13071-2 REGULATIONS
Designed and manufactured in Spain, in accordance to UNE-EN 13071-1 and UNE-EN 13071-2. The UNDER.BIN meets all the tests defined by the European regulations:
Resilient safety road surface.
Functional safety road surface and safety platform.
Resilient walkable platform.
The protruding part is highly resistant to external knocks.
Weather and corrosion resistant plastic and metal parts.
Noise level marking for the glass option according to Directive 2000/14/EC on noise emissions.



FORMATOVERDE®
Waste Solutions

“A change perceived by citizens”

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AWARDS:



A'DESIGN AWARD
WINNER 2013
PLATINUM



FORMATOVERDE IS CERTIFIED IN:



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ISO 14001:2015

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