



mobility made safe and easy



Overview
Access Control
ICT
Complements
Emotion

HIGH SECURITY

HIGH SECURITY

MANAGE, CONTROL, SECURE AND PROTECT SENSITIVE SITES

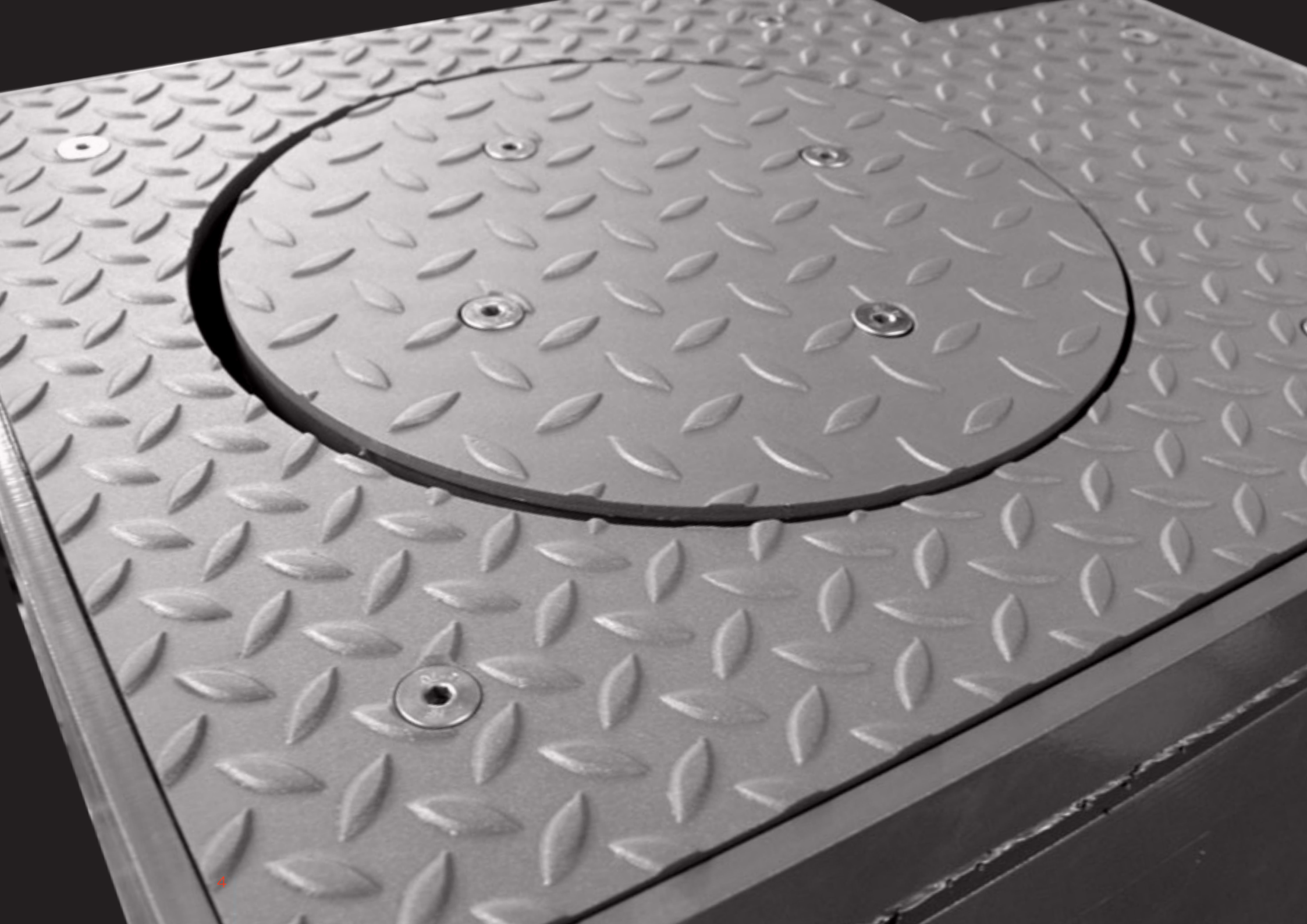
Urbaco High Security Solutions have been designed to secure sensitive areas with a need to protect buildings or persons.

Thanks to their extraordinary shock resistance, they meet the highest impact-resistance requirements: ASTM, PAS and DOS standards.

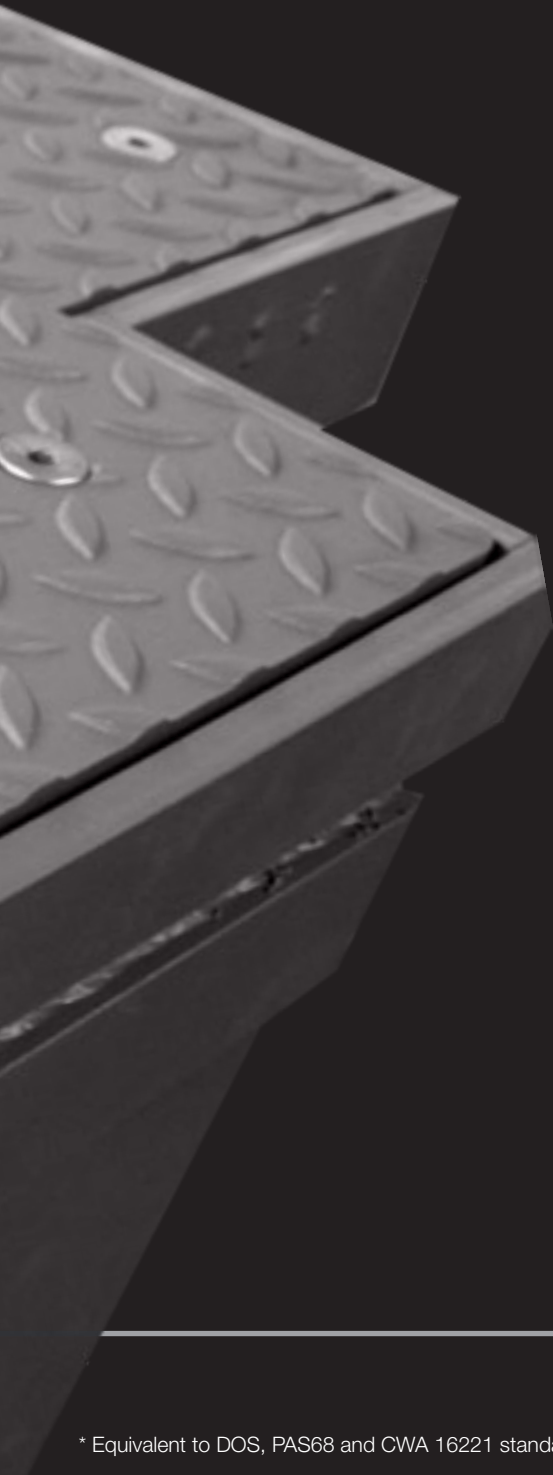
Crash-tested, certified and approved by independent bodies, Urbaco High Security Solutions are routinely installed to ensure the security of access points to Government Buildings, Ministries, Embassies, Consulates, Nuclear Power Stations, Barracks, Military Bases, Prisons, Airports and Banks...

Bollard or Road Blocker, Urbaco promises high security solutions.





High Security ONE Bollards



High
resistance
crash-tested ASTM-F-2656-07*

* Equivalent to DOS, PAS68 and CWA 16221 standards

High Security ONE Retractable Bollards

HIGH SECURITY

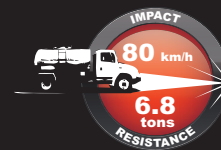


Synonymous with robustness and technology, the High Security ONE retractable bollard range distills more than 25 years of Urbaco experience with quality dedicated to high security proven by ASTM2656-07 M50-P2* standard crash tests, one of the most rigorous international standards for impact resistance.

Just one ONE50 bollard can withstand the impact of at 6.8 tonne vehicle launched at 80 kph.

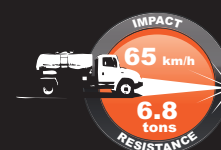
And, thanks to crash-test modelling, ONE40 and ONE30 bollards have been designed to successfully meet the requirements of standards ASTM2656-07 M40** and ASTM2656-07 M30***.

ONE50



* equivalent to K12 (DOS), V6810 80/2,15/30 (PAS68) and V/[N2]6810/80/90:2,15/30 (CWA 16221)

ONE40



** equivalent to K8 (DOS) and 6810/65 (PAS68)

ONE30



*** equivalent to K4 (DOS) and 6810/50 (PAS68)

Surface Coating and Finish

The bollard gets a rich in zinc primer as standard in order to reinforce its rust-inhibiting performance and improve the polyester finishing paint adherence.



RAL3020



Other RAL
in option

Dimensions (mm)
325x1000

Visibility

Class II reflective band, white or yellow depending on legislation in force

Optional LED lighting ring on top

Construction

The bollard has a steel body with teardrop finishing plate for improved grip for vehicles passing over the lowered bollard

Rise and Fall Time

Rise/fall time of 5 seconds (ambient temperature 20°C)

With the optional Emergency Fast Operation (EFO) system the bollard can rise in just 1.5 seconds in an emergency

In standard configuration, the bollard has negative security. In the event of a power cut the bollard remains in whatever position it was in before power was lost.



Control Centre

Hydraulic
Operating temperature range: -20° to +50°C
IP54

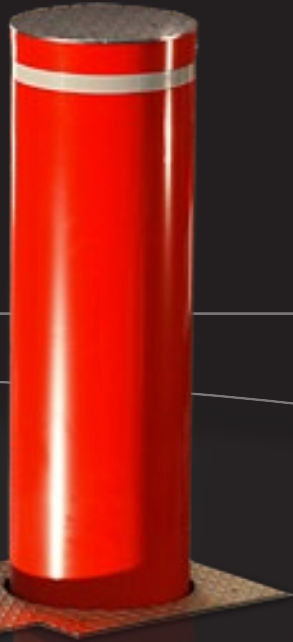
Complementary High Security ONE Bollards

The High Security ONE bollard range comprises one removable bollard and two fixed bollards.

REMOVABLE Version

The REMOVABLE bollard enables an access point equipped with one or more automatic bollards to be closed off, with the advantage of being able to permit the whole access point to be opened when required.

Its structure is based on the retractable version without the hydraulic mechanism. The bollard is positioned in a bespoke housing which, together with its ground cover plate, gives the bollard the same level of impact resistance as an automatic bollard.



FIXED Version

The fixed bollard complements automatic installations, guaranteeing the same impact resistance.



SHALLOW MOUNTING FIXED Version

The SHALLOW MOUNTING fixed version guarantees the same level of security as a «traditional» fixed bollard, but with a fixing depth of only 36 cm. It is designed to meet the need to protect sensitive access points where foundation depth is limited.





High Security ONE Bollards: options



Security

Emergency Fast Operation - Bollard rises in 1.5 seconds using 2-speed pumps
Manually operated lift pump in the event of electricity supply failure



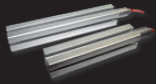
Installation

Hydraulic accessories
Oil hose, 1, 5, 10, 15, 20 or 25 metres in length with fast-fit crimped fittings



Customisation

Choice of non-standard RAL paint colour
White or red lighting ring on bollard cap



Heating Kit

The heating kit guarantees correct operation of the bollard even in cold conditions (down to -20°C and down to -50°C)



Movement Warning Buzzer

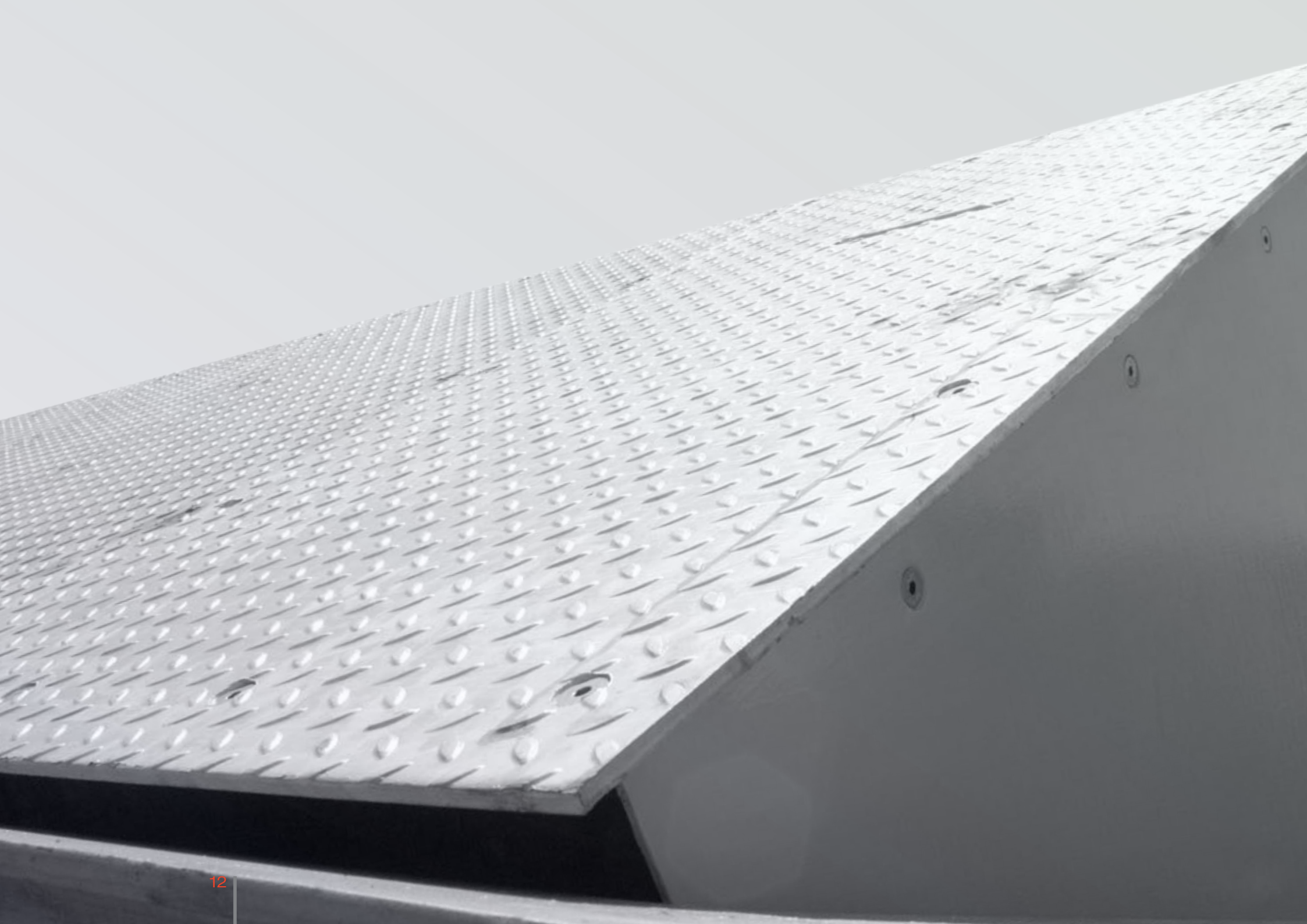
A buzzer with a 60 to 80 dB output at 10 cm sounds when the bollard is in movement



Miscellaneous

Optional up and down limit switch damping





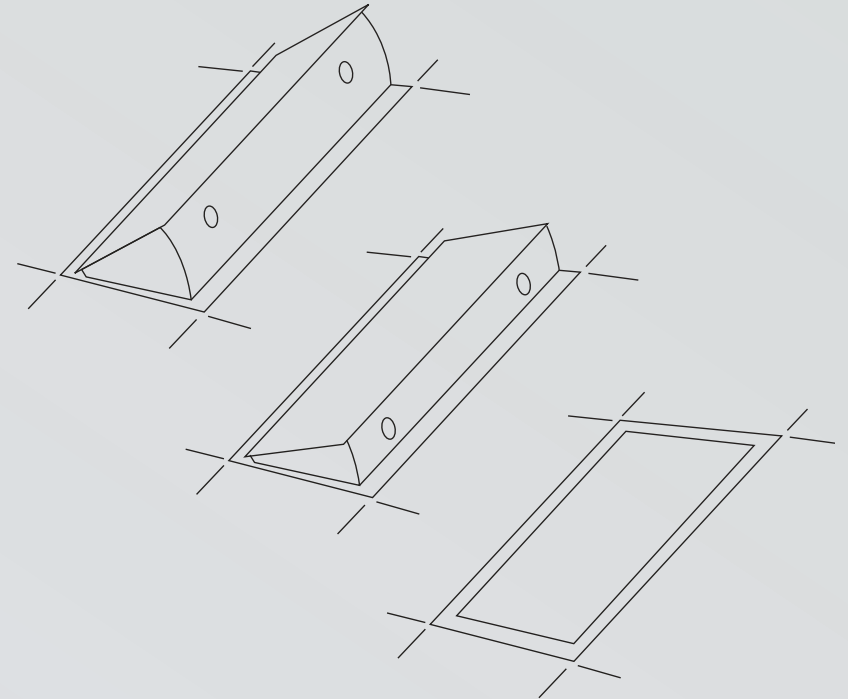
Road Blocker

Enhanced
protection
High impact resistance

ROAD BLOCKER

The Road Blocker complements the Urbaco High Security Solutions range. The road blocker secures access points by covering the entire width of the access point.

HIGH SECURITY



Surface Coating and Finish
The Road Blocker gets a rich in zinc primer as standard in order to reinforce its rust-inhibiting performance and improve the polyester finishing paint adherence.



Yellow RAL1021
Black RAL 9005



Other RAL
in option

Resistance

ASTM2656 M50
- equivalent DOS K12 and PAS68 7500/80

Capable of withstanding forces from 10 to 30 tonnes.

Dimensions (mm)

Width: 3000 to 6000
Height: 665 to 800

Material

Galvanised steel (housing and wall)

Rise and Fall Time

Rise time: 4-5 seconds; fall time: 2-3 seconds
Optional Emergency Fast Operation (1.5 seconds)

Warning Lamps

2 LEDs ø 200mm
Red, Orange or Yellow



Control centre

Hydraulic
Dimensions (mm): 1500 X 800 X 600

Manually operated lift pump in the event of electricity supply failure
Operating temperature range: -30° to 60°C
IP55/3-phase



ROAD BLOCKER: Options



Security

Emergency Fast Operation - Emergency rise time: 1,5s



Customisation

Choice of non-standard RAL paint colour



Heating Kit

The heating kit guarantees correct system operation even in cold conditions (down to -20°C and down to -50°C)
Cooling system




URBACO





Some references

PROTECTION OF BANKS

Richmond Federal Reserve, USA
Rothschild Bank, Switzerland
Pictet & Cie Bank, Switzerland
Banque de France
Numerous french banks agencies as Société Générale, Crédit Agricole, BNP, Banque Populaire, Caisse d'Epargne...across the Europe

HIGH SECURITY INSTALLATIONS

Many embassies, e.g. France, Netherlands, Spain, etc....
The Pentagon, Washington DC, USA
Military bases and federal buildings, USA
Secret Services Buildings, Seoul, Korea
Emirs Palaces in Dubai and Qatar
French Police Headquarters, Paris
Presidential Palace in Dakar, Senegal
American military base, Kuwait
Miraflores Locks, Panama Canal

mobility made safe and easy

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URBACO S.A - a limited liability company with a capital of 1,5 M€ - Siret 3394497800032 H.C.S. - AVIGNON 1999 B 40305 - V.A.T. FR 06 539 446 07 8w



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HIGH SECURITY-V2-EN