

LUXOR

Range

Technical sales brochure





Urbaco

Urbaco is a key leader on the market for access control systems using retractable bollards. The firm is constantly developing in order to meet the numerous prestigious orders we receive from all over the world. Our technology is Quality certified. In addition to the products, systems and all-inclusive solutions we offer here at Urbaco, we make every effort to develop our range of services (research and development, after sales and maintenance services, training) and honour the trust our customers place in us with the help of our network of partners and collaborators.

Urbaco quality

Our own strict standards and those of our customers lead us to test and monitor the quality of our products and processes and their compliance with current standards on a daily basis. Quality is our priority at Urbaco. For this reason we have decided to set up an integrated quality and environmental management system.



LUXOR

Range

Pneumatic Luxor: style and comfort

Reliability, protection and extremely good value for money combined with beauty and elegance. Luxor is the answer for private individuals and public applications where elegance is as important as the more practical aspects of control and comfort. Large business centres, supermarket chains, car dealers, and historical centres have all opted for Luxor's innovative technology and design. A siren sounds when the bollard moves to warn pedestrians and cyclists of a moving obstacle. Luxor is also your ally for environmentally-friendly traffic regulation!

Removable and Fixed Luxor: in harmony with its surroundings

The removable Luxor and its fixed version will protect pedestrian areas or allow access to be opened very occasionally in harmony with the surroundings. These aesthetic delineators are designed to blend in with the atmosphere and existing architecture of the location. Like their retractable counterparts, fixed and removable Luxor bollards have a yellow or white reflective strip and the top of the bollard is painted black.



p.4
Pneumatic Luxor



p.8
Removable Luxor



p.10
Fixed Luxor



Pneumatic LUXOR

Description

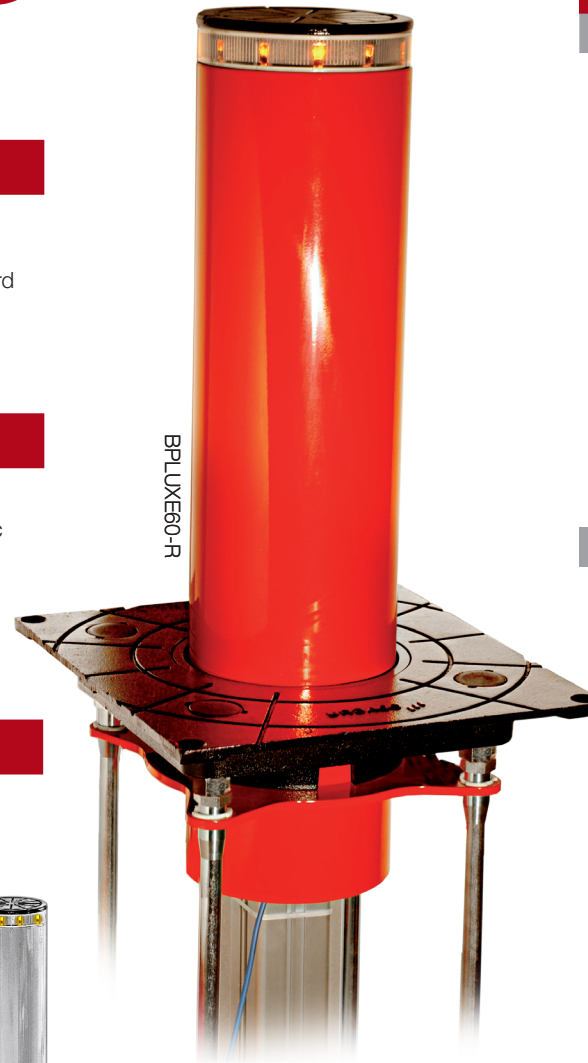
- Retractable pneumatic bollard developed for all types of installation.
- Raising and lowering controlled by transmitter
- Illuminated ring of 12 extremely bright LEDs radiating light from the centre of the bollard to the outside via 12 transparent PVC channels.
- Blends in perfectly with the pavement when lowered.

Features

- Material: HLE carbon steel.
- Cover and head made of GJS 500 ductile cast iron, treated to withstand atmospheric agents.
- Impact-resistant illuminated LED ring, intense light including siren
- Vertical thrust: 1500 N
- All colours available

Safety

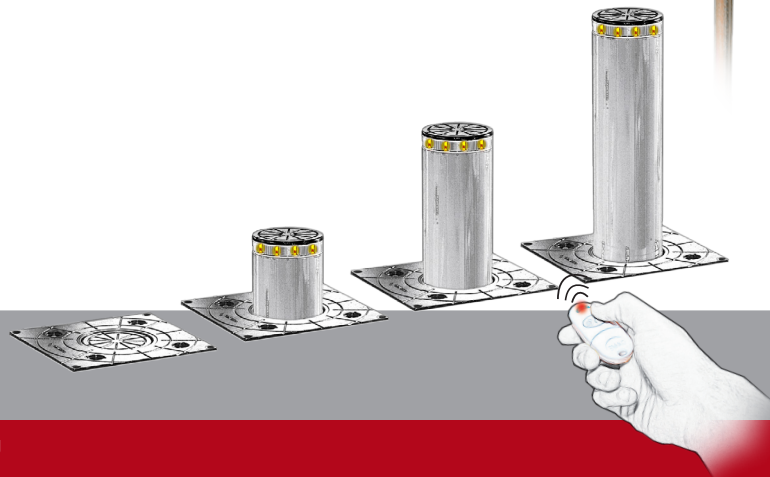
- Movement of the Luxor pneumatic safety bollard is signalled by two warning devices using light and sound to avoid pedestrians and cyclists inadvertently crashing into it.



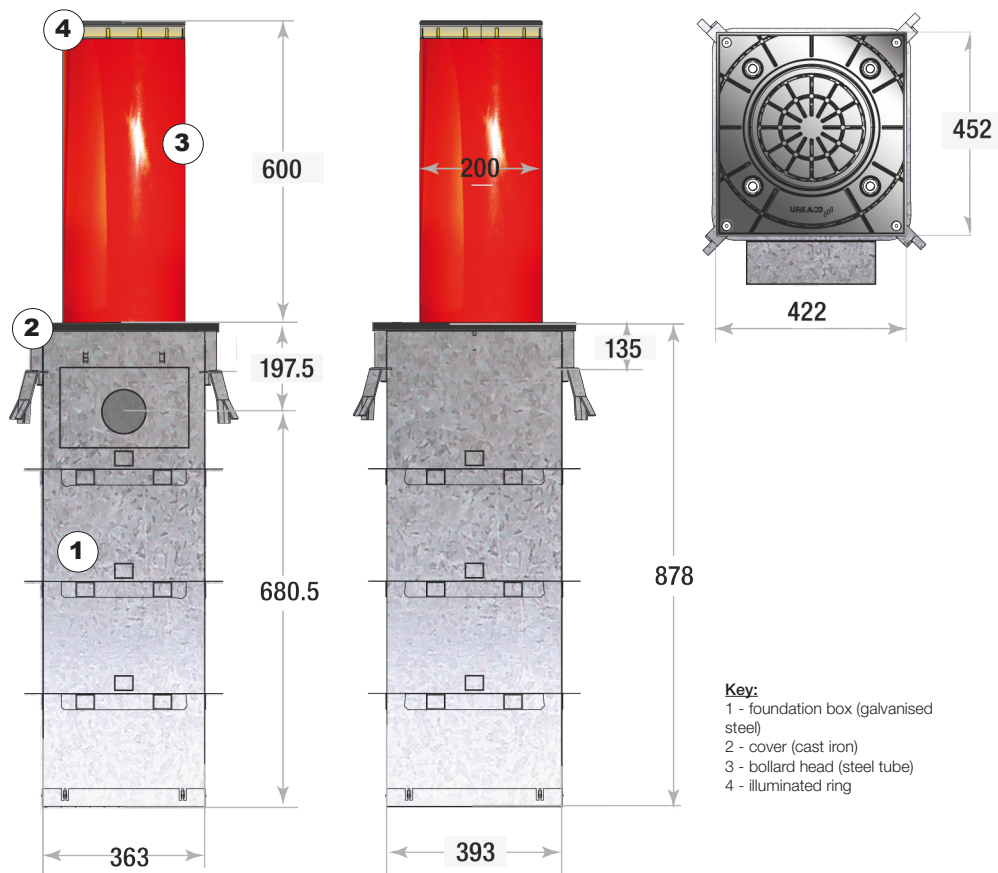
Sizes available

Reference	Diameter	Height	Weight
BPLUXE60-R	200	600	68 kg
BPLUXE60-G	200	600	68 kg
BPLUXE80-R	200	800	76 kg
BPLUXE80-G	200	800	76 kg
BPLUXF60-R	270	600	78 kg
BPLUXF60-G	270	600	78 kg
BPLUXF80-R	270	800	89 kg
BPLUXF80-G	270	800	89 kg
BPLUXG60-R	320	600	89 kg
BPLUXG60-G	320	600	89 kg
BPLUXG80-R	320	800	101 kg
BPLUXG80-G	320	800	101 kg

NB : -R = RAL 3020 -G = RAL 7016

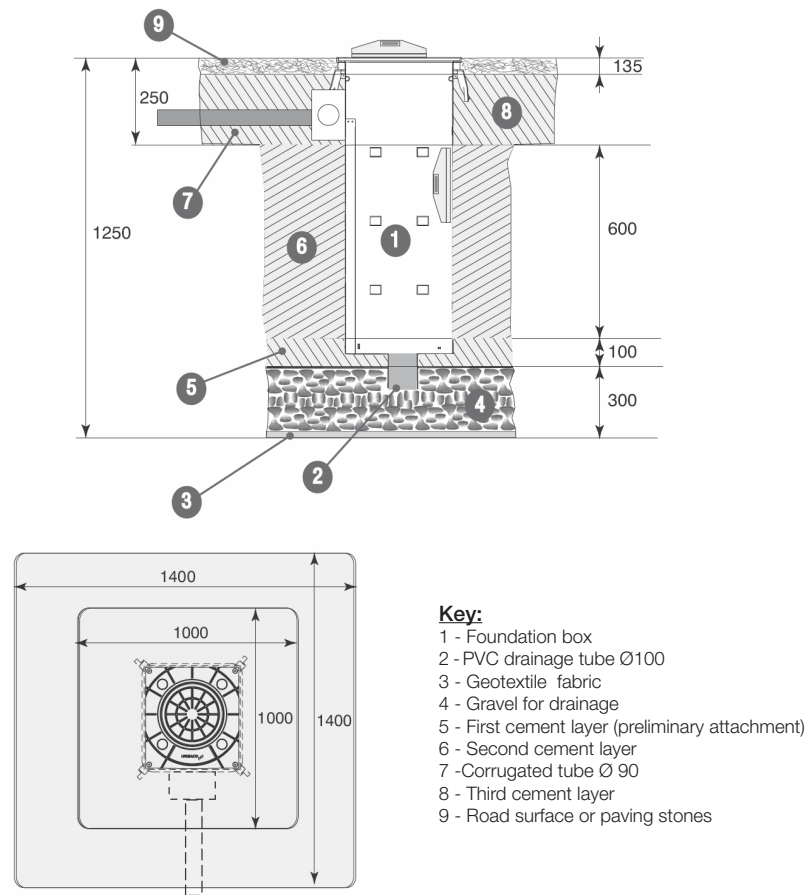


Technical drawing (Ø200 H600)



- Key:**
- 1 - foundation box (galvanised steel)
 - 2 - cover (cast iron)
 - 3 - bollard head (steel tube)
 - 4 - illuminated ring

Sealing diagram (Ø200 H600)

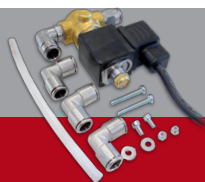


- Key:**
- 1 - Foundation box
 - 2 - PVC drainage tube Ø100
 - 3 - Geotextile fabric
 - 4 - Gravel for drainage
 - 5 - First cement layer (preliminary attachment)
 - 6 - Second cement layer
 - 7 - Corrugated tube Ø 90
 - 8 - Third cement layer
 - 9 - Road surface or paving stones

ACCESSORIES



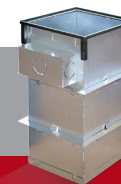
BOEVB-LUX
Negative safety



BOEVP-LUX
Positive safety



KITBEA-LUX
Connection kit



LOST CASINGS
See page 6

RA-L-7016

RA-L-3020

LOST CASING

Description

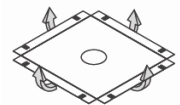
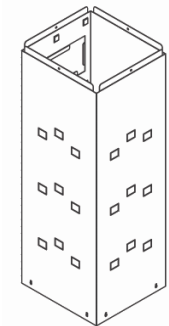
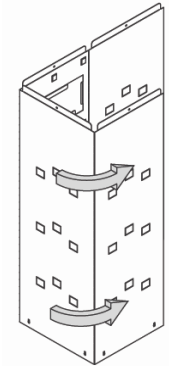
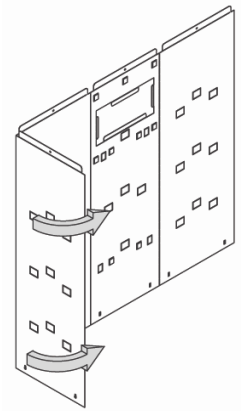
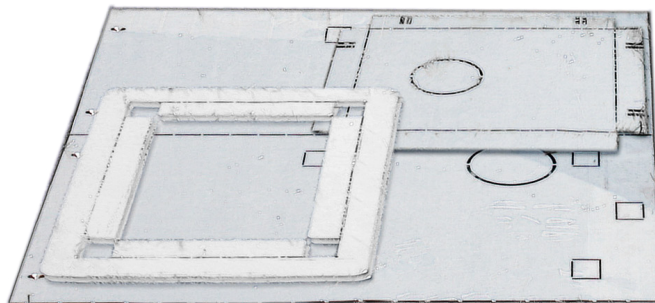
- The «lost casing» is the element around which concrete will be poured and which is intended to remain in the ground once excavation has been dug.
- URBACO's lost casings are designed to bear with the weight of poured concrete, as well as reinforce the structure about to receive the bollard and the casing and protect them from sand or gravel likely to fall in and disturb proper operation of the system. They are absolutely necessary to ensure the best possible installation.

Features

- Galvanised steel $\gg 1.5$ mm thick
- Mounting and installation manuals are delivered with the lost casing.

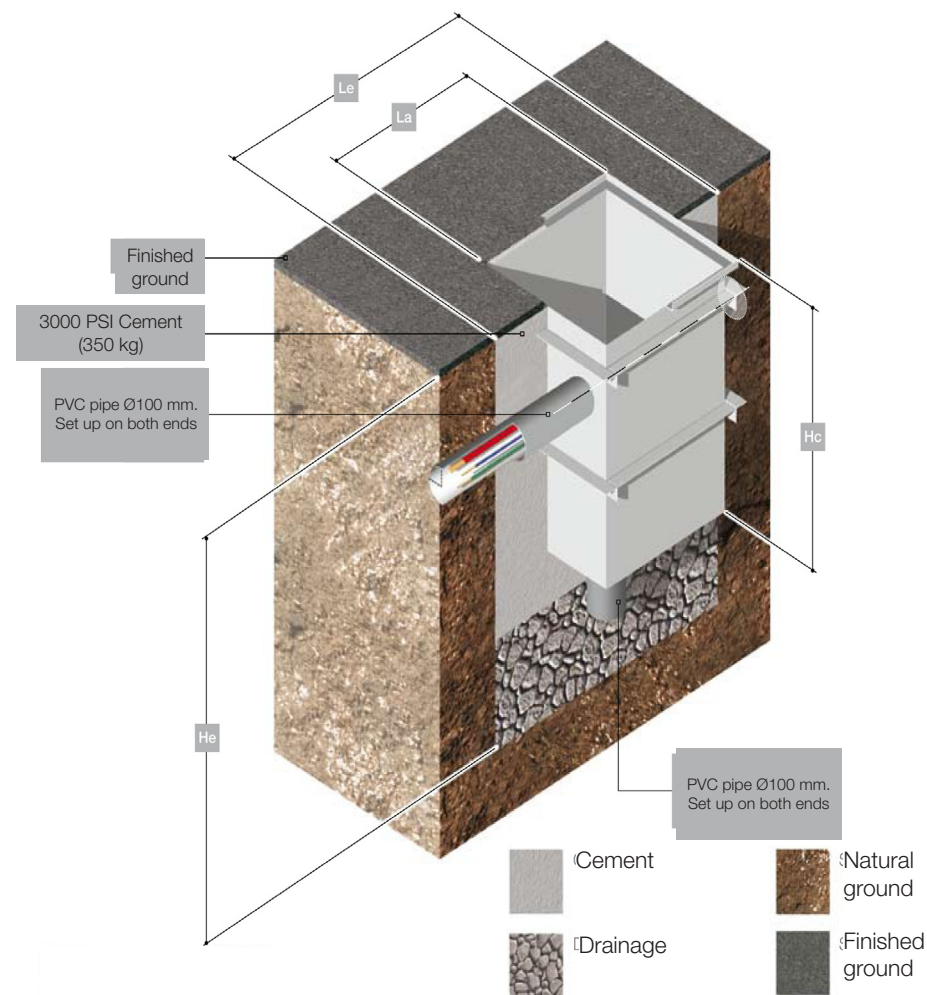
Simplicity and efficiency

- Easy to assemble, normally takes 10 minutes.
- Delivered folded for minimal transport expenses. Easy to stock and handle.



Which lost casing for which bollard?

Bollard			Lost Casing			Excavation	
Model	Ø	H	Reference	La	Hc	Le	He
BPLUXE60	200	600	BOCOFE60	420 x 450	878		
BPLUXE80	200	800	BOCOFE80	420 x 450	1078		
BPLUXF60	270	600	BOCOFF60	420 x 450	878	1000 à 1400	1250 à 1450
BPLUXF80	270	800	BOCOFF80	420 x 450	1078		
BPLUXG60	320	600	BOCOFG60	450 x 480	878		
BPLUXG80	320	800	BOCOFG80	450 x 480	1078		





Removable LUXOR

Description

- Removable Luxor bollards are complementary to the Luxor fixed bollards and automatic retractable bollards. They are available in the same diameters and heights as those of the rest of these ranges. The finish therefore matches the Luxor BS and BEA models: black cap, yellow or white reflective strip, RAL paint and varnish.

Features

- Material: Steel
- Resistance: Depending on the sealing.
- Class II reflective band for visibility.
- All colours available.

Surface finish

- Oven-hardened zinc primer coat for reinforced corrosion resistance and giving improved adhesion to top coat.
- Thermosetting polyester powder paint.
- Application of 2 colours: Black for the cap and a choice of RAL colours for the body of the bollard.
- Finishing coat of varnish.

BALUXE60-R



Sizes available

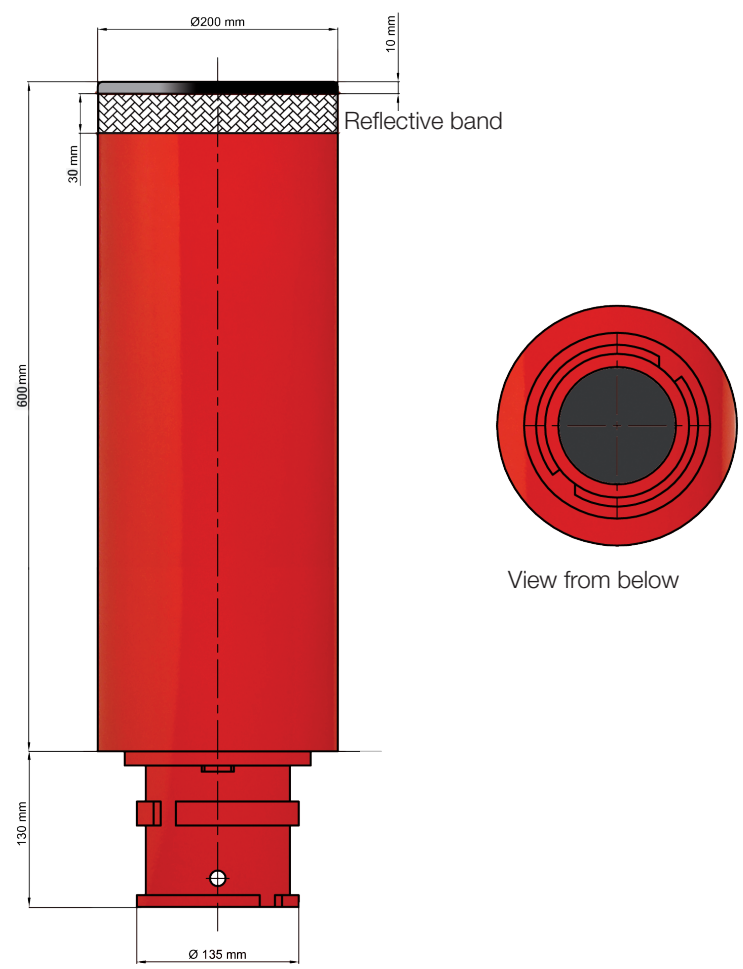
Reference	Diameter	Height	Weight
BALUXE60-R	200	600	18.5 kg
BALUXE60-G	200	600	18.5 kg
BALUXE80-R	200	800	41 kg
BALUXE80-G	200	800	41 kg
BALUXF60-R	270	600	22 kg
BALUXF60-G	270	600	22 kg
BALUXF80-R	270	800	40 kg
BALUXF80-G	270	800	40 kg
BALUXG60-R	320	600	33.5 kg
BALUXG60-G	320	600	33.5 kg
BALUXG80-R	320	800	49.5 kg
BALUXG80-G	320	800	49.5 kg

NB : -R = RAL 3020 -G = RAL 7016

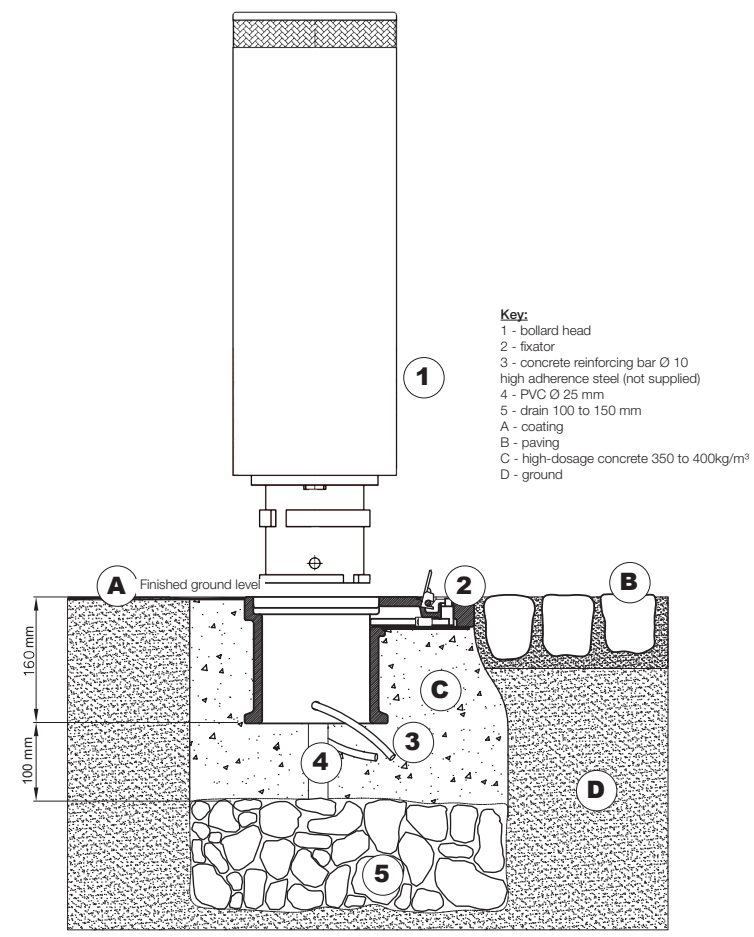


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Technical drawing (Ø200 H600)



Sealing diagram (Ø200 H600)



RA-L-7016

RA-L-3020

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Fixed LUXOR

Description

- Fixed Luxors will protect pedestrian areas in harmony with the surroundings. These aesthetic delineators are designed to blend in with the atmosphere and existing architecture of the location. Like their retractable and removable counterparts, fixed Luxor bollards have a yellow or white reflective strip and the top of the bollard is painted black.

Features

- Material: Steel
- Resistance: Depending on the sealing.
- Class II reflective band for visibility.
- All colours available.

Surface finish

- Oven-hardened zinc primer coat for reinforced corrosion resistance and giving improved adhesion to top coat.
- Thermosetting polyester powder paint.
- Application of 2 colours: Black for the cap and a choice of RAL colours for the body of the bollard.
- Finishing coat of varnish.

BSLUXE60-R



Reference	Sizes available		
	Diameter	Height	Weight
BSLUXE60-R	200	600	14.8 kg
BSLUXE60-G	200	600	14.8 kg
BSLUXE80-R	200	800	37.7 kg
BSLUXE80-G	200	800	37.7 kg
BSLUXF60-R	270	600	18.5 kg
BSLUXF60-G	270	600	18.5 kg
BSLUXF80-R	270	800	36.5 kg
BSLUXF80-G	270	800	36.5 kg
BSLUXG60-R	320	600	29.8 kg
BSLUXG60-G	320	600	29.8 kg
BSLUXG80-R	320	800	45.9 kg
BSLUXG80-G	320	800	45.9 kg

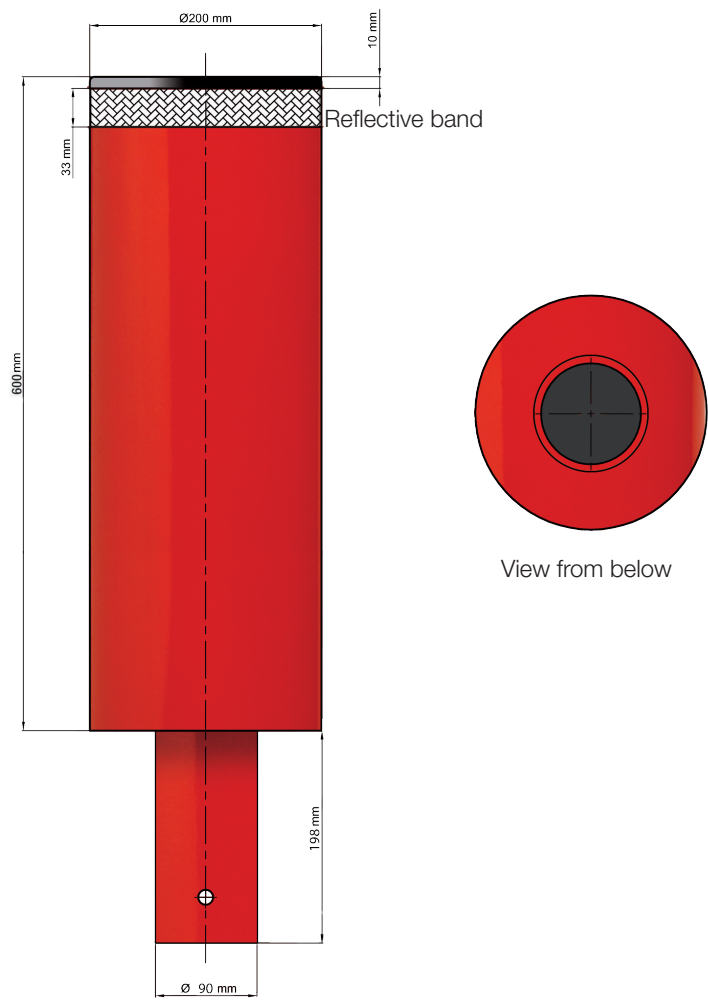
NB : -R = RAL 3020 -G = RAL 7016



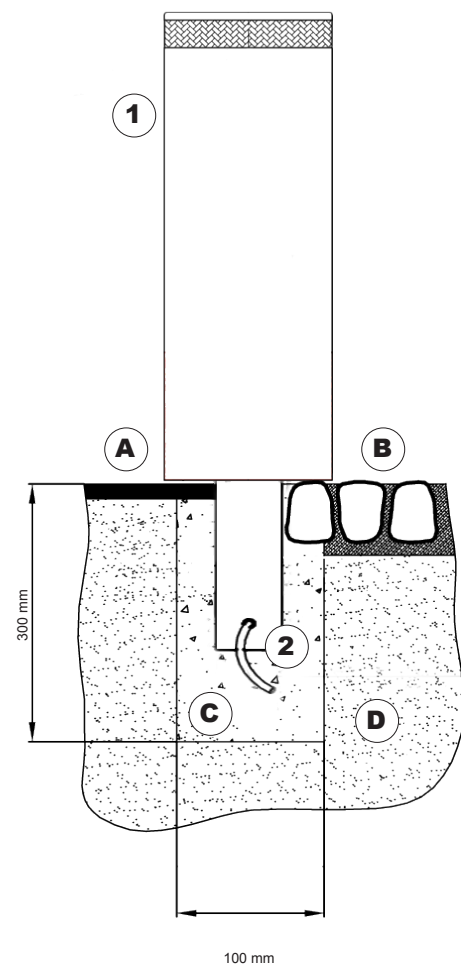


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Technical drawing (Ø200 H500)



Sealing diagram (Ø200 H500)



Key:
 1 - bollard head
 2 - reinforced rod Ø 8 for improved anchoring (not supplied)
 A - coating
 B - paving
 C - high-dosage concrete 350 to 400kg/m³
 D - ground

RA-L-7016
 RA-L-3020



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