

The **A-ECO semi-flexible bollards** are manufactured from a plastic material giving them limited flexibility. In case of an impact, if their maximal level of flexibility is not overcome, the bollards recover their original position without any permanent damage.

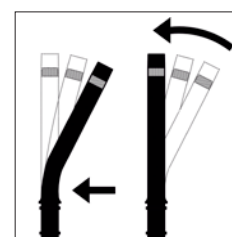
In case this flexibility level is overcome, still they do not break like conventional plastic, steel or cast iron, thus resulting in a very economical and long-lasting solution

A-FLEX BADALONA 100 MODELS:

Black..... Ref. PECBDNHN

Its low cost makes it ideal for new installations and replacement of fractured existing steel bollards. They can be combined with A-Flex bollards due to their identical aspects, in order to reduce installation costs.

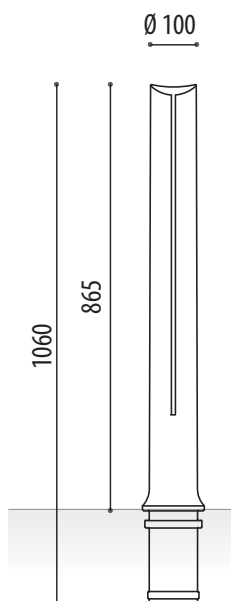
Due to its affordable price, it can be a better alternative to steel or cast iron bollards.










Limited flexibility.

SIZE:

Diameter: \varnothing 100 mm
Visual height: 865 mm
Total height: 1060 mm



FEATURES A-ECO BOLLARDS:

-  100 % recyclable.
-  Not painted. They do not rust. No need of maintenance.
-  Limited flexibility.
-  High resistance to oils, greases and several solvents.
-  High abrasion resistance.
-  Pleasant touch.
-  Aesthetically identical to metal bollards.

ADVANTAGES OVER OTHER BOLLARDS:

Over metal bollards:

- They do not rust.
- Lower weight.
- They do not break on impact in order to not damage people.

Over plastic bollards:

- They do not break on impact in order to not damage people.

ADO, reserves the right to change product specifications without prior notice.



SEMI-FLEXIBLE BOLLARDS

MODELO PATENTADO
PATENTED MODEL

A-ECO BADALONA



● A-ECO BOLLARDS CERTIFICATES:

1. Applus IDIADA certificate, A-Eco bollard HIC (head injury criteria) impact test.

Applus[®]
IDIADA

The results obtained in the test are lower than < 650 .

A-Eco is less than 380 (acceptable rating).



2. Applus IDIADA certificate A-Eco bollard impact test on torso (AIS).

Applus[®]
IDIADA

The results obtained in these tests show a level of torso acceleration that is related to a probability of suffering an AIS3 serious injury of $< 10\%$.



3. EC certificate.



A-Eco bollards comply with the General Product Safety Directive of the European Community according to the regulation of 2001/95/EC, RD 1803/2003.

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