

OPTIONS

Methods of installation

- embedded in concrete
- attached by bolts to foundation

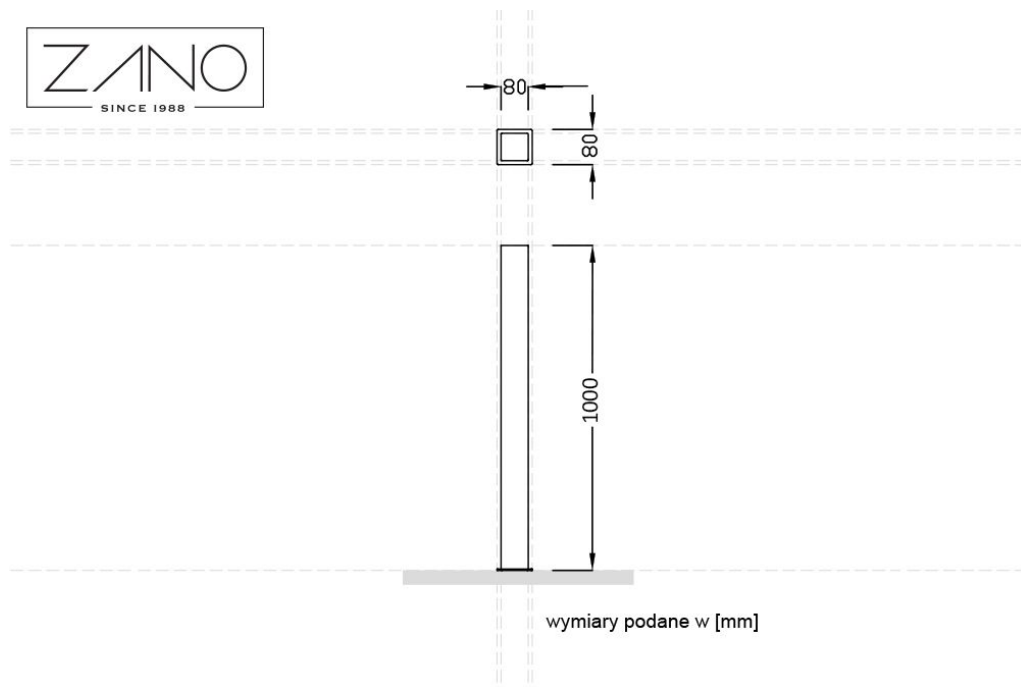
Fence mounts

- single sided
- double sided
- none

DESCRIPTION

Valid bollard 01.088 is outstanding due to its solid, **square cross-section**, which gives minimalistic look. Thanks to universal design Valid will suit well into both, historical city centers and contemporary spaces. Bollard is available in two different versions: made of high-quality **stainless steel** or **carbon galvanized steel**, that can be painted in any colour from **RAL palette**. Valid can be attached to the ground with **rawlbolts** or in a **concrete foundation**.





GENERAL TECHNICAL DATA

Weight

- 6 kg

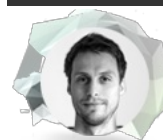
Materials

- carbon steel
- Stainless steel

Dimensions

- height from ground surface: 100 cm

ZANO



Filip Babiarz

Product: Valid bollard
Catalog number: **01.088**
Designer: Filip Babiarz

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NOTE: The drawings do not reflect the actual dimensions of the foundation. They are only exemplary assembly schemes taking into account the type of anchoring and the substrate material to which the furniture is to be fixed.

The size of the foundation depends on the local foundation conditions.



INSTALLATION INTO PAVING WITH FOUNDATION

Description of the assembly

1. ZANO product
2. Quick-action fastener or chemical anchor
3. Stone paving / concrete paving / stone slabs / concrete slabs
4. Sand ballast (approx. 2 - 4 cm)
5. Stone aggregate substructure
6. Concrete foundation, class C16/20 (top surface concrete 10 cm below paving surface)
7. Ground



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CONCRETE / ASPHALT MOUNTING

Description of the assembly

1. ZANO product
2. Quick-action fastener or chemical anchor
3. Fixed hardened surface e.g. concrete or asphalt
4. Concrete foundation, class C16/20 (top surface concrete 10 cm below paving surface)
5. Stone aggregate substructure
6. Sand ballast (approx. 2 - 4 cm)
7. Ground



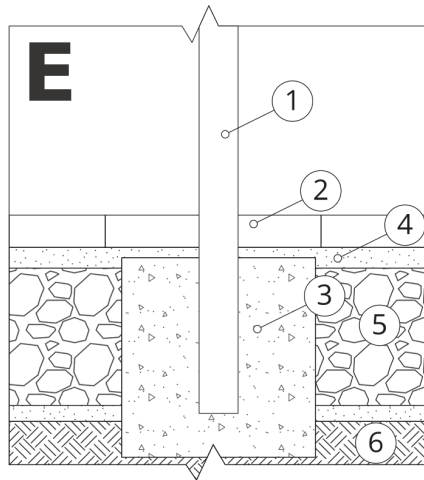
MOUNTING TO CONCRETE FOUNDATION

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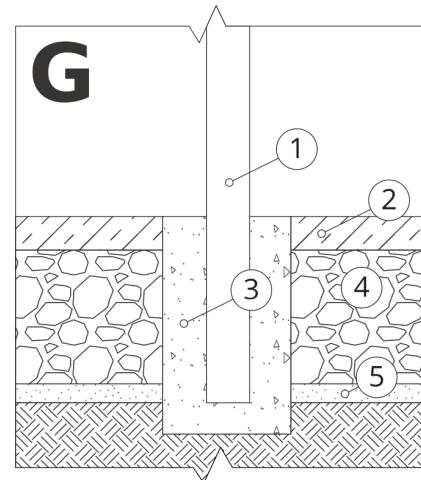
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