**Automatic hydraulic ANTI-TERROR bollard integrated pump**

**PILOMAT 275/K4 700A**



PILOMAT 275/K4 700A automatic rising bollard has been created against terror attack. The current design is the result of more than 15 years continuous development.

PILOMAT ANTI-TERROR bollards are qualified with the ASTM/PAS 68 regulation.

**Recommended applications**

Office vehicle drives – Industrial vehicle drives – Research centers – Embassies – Police stations – Military objects – Ministries – Strategic objects

**General features**

* **Hydraulic movement:** in case of intensive using is the most reliable technology in all temperature range, in all wheather conditions.
* **The integrated hydraulic pump into the bollard:** This solution has many advantage, in most cases the controller has to be installed apart from the bollard, with this solution the distance can be even the 80 meter.
* **Certificated parts for reliable operation**
* **Optional Variability :** unique color – integreated flashlight – buzzer – heating – UPS – control equipment

**Technical specification**

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| Bollard material |  | FE 510 steel (iron) |
| Nominal diameter of Bollard |  | 275 mm |
| Nominal height of Bollard |  | 700 mm |
| Cylinder thickness |  | 10 mm |
| Surface treatment (FE 510 steel) |  | polyester powder painting – factory base: antrahcite grey |
| Surface (in case of other material) |  | ribbed robe – 316 AISI stainless brushed steel |
| Reflective adhesive strip |  | 55 cm high |
| Rising speed |  | 10 cm/mp |
| Lowering speed |  | 22 cm/mp |
| Emergency manual lowering |  | To have options: automatic lowering  |
| Control cabel lenght |  | Included cabel 10 meter (max. 80 meter) |
| Hydraulic pump |  | Built-in the bollard |
| Security classification |  | IP67 |
| Type of usage |  | Intensive usage – average lifetime: 2.000.000 operation – 2.000 operation/day |
| Impact resistance (without deformation) |  | 150.000 J (2.000 kg @ 44 km/h – 6.800 kg @ 24 km/h) |
| Breakout resistance |  | 700.000 J (2.000 kg @ 95 km/h – 6.800 kg @ 52 km/h) |
| Operating temperature |  | -40°C - + 70°C (with heating)  |
| Nominal weight (with mechanics, without pit) |  | 180 kg |
| Nominal weight (pit and fixing equipment) |  | 150 kg |