



Security for private

Automatic, fixed and removable bollards, barriers and access control systems

PILMAT
HÖRMANN

Pilomat: security, innovation, Made in Italy and...

For **over fifty years**, Pilomat has been a benchmark of expertise and reliability in **vehicle access control** and **perimeter security**.

The production is entirely Italian, defined by **design, technology, quality, and sustainability** — key elements that ensure reliable and long-lasting solutions.

Through a combination of engineering, functional design, and continuous investment in innovation, Pilomat develops **integrated and high-performance solutions** for every context.

Why choose Pilomat?



Solutions for Every Context

From residential areas to high-security sites, Pilomat offers the **most complete range** of bollards, barriers, road blockers, mobile systems, and accessories. Protection, aesthetics, and functionality without compromise.



Fast and Simplified Installation

Products **100% tested**, featuring pre-installed cables, ready-to-use control units, and intuitive interfaces. **Less installation time, fewer errors, lower costs.**



Maximum Certified Security

Over 20 crash-rated solutions, tested according to PAS68, IWA 14-1, ASTM, DIN SPEC, and ISO 22343 standards. High-quality materials and strict quality controls ensure certified and long-lasting protection.

The **Security Line** includes models with TÜV validation — a guarantee of reliability.



Customized Technology

Thanks to its in-house **Research & Development department**, Pilomat designs tailor-made systems — from a single bollard to the most complex integrated installations.

Recognized and approved security

Italian Approval

In Italy, Pilomat bollards were the first to pass the rigorous tests of the Ministry of Transport, obtaining **two official type-approvals** that authorize their installation on public roads throughout the country.

International Certifications

Our work is based on continuous product evolution, careful material selection, and rigorous safety testing — a commitment that has earned Pilomat prestigious international certifications, **ensuring proven quality and reliability.**



Public spaces



Retail and Business



Private spaces



Temporary event protection



Residential parking areas

E-GO 114 600-800A

E-GO automatic bollards are the ideal choice for those seeking an effective security system. **Plug & Play technology**, easy and quick installation, intuitive management, **low maintenance, and competitive pricing**. Perfect for driveways, parking areas, and private spaces.



True security is coming **home** and knowing everything is just as you left it. Pilomat solutions for private residences are designed to bring **everyday peace of mind: they protect access points** without complicating your life, becoming a natural part of your home.



Removable Designs

Design **removable** bollards offer a **practical and discreet solution**: they can be easily removed when needed, providing protection without compromising convenience or aesthetics.



Fixed Designs

Perfect for **defining** your **private space**, Design **fixed bollards** combine **functionality and style** in a single solution. Installation is **quick and easy**, either by anchoring into concrete or using a screw-on flang.

Private parking space protection

Location

Ottawa, Canada

Project

In a **residential setting** that requires secure yet visually unobtrusive solutions, the client seeks to define and **protect access** to their home with a discreet automatic system that ensures everyday safety. A solution that is **easy** to use, **minimally invasive** when not in operation, and perfectly integrated into the residential environment.

Pilomat solution

Pilomat proposed the installation of the **E-GO 114-800A** residential automatic bollard, designed to combine protection and discretion. With its **elegant design, quiet and intuitive operation**, E-GO secures **private access points** without compromising aesthetics. **The Plug & Play system** comes pre-assembled and ready to use, allowing for fast installation in under an hour with no complex construction work required. Thanks to **electromechanical technology**, maintenance is minimal, while access remains protected, **smart, and simple**. Integrated with an **LED lighting strip for improved night visibility**, it also features a safety function that automatically lowers the bollard if an obstacle is detected.

Residential area

220/P 600-800A

The **P Series** automatic bollards are ideal for access control in private houses. They ensure safety and order at **entrances** and in **shared areas**. The **integrated hydraulic unit** guarantees **intensive and reliable** operation, even with high traffic flow.



Managing access in a **residential area** means regulating vehicle entry into **shared spaces safely**, without slowing down daily life. Our systems **protect courtyards and common areas**, making authorized access simple, with elegant and durable **solutions designed to blend harmoniously** into condominium environments.



PF series

Fixed bollards are the ideal solution for **defining pedestrian areas** within condominium settings, ensuring **separation** from driveable zones and preventing access by unauthorized vehicles.



LH Design series

The **LH Design bike racks** are designed for those seeking effective **bicycle space delimitation**. Quick installation with concrete anchoring. Ideal for securing bicycles in condominium settings.

Residential access control

Location

Missaglia, Italy

Project

In a large residential complex, the main entrance is crossed daily by numerous vehicles and residents. The property manager is looking for a **practical and secure solution** that protects the shared area by **preventing access** and **parking by unauthorized external vehicles**, without interfering with residents' daily routines.

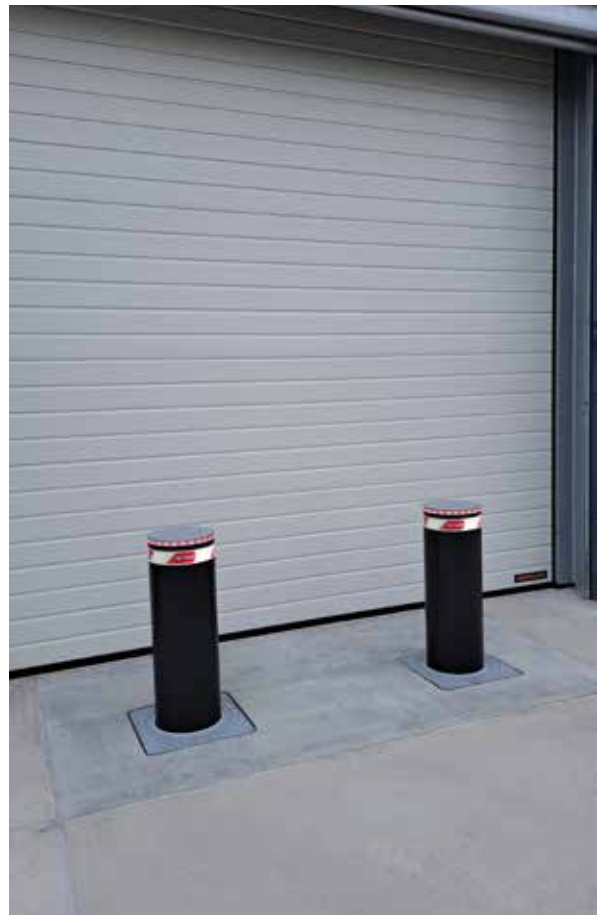
Pilomat solution

The chosen solution was the **220/P 600A** bollard, designed with a hydraulic control unit to ensure reliable **performance even under intensive use**. It handles **frequent entry and exit movements** while providing **secure and discreet access control**. A solution that has made residents' lives easier without compromising the safety of the complex.

Secure and accessible parking

275/P 500-600-800SA

Semi-automatic bollards, suitable for occasional use, can **protect private parking spaces**. **With no electrical power required, lifting is automatic thanks to a gas spring. Lowering is manual** and intuitive, activated by foot pressure. **Low installation and maintenance costs.**



Garages and private parking: controlled access, **reserved spaces** for the owner. Our systems offer **reliable solutions** designed to ensure **exclusive access** to your parking spot. Each solution provides constant protection and easy management **of your space**.



Chain

The **Chain** automatic barriers are a simple and fast solution, ideal for securing private areas or parking spaces. When opening, the chains lower to allow free passage. They **close access points up to 20 meters**.



Parking-barriers

Park are compact, automatic **parking barriers**, fixed to the ground using anchor bolts. They are operated via remote control and **lift in just 3 seconds**, protecting the parking space from unauthorized access.

Private resident parking

Location

Kaunas, Lithuania

Project

A residential complex needs to **protect residents' private parking spaces** without resorting to expensive or overly complex solutions that are not designed for **intensive use**. The priority is to ensure **reliable protection and visibility even at night**, making the boundaries of private spaces immediately clear.

Pilomat solution

The **275/P 600SA** semi-automatic bollard is the ideal solution for **protecting private parking spaces** without relying on complex systems. It ensures **order and respect for designated areas**, with a device that is easily recognizable even at night thanks to its LED lighting strip and perfect for **occasional use**. The addition of a **dedicated lock** makes each parking space accessible only to the owner or authorized users, eliminating the risk of misuse. Residents know that only those with the **key** can access the space, keeping parking spots **protected H24**.

Tailored, reinforced security

Road Blocker

Road Blocker, **shallow foundation barriers** requiring only 500 mm of excavation, designed to ensure **high safety standards** even under intensive use. They provide reliable and continuous closure of passages **from 2 to 6 meters**. Easy to install and maintain. Also available with **biodegradable oil**.



High-security private access points require **solutions** that combine **top-level performance** with **maximum resistance**. Our systems safeguard sensitive entrances such as **villas, prestigious residences, and restricted areas**, ensuring constant monitoring and **certified protection** against intrusions and forced entry attempts.



K12 series

K12 are high-security **automatic** bollards, **certified**, designed to withstand **intensive cycles**. Strong and reliable, they deliver **maximum protection** and high performance in any setting, with a focus on safety and environmental **sustainability**.



P10 series

P10 **automatic** bollards series provide **high-level protection** for private areas requiring superior security. Their integrated hydraulic system **ensures intensive, reliable use** with flexible management.

Government buildings

Project

In a residential setting with **high-security requirements**, **effective protection** for the main entrance is essential. The goal is to **prevent intrusions**, ensure full **control** over vehicles, and at the same time solve the challenge of **limited excavation spaces**, without compromising the functionality of the access point.

Pilomat solution

Considering the need for access control and protection, and the limited excavation depth available, Pilomat recommends installing the **RB1000** Road Blocker, featuring a low-profile design with a reduced installation depth of just **500 mm**. Certified for **maximum security and reliability**, it is engineered for **intensive use** and ensures top-level **anti-intrusion protection**. To meet emergency requirements, the **EFO function** is also available, allowing the RB1000 to **rise quickly**, ensuring rapid response without compromising strength or performance. The installation is **completed with fixed bollards**, strategically positioned to create a **complete access protection**.

...respect for the environment

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Environmental protection and safety: a perfect balance

At Pilomat, safety goes beyond access control, it is a principle that also extends to **environmental protection**. We have taken a concrete step toward sustainability, becoming the first company in the world to obtain **EPD (Environmental Product Declaration)** certification for our automatic bollards: 275/K12EMB-900A and 275/K12-900A.

This certification confirms **our commitment** to assessing and communicating the environmental impact of our products throughout their entire life cycle, in accordance with the international ISO 14025 standard.



A shared commitment with the Hörmann Group

Since 2016, Pilomat has been an integral part of the Hörmann Group, Europe's leading company in the civil and industrial door and closure sector. Together, we pursue a shared vision of sustainability based on three key principles: **calculation, reduction, and compensation** of CO₂ emissions.

Each year, we analyze the CO₂ balance of our facilities — including the products we manufacture — to identify the main sources of impact and implement targeted measures to reduce them. Residual emissions are offset through certified projects, contributing to the **production of climate-neutral products**.

Sustainable innovation for a better future

Sustainability is at the core of every stage of our production process — from material selection to the design of efficient and long-lasting solutions. We work closely with qualified partners to ensure that every Pilomat product meets the highest environmental standards while maintaining outstanding performance and security.



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