

Keeping your perimeter secure



ACCESS
CONTROL



HIGH
SECURITY



SMART
CONTROL





PPG – High Security, Quality and Tradition since 1951

At Perimeter Protection Group, collaboration and transparency are paramount to meeting and exceeding our customers' expectations because their satisfaction is our top priority. We are one of the leading manufacturers in high security as well as access control and smart control. We offer our customers security solutions for a variety of applications. Our internationally certified high security products include crash-rated gates, wedge barriers, security bollards and road blockers. In addition, we manufacture classic perimeter protection, access control products. With our many years of experience, subsidiaries in six countries and a globally operating network of distributors, we offer you everything from a one-stop shop – from individual products, project management, to a complete security solution.

Reliable high-security products 'Made in Germany'

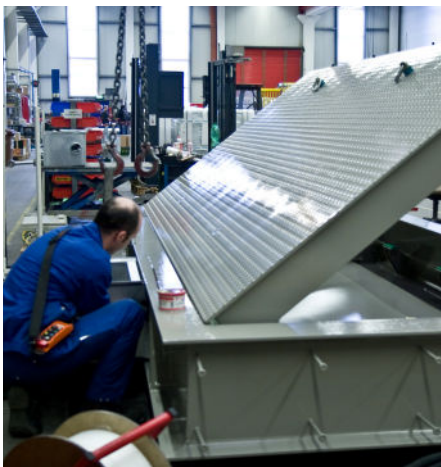
Our high security products carry the 'Made in Germany' label and are the ideal choice for a comprehensive security concept in critical infrastructures including military facilities, power plants, airports, and inner-city areas. Our innovative portfolio includes a variety of crash tested vehicle security barriers. One of the many innovations PPG offers, are the world's shallowest foundation products, providing security even in the most challenging of environments.

Research & Development

At PPG, we have always placed great emphasis on continuous research and development to constantly optimise our products and services. Regular training of staff, partners and distributors ensures professional competence and expertise in all areas. This is complemented by high-quality, state-of-the-art products. Our forward-thinking culture sets the PPG Group at the forefront of the high security market.

Comprehensive customer service

We offer a complete service in all matters of security: In addition to our extensive product portfolio, our staff and carefully selected partners, provide a comprehensive service. Knowledgeable advice, planning and competent project management from the start, is the basis of our corporate philosophy. An experienced team of security consultants and technicians is available to assist in this process. Modern production and assembly techniques allow a smooth and fast realisation of the projects. Regular maintenance of the systems and short-term support for repairs or accidental damage is part of our comprehensive customer service!



Sliding Gates

A proven solution, particularly for companies looking to control access to sensitive areas from both vehicles and pedestrians. PPG sliding gates are extremely reliable even after many years of use and require minimum of maintenance and repairs. Depending on the requirement, there are variants made of aluminum or steel. If a higher security level is required, the steel sliding gate is also available as a crash-tested variant.



Entralight



- Clear width: 3000 – 8000 mm (10000 mm*)
- Height: 1050 – 2050 mm
- Power or manually* operated
- Reliable aluminium and trackless design
- High speed operating up to 0.4 m/s
- High quality, safety and cost effective
- Several surface and accesories options



EntraSteel



- Clear width: 3000 – 12000 mm (10000 mm*)
- Height: 1250 mm – 2450 mm
- Power or manually* operated
- High speed operation up to 0.24 m/s
- Trackless and stable steel design
- Several infill and accesories options
- High level corrosion protection



Tracked Gate M50



- Clear width: 3000 - 7000 mm
- Height: 2000 - 3000 mm
- ASTM F 2656-07 M50/P1
- PAS 68:2010 V/7500[N3]/80/90:0.0/4.3
- Variable gate infill and anti-climbing devices
- Fast operating speed
- Shallow installation



FB6 / FB7 Garrison Ballistic Gate



- Clear width: 3000 - 8000 mm
- Height: 2400 - 3400 mm
- FB 6 / FB 7 classification pass - no splinters
- Multi-hit capability
- Optional impact rating to 7.5 t @ 80 km/h
- Manual operating override facility
- Shallow installation

Quick Folding Gates

The quick folding gates in the EntraQuick series, are specifically designed for fast operation and high use. Busy access points can process a high number of vehicle access, whilst preventing unauthorised pedestrian access. If there is an increased need for security, the PU30 is tested to withstand an impact of a 4x4 pick-up truck (N1G).



EntraQuick I & II



- Clear width: 3000 - 10000
- Height: 2050 - 3050 mm
- Double and single leaf gate available
- Very fast operating time up to 1 m/s
- High level corrosion protection
- Several accessories options
- Trackless and stable steel design
- Easy to install due to factory preassembling
- Low transport cost due to compact design



EntraQuick PU30



- Clear width: 2000 - 4000 mm
- Height: 2050 - 3050 mm
- PAS 68:2013 V/2500[N1G]/48/90/1.2/0.0
- IWA 14-1:2013 V/2500[N1G]/48/90/1.3
- Benefits of EntraQuick II
- Increased tamper resistance
- Bi-directional impact resistance
- Retrofittable to existing gate installations



EntraQuick Mobile



- Clear width: 4000 - 10000 mm
- Height: 2050 - 3050 mm
- Benefits of EntraQuick II
- Easy and cost effective transport
- Easy and fast to install
- Easy to store
- Enables rental service

Turnstiles

Authorise and control access to your external pedestrian access points with a Turnstile system. Turnstiles are the perfect outdoor solutions to safely control the flow of people into an authorised area.



TurnSec 4.0



- High throughput and user friendly
- Stainless steel rotor with 3 arms
- Comfortable passage
- Robust and reliable
- Safe and secure operation
- Several designs and multiple units available



TurnSec 4.0 Bicycle



- Benefits of TurnSec 4.0
- Stainless steel swing gate for bicycle
- Walk through of user and bicycle in parallel
- Comfortable passage with bicycle

Smart Control

Smart Control from PPG, combines the mechanical components of your vehicle access control system into a flexible and individually adaptable control system. It can be tailored to provide a variety of information and operational requirements for customers.



PPG Connect



- Standard for all power operated products
- Cost Efficient
- 24 / 7 Condition Monitoring
- Predictive Maintenance
- Full Smart Control
- User friendly App for free



Polarmaster



- Holistic and individual tailored solution
- Intelligent control system
- High level security and performance
- Linking multiple PPG Products and sensors
- Cost effective, flexible and scaleable

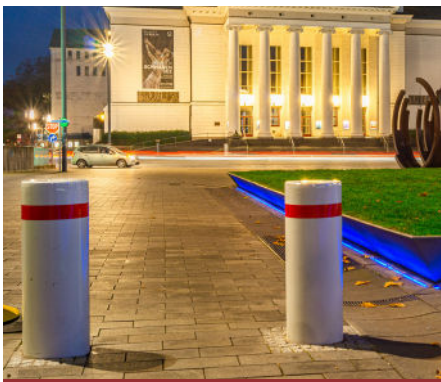
Bollards

Protection of pedestrians moving continuously within public spaces and busy city centres is important. Bollards allow pedestrian foot traffic to flow smoothly, whilst providing an acceptable measure of protection against intentional or unintentional vehicle encroachment. A security measure to prevent injury or damage to both people and buildings.



CityProtector M50 / M40

- Blocking width: 100 mm
- Blocking height: 900 mm
- PAS 68:2013 V/7500[N2]/64/90:0.3/15.7
- IWA 14-1:2013 V/7200[N2A]/64/90:0.7 & V/7200[N2A]/80/90:4.3
- 220 mm shallow installation depth
- Unique degrees of freedom in the design of blocking elements
- Different street furniture options available



Fixed Bollard M50

- Diameter: 355 mm
- Blocking height: 1100 mm
- PAS 68:2013 V/7500[N3]/80/90:0.4/15.4
- IWA 14-1:2013 V/7200[N3C]/80/90:0.8
- ASTM F2656-07 M50/P1
- Shallow installation
- Stainless steel sleeve option



Fixed Bollard M30

- Diameter: 355 mm
- Blocking height: 1000 mm or 1100 mm
- Vehicle impact simulation M30/P1
- Shallow installation depth
- Stainless steel sleeve option
- Optional: Visually matching M30 or M50 movable bollard
- Easy excavation and installation



Fixed Bollard P80

- Diameter: 273 mm
- Blocking height: 1080 mm
- PAS 68:2010 V/7500[N3]/80/90:10.6/11.1
- Various top plate designs
- Cost-effective solution with moderate foundation
- Suitable for impact from all angles
- Available as CleanSafe bollard with disinfectant dispenser





Movable Bollard M50



- Diameter: 355 mm
- Blocking height: 1100 mm
- PAS 68:2013 V/7500[N3]/80/90:5.2/7.8
- IWA 14-1:2013 V/7200[N3C]/80/90:5.5
- ASTM F2656-07 M50/P2
- High failure safety
- Fast normal and EFO operating times



Movable Bollard M30



- Diameter: 355 mm
- Blocking height: 1000 mm
- PAS 68:2013 V/7500[N2]/48/90:0.0/0.0
- IWA 14-1:2013 V/7200[N2A]/48/90:0.4
- High failure safety
- Operation of up to five bollard units with one control unit
- Fast normal and EFO operating times



Resilience SSF 100



- Diameter: 273 mm
- Blocking height: 1000 mm
- IWA 14-1:2013 V/7200[N2A]/64/90:4.9
- Super shallow foundation
- No rebar required
- Alternative sleeve options
- Ability to adapt to slopes and curves in roadway



Removable Bollard M50



- Diameter: 355 mm
- Blocking height: 1100 mm
- Vehicle impact simulation M50/P1
- Shallow installation
- Stainless steel sleeve option
- Optional: Visually matching M50 movable bollard
- Easy excavation, installation and removal of blocking element



M30 Light Traffic Bollard



- Diameter: 220 mm
- Height: 800 mm
- High Impact resistance of 600 kJ (simulated)
- Stainless steel sleeve and LED ring illumination as a standard
- Reliable, cost effective, easy installation
- Small dimensions due to integrated hydraulic aggregate

Road Blockers

Proven testing and certification to the world's highest standards, road blockers are a reliable, visible protection for access roads. A variety of specifications for all environments are available, built to the highest standards.



Wedge II



- Blocking width: 2000 - 4000 mm
- Blocking height: 1000 mm
- PAS 68:2013 V/7500[N3]/80/90:0.0/20.7
- IWA 14-1:2013 V/7200[N3C]/80/90:0.0
- ASTM F2656/F2656M-15 M50/P1
- 300 mm shallow installation depth



RB1000CR Centurion Road Blocker



- Blocking width: 2000 - 5000 mm
- Blocking height: 1000 mm
- ASTM F2656-07 M50/P1
- Manufactured from heavy gauge materials
- Operational under power failure conditions
- Foundation with minimal rebar



RB980CR Sabre Surface Road Blocker



- Blocking width: 2000 mm
- Blocking height: 1000 mm
- PAS 68:2005 V/7500[N2]/80/90:8.5/0.0
- Ideal for a high level of immediate protection
- Fast deployment
- No foundation required & easy transport



Tyre Killer Shark



- Blocking width: 2000 - 6000 mm
- Blocking height: 215 mm
- Stockable as ind. drive and blocking modules
- Shallow installation depth
- Easy installation, low maintenance



Tyre Killer



- Blocking width: 2000 - 6000 mm
- Blocking height: 450 mm
- Fast operating times
- Easy installation, low maintenance
- Combination with barrier possible

Barriers

Barriers are probably the most common vehicle access control measure. They make the boundaries of your site clearly visible. In many applications, this simple function is sufficient to effectively secure an area.



Boom Barrier



- Clear width: 2000 - 8000 mm
- Reliable, high quality and stable design
- Safety and high speed operation
- High level corrosion protection
- Manually operated Boom Barrier available
- Several accessories options



EB950CR Armstrong Barrier



- Clear width: 3000 - 4500 mm
- Blocking height: 955 mm
- PAS 68:2005 V/7500[N2]/48/90:0.0/0.0
- IWA 14-1: 2013 V/1500[M1]/48/90:1.9
- CPNI VADS passed
- Installation without central road foundation



Universal Cedar Gate



- Clear width: 3000 - 6000 mm
- Blocking height: 900 mm
- PAS 68:2007 V/7500[N2]/48/90:0.0/0.0
- IWA 14-1:2013 V/7200[N2A]/48/90:1.2
- CPNI VADS passed
- No power supply required



GC1100 Hinged Gate



- Clear width: 3000 - 4500 mm
- Blocking height: 960 mm
- PAS 68:2007 V/7500[N3]/80/90:5.7/25.0
- Shallow installation depth
- No power supply required
- Installation without central road foundation



BLS K4 + K12



- Clear width: 3000 - 10000 mm
- Blocking height: 1100 mm
- PAS 68:2007 V/7500[N3]/80/90:0.0/31.0
- DOS K4/L3; DOD K12/L2; DOS K12/L3
- Capable of covering large CW of up to 10 m
- High reliability, low maintenance

Solutions

Our security solutions are various, the areas of application almost unlimited: Whoever or whatever needs to be protected is in good hands with security technology from PPG. We have the right technical solution for perimeter protection, depending on the threat scenario, required security level, type and frequency of use.



Industry

Industrial sites have very different requirements when it comes to security and perimeter protection. Different challenges arise depending on the industry sector and the sensitivity of the goods or service being produced.



Logistics

Theft, vandalism and sabotage of transported goods and logistic technology are a constant threat. Securing logistics and transport hubs are the first step towards reliable transportation and on-time delivery.



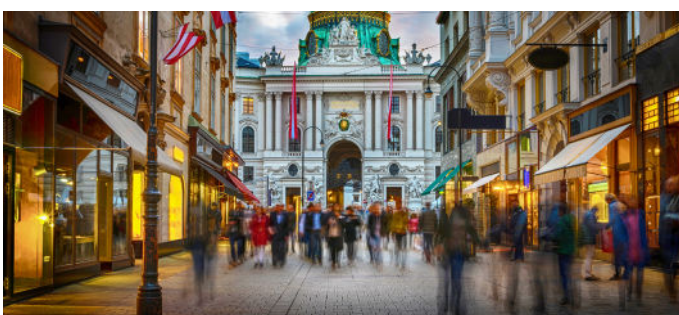
Military

Security risks are particularly high in military establishments. A successful breach of security carries high consequences in terms of a national security threat, possible loss of life and damage to reputation.



Airports

Comprehensive security measures are essential, especially for airports. High volumes of passenger and vehicle traffic movement rely on extremely tightly controlled processes. The smallest interruption can severely affect operational processes.



Cities & Municipalities

Our security solutions support municipalities, urban planners and architects in securing public spaces. Particularly where the movements of people and means of transport are complex, the most advanced safety technology and thorough planning are important.



Embassies & Consulates

Embassies, consulates and government institutions of all types are attractive targets for attack or violence.

It is essential for physical security measures to withstand the thorough planning and determined action by aggressors.



Power Plants

Safeguarding against physical damage to power plants, the risk to peoples' lives coupled with the impact of the interruption of energy supply to entire regions require physical security solutions of the highest standard.



Prisons & Correctional Facilities

Internal and external risks present themselves at these facilities. Security measures, whilst needing to prevent inmates from escaping, also require the preventions of the smuggling of contraband and prohibited objects by external sources.



Seaports & Harbours

Seaports are subject to very strict international legal regulations, which take into account the rapidly rising organized crime in this area and the increasingly aggressive global terrorism, increasing the need for increased security measures.



Financial Sector

Banks, stock exchanges, administrative financial buildings and data centres are attractive targets for criminal activity. With our portfolio we secure buildings in the financial sector against external attacks.



Stadiums & Sports Venues

Large crowds and long lines of vehicles must be protected and controlled within the vicinity of the venue. In the event of an emergency, such as a fire, a quick and smooth evacuation is crucial.



PPG provides comprehensive security for RWE

„While searching for suitable gate systems for our new pump workshop, the concept of the Perimeter Protection Group was convincing. The PPG gate systems facilitate the flexible adaptation to respective applications. That really met our planning!”

Andre Pochert, Project Manager RWE Power

Professional training centres

“I do believe presenting products for your clients to come touch, look and feel the quality of equipment in the high security space like PPG offers in their training centres is imperative for the end users to be able to truly compare products. This definitely shows PPGs pride and commitment to their products.”

Troy Donnelly, Managing Director of EZI Security Systems from Australia

Worldwide references

- Akershus Castle Oslo
- Allianz Arena, Munich
- Aramco, Riyadh
- Australian Embassies
- Bank of Ghana
- Bank of Oman
- Banque de France
- BKS Cash Handling Copenhagen
- British Embassies/High Commissions
- Kuwait Oil Company
- Canadian Embassies
- Christiansborg Copenhagen
- City Hall Oslo
- Dubai Tower (Burj Khalifa)
- Embassies and Ministries in Berlin
- Finnish Parliament, Helsinki
- German Embassies
- Government Kazakhstan
- Government Norway, Oslo
- HBOS Kilmartin, Glasgow
- HBOS Tweed House Edinburgh
- Hungarian Parliament
- Ministry of Finance, Oslo
- Norwegian Broadcasting Marienlyst
- Nuclear Power Plants France
- Nuclear Power Plants Germany
- Nuclear Power Plants Switzerland
- Nuclear power Plants UK
- OMPI Geneva
- Qipco Tower, Doha
- Saudi Arabian Embassies
- Swedish Parliament, Stockholm
- Uno Wien
- US Airforce Ramstein
- US Embassies
- US Military Camp Novo Selo
- US Military Grafenwöhr
- US Patton Barracks, Heidelberg
- US Shopping Center Wiesbaden

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