



# Efficient Access Control Products

for secure entrance areas



### Modern entrance areas with efficient security

At Perimeter Protection Group, we offer reliable and efficient access control products and solutions for vehicles and pedestrians in any commercial or private application at the same time. For this reason, PPG's product range spans from cantilevered sliding gates to tracked gates, swing gates and quick folding gates. Furthermore, in case of limited run back area, we offer telescopic gates or taxiway

gates for very large opening widths. Furthermore, we also manufacture customised gates to special requirements. PPG gates are available either in aluminum or steel. Depending on the model, they are manually, but also as electrically powered versions available. Great ease of assembly consequently guarantees smooth and quick installation. Additionally, all our electrically operated gates are type-tested by the German TÜV








per DIN EN 13241-1. The highly effective corrosion protection through sophisticated galvanizing and coating processes guarantees weather resistance and longevity. In addition, the PPG portfolio includes barriers, bollards and turnstiles, also with a bicycle door. Moreover, the PPG portfolio includes barriers, and turnstiles, with or without a bicycle door.










## Our service portfolio

-  Quick folding gates
-  Tracked sliding gates
-  Cantilevered sliding gates
-  Swing gates
-  Taxiway Gates
-  Telescopic gates
-  Sliding gates on slope

## And we offer even more...

-  TÜV type tests according to EN 13241 for all electrically operated gates
-  Variable infill for the individual gate design (depending on model)
-  Construction analyses based on advanced computer simulations of realistic extreme loads to optimise cost and reliability of all components



### Boom barriers - efficient transit regulation

Our range of boom barriers serve the purpose of allowing individual passage of vehicles and regulating the entry and exit of vehicles. We offer both hand- and power-operated models depending on the area of application. The latter are designed for continuous use and can easily manage high traffic volumes. Boom lengths are variable, meaning that even large passage widths can be secured. Our hand-operated products are mainly suited for low-traffic volumes and can optionally be secured with a supporting strut if necessary.





# PASSAGE OF VEHICLES/PERSONS IN OUTDOOR AREAS



## Turnstiles - 24hr control on entering & exiting pedestrians

PPG full-height turnstiles offer efficient and reliable control on entering and exiting flows of people. They are intended to secure sensitive areas against

unauthorised access. At the same time they provide unhindered access to authorised persons. PPG turnstiles are optionally available with integrated bicycle

sluice. Various options complete the offer and allow an individual adaptation to your specific requirements.

## Our offering

- Power-operated boom barriers
- Hand-operated boom barriers
- Full-height turnstiles

## Typical application areas

- Financial and telecommunications sector
- Public premises
- Industrial sites
- Education sector
- Administration buildings
- Car parks and more...





### Type-tested, cantilevered state-of-the-art quick folding gate

The TÜV type-tested, fully cantilevered quick folding EntraQuick® offers full-height perimeter protection in closed position and unobstructed security for each entry or exit situation due to its trackless design. Its extreme high speed allows a quick closing after each passage, to efficiently support smooth workflows in everyday operation! Furthermore, no

run back area is required. Due to its solid bar infill and the ingenious lever kinematics EntraQuick® is particularly stable and does not require an additional floor lock in closed position. EntraQuick® can be installed easily and quickly thanks to a pre-assembled drive post and folding leaf unit. It is driven by two AC motors. The gate leaves fold open inwards

towards the secure site and with an (optional) additional control each leaf can be opened separately if required. EntraQuick® is a perfect substitute for combined gate and barrier installation at access points. There are two models available in different heights and opening widths.







	ENTRAQUICK® I	ENTRAQUICK® II
GATE HEIGHT	2.050 mm, 2.450 mm**	2.050 mm, 2.550 mm, 3.050 mm**
CLEAR OPENING WIDTH	3.000 - 6.000 mm in 500 mm increments	4.000 - 10.000 mm in 500 mm increments*
INFILL	Bar infill RHS 30/20 mm	Bar infill SHS 30 mm
FOUNDATION	Top edge of foundation 200 mm below finished floor level (Standard), other lowerings possible	
DRIVE UNIT	One or two knee-joint drives (depending on model)	
CONTROL UNIT	Multifunctional, automatic control WE-Tronic II with integrated frequency converter	
INTERLOCKING	Via drive mechanism supported by interlocking of gate leaves through reception fork and in-feed roller	
CERTIFICATION	TÜV type-tested according to DIN EN 13241-1	
OPTIONS	See technical datasheet online	

\*For a CWO > 8,0 m the maximum height is 2.05 m

\*\*Incl. 100 mm ground clearance





### Smooth running aluminium sliding gate

The type-tested EntraLight® aluminium sliding gate offers a particularly high stability combined with lightweight construction - even with large opening widths. Silver-coloured anodised aluminium and coating in different RAL colours allow individual adaptation of the classic gate design.

EntraLight® features easy and time-saving installation due to ready-to-install gate units. In addition, this gate convinces with long-term functionality, reliability and is low maintenance. The WE-Tronic Light control unit offers a large number of potential contacts simplifying the

connection of control devices on site such as fire alarm systems, card readers, keypads, alarm systems and more. Also in terms of serviceability the control unit achieves plus-points because of their simple and easy programming and setting of desired parameters.







ENTRALIGHT®	
GATE HEIGHT	1.050 - 2.050 mm in 200 mm increments*
CLEAR OPENING WIDTH	3.000 - 10.000 mm** in 1.000 mm increments
INFILL	SHS 40 mm
FOUNDATION	Top edge of foundation 90 mm below finished floor level
DRIVE UNIT	Electric drive with covered, profile integrated, spring-loaded toothed rack***
CONTROL UNIT	WE-Tronic Light
CERTIFICATION	TÜV type-tested according to DIN EN 13241-1
OPTIONS	See technical datasheet online

\* Incl. 100 mm ground clearance

\*\*clear opening width > 8.000 mm only for manually operated gates

\*\*\*For power operated version





### EntraSteel® - robust sliding gate made of steel

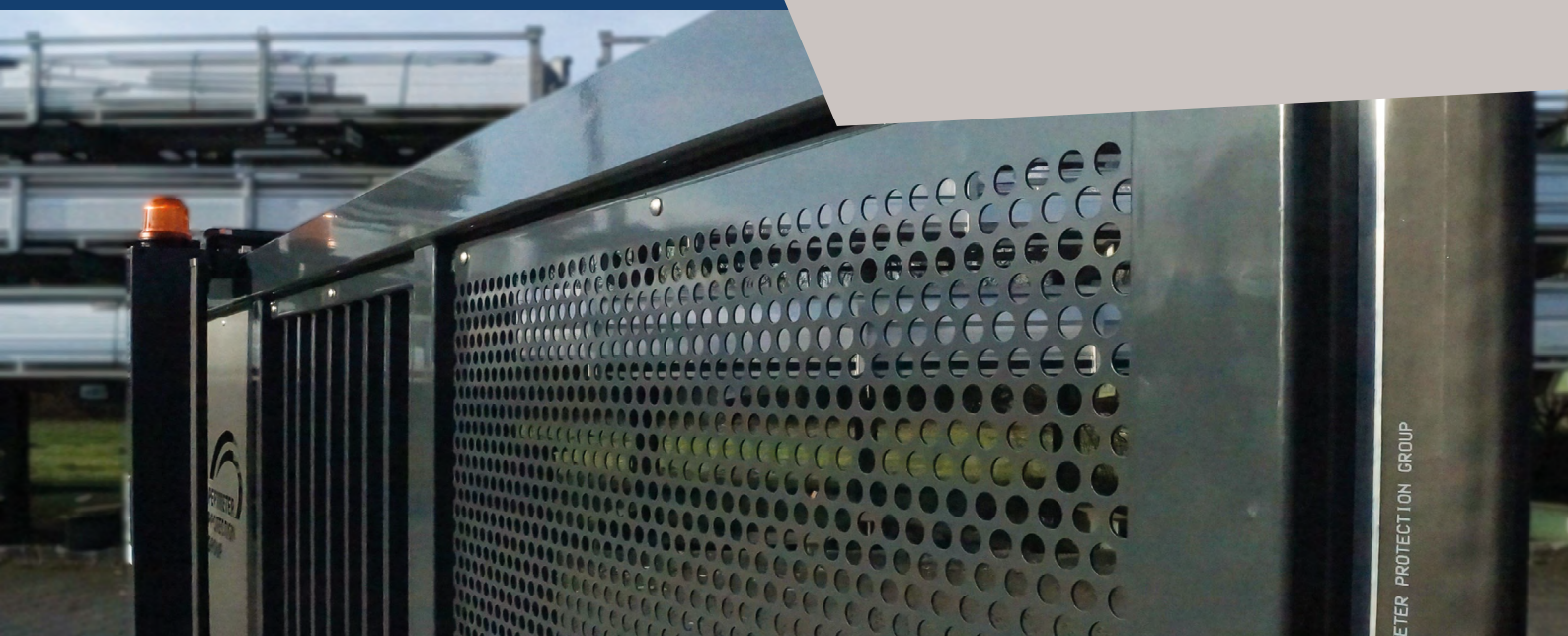
The cantilevered steel sliding gate EntraSteel® is based on 50+ years of experience in designing and producing long-lasting, low-maintenance sliding gates paired with modern design and manufacturing technologies. The modular concept of the gate enables us to offer a wide range of versions of a basic or extended gate model which can be individualised as per

customer-specific requirements and applications. Therefore, the gate can be individually tailored to customer-specific requirements. This allows the customer to install and use our EntraSteel® steel sliding gate in a wide variety of applications. Furthermore, the PPG steel gate EntraSteel® excels through extremely smooth running and minimal gate extension

resulting in comparably low transport costs and reduced space requirements onsite. And of course: Safety first! A light beam inside and outside as additional safety device effectively reduces the likelihood of contact with a person or an obstacle for power-operated sliding gates with automatic control.







ENTRASTEEL®	
GATE HEIGHT	1.250-2.450 mm in 200 mm increments*
CLEAR OPENING WIDTH	3.000 - 10.000 mm in 1.000 mm increments
INFILL	Bar infill made of square hollow section SHS 30x20; solid sheet, perforated sheet or on-site infill
FOUNDATION	Top edge of foundation 0 mm**, 90 mm (standard) or 200 mm road covering
DRIVE UNIT	Electric drive with covered, profile integrated, spring-loaded toothed rac***
CONTROL UNIT	Multifunctional, automatic control WE-Tronic II with integrated frequency converter***
CERTIFICATION	TÜV type-tested according to DIN EN 13241
OPTIONS	See technical data sheet online

\* Incl. 100 mm ground clearance

\*\* in that case 120 mm ground clearance

\*\*\* For power operated version



### Cost-effective and space-saving swing gates

PPG swing gates are the ideal choice for driveways where back-up space is limited due to their small space requirements and have a very attractive price-performance-ratio. Stable, high-quality profiles and hinges with good resistance to distortion guarantee an optimum and long period of

reliable locking. The special, solvent-free coating methods according to DIN EN ISO ensure longevity of the gates and also convince in terms of environmental sustainability. The hand-operated swing gates allow quick and easy installation and are low maintenance. Amongst others

they are ideally suited for entrances and exits, which are not used continuously. One- or two-leaf gates in various widths and heights are available. On request with different gate fillings or prepared for on-site infill such as wood.





# SWING GATES



	SWING GATE (SINGLE-LEAF)*	SWING GATES (DOUBLE-LEAF)*
	FT1-H	FT2-H
GATE HEIGHT	1.050 - 2.450 mm**	
CLEAR OPENING WIDTH	500 - 6.000 mm	1.000 - 12.000 mm
INFILL	Bar infill RHS 30/20 mm, welded mesh	
OPTIONS	See technical datasheet online	

*\*available as three-leaf gate solution*

*\*\* Incl. 50 mm ground clearance*





### Reliable traffic regulation with PPG boom barriers

The optional electromechanical or hand-operated boom barriers allow individual passage of vehicles as well as an efficient access regulation. The offer includes both hand- and power-operated models depending on the area of application. Especially the motorised barriers are

constructed for continuous use and designed to master high transit frequencies easily. The aluminium booms with white coating and red warning strips secure even wide driveways reliably thanks to variable boom lengths. Our hand-operated barriers are mainly suited for low-traffic volumes

and can optionally be secured with a supporting strut if necessary. The convenient modular system ensures a quick and easy installation and makes the barrier extremely low-maintenance. All barriers feature a robust, durable steel support structure.







## Electromechanical barrier Type GES 2-8

- Robust steel construction with modular structure
- Stainless steel barrier housing
- For large and small gateways
- Automatic controls
- Day and night operations
- Designed for continuous use
- Easily combined with PPG sliding gates

### BLOCKING WIDTH

- GES-2 up to 2000 mm
- GES-3 up to 3000 mm
- GES-4 up to 4000 mm
- GES-5 up to 5000 mm
- GES-6 up to 6000 mm
- GES-7 up to 7000 mm
- GES-8 up to 8000 mm

## Hand-operated barrier Type GHS 2-8

- No electrical connections required
- Pole stand made of steel with base plate and bore holes for compound anchors
- Boom powder coated with red reflecting warning tape
- Locking with lockable profile cylinder or triangular key
- Adjustable raising and lowering speed as well as damping in final positions
- Mechanical limit stop and electrical switch off for final positions

### BLOCKING WIDTH

- GHS-2 up to 2000 mm
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- GHS-4 up to 4000 mm
- GHS-5 up to 5000 mm
- GHS-6 up to 6000 mm
- GHS-7 up to 7000 mm
- GHS-8 up to 8000 mm





### Full-height access to authorised persons

The full-height turnstiles TurnSec offer an efficient and reliable control on entering and exiting flows of people. They are specifically designed to secure sensitive areas against unauthorised access. At the same time, they provide unhindered access to authorised persons. PPG turnstiles are optionally available with integrated bicycle sluice. Various options complete the offer and allow an individual adaptation to your specific requirements. Thus TurnSec can be equipped with different roofs such as a modern makrolon roof. LED lights, direction indicators and various access control devices increase the user comfort. PPG turnstiles are highly durable

and weather-resistant due to high quality materials, sturdy frame constructions made of steel or aluminum. In addition, the turnstiles are easy to maintain due to accessibility through lockable access panels and a hinged control for easy operation.





# TURNSTILES



## Cycling to work? No problem with integrated bicycle doors!

More and more companies rely on good occupational health management. This also includes greener, healthier employee

mobility. Anyone who rides a bike to work instead of simply getting into the car in the morning, already improves his or

her health and fitness. To support this trend, PPG offers its turnstiles optionally with integrated bicycle doors.

DREHKREUZ TURNSEC	
MODEL	Single, multiple or units with bicycle doors
FRAME	Robust stainless steel or powder coated steel construction
CROSS ELEMENT	3 x 120° separation
DRIVE UNIT	Manual or motorised version
CONTROL UNIT	Multifunctional, automatic control
OPTIONS	See technical datasheet online



### Professional training

At PPG, we believe in expertise through professional education. Therefore, PPG offers its national and international customers, partners and distributors training under modern conditions in own training and exhibition centres in Germany and Denmark. The approximately 550 m<sup>2</sup> German

training centre is located near PPG's factory in Salzkotten. The Danish training centre is in Roskilde, Denmark, only 25 minutes from Copenhagen and the airport. Both centres include an exhibition area for the product portfolio, which includes among others sliding

gates, quick folding gates, fence and our internationally certified High Security products. Here we train hands on with installed and operational product. Furthermore, there are separate training or conference rooms where theoretical knowledge is provided.





# CUSTOMER SERVICE









## Comprehensive after-sales-service working closely with our customers

We offer a range of services tailored to individual customer needs and place particular focus on smooth processes from the very start. To meet all customers` demands, we have a team of trained specialists

in the areas of mechanics, electronics and hydraulics as well as skills in the wide field of modern planning technology. Installation and maintenance are carried out by our experienced and intensively

trained local partners. In special situations, we are also able to provide additional worldwide support through our pool of 'flying technicians'.

## Our service at a glance

-  *Guarantee through after-sales-service contracts*
-  *Security for you and your property - everything from one source!*
-  *Short lead-times*
-  *Extensive after-sales-service*
-  *Inspection and maintenance according to DIN EN 12453 and ASR A 1.7*
-  *Professional training and product launches*



### PPG Distributor took home "Product of the Year Award" at Security 2013 in Sydney

*"Winners were chosen on the basis of innovation, originality and the potential benefits the product provides to the overall security industry. Ezi Security's Ezi Elkota M50 Bollard was selected for its unique design and practicality. With the world's first integrated hydraulic drive unit, this is sure to be a game-changing technology that ensures superior quality while minimizing cost and labor overhead traditionally associated with bollards."*

Kylie Mc Rorie, Exhibition Manager, Security 2013 Exhibition, Sydney, Australia

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

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