



FARNBOROUGH BLINDS

TEL: 01732 456304

Casstyle®

Outside roller shutters



- ADAPTATION
- UNDER-PLASTER
- ABOVE-LINTEL
- ROLLER GATES

Casstyle®

Feel the calm and warmth of your home

Our home is where we spend most of our lives. Considering this, it is worth making it a special place. A place where you feel free, safe, and to which you return with pleasure after the hardships of your work day, knowing that you will always find peace and shelter in it. As a leading manufacturer of roller shutters and roller garage door systems, **Casstyle®** has thought about this, and it wishes to help you create a home with all these advantages. Complete systems of external roller shutters and roller gates have been developed for that purpose.



Owing to their well thought out design and properly selected materials, roller shutters provide effective protection against uninvited guests. Moreover, they are ideal thermal insulation; they allow for considerable reduction of expenses for heating in winter, whereas in summertime, when the sun is shining and temperatures outdoors are high, they provide a pleasant cool and semi-darkness, allowing your tired eyes to relax. In any season, **Casstyle®** roller shutters protect your privacy and peace. In order to meet the individual needs of our customers, **Casstyle®** develops designs of new roller shutter systems. We offer a wide range of profiles, as well as many optimal solutions for roller shutter control. Our offer includes the following: manually operated and semi-automatic mechanisms, as well as electric drives with control systems, which allow for comfortable roller shutter operation. Owing to their aesthetic appearance, **Casstyle®** roller shutters are a very good solution for homes, office buildings, as well as historic buildings.

STRENGTH AND QUALITY

We use selected materials to manufacture roller shutter elements. These materials guarantee the highest quality of products. Highly precise workmanship characterises the profiles, which are manufactured on automated production lines. All elements are coated with paints that provide very good colour fastness and extended abrasion resistance. These coats, resistant to the destructive impact of weather conditions, ensure that your roller shutters will fully maintain their aesthetic and usable properties for many years. Excellent material working and regular quality checks guarantee a final product capable of satisfying the strictest requirements. Certainly, the roller shutters you purchase will be a good investment, lasting for many years.



Casstyle® roller shutters are a perfect combination of ideal materials and precise workmanship.

Roller shutters provide ideal acoustic insulation.



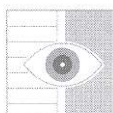
Roller shutters provide effective protection against uninvited guests.



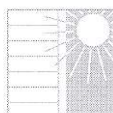
Roller shutters provide additional thermal insulation. They allow for considerable reduction of heating expenses.



Roller shutters protect your privacy. They will protect you from inquisitive looks.



In summertime, roller shutters provide a pleasant cool and protect against solar radiation.



Roller shutters increase the comfort of a home and ensure a feeling of cosiness and safety

Certified roller shutter systems

Elements used to manufacture **Casstyle**® roller shutters have declarations of conformity with applicable certificates permitting them for general use in building industry. **Casstyle**® roller shutters are manufactured according to the AT-06-0183/2005 Certificate, 2nd edition, which provides formal grounds for permitting their use in building industry.

ADAPTATION SYSTEM

Designed for use in existing buildings. The roller shutter is wound into an aluminium box affixed on a wall or built in in a frame. In that case, the box is a decorative element, selected so as to match the building appearance. In this system we offer a selection of two box types: SK 45 system boxes and round *Owal* system boxes.

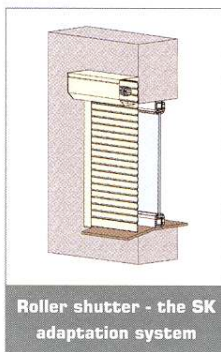


Aluprof roller shutters - the SK 45 system.

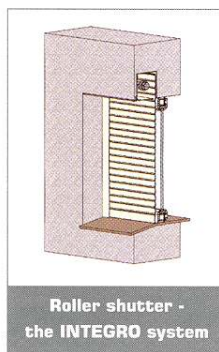
In order to satisfy the needs of our customers with high architectural requirements, who seek modern and functional solutions, **Casstyle**® offers the *Owal* system. Proven and reliable roller shutter technology is combined here with an elegant and modern box and rounded aluminium guide. This unique form allows you to give any façade an entirely individual character.



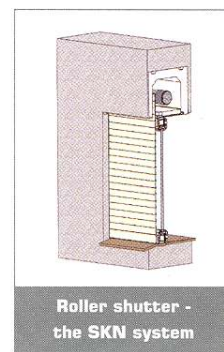
Casstyle® roller shutters - *Owal* system.



Roller shutter - the SK adaptation system



Roller shutter - the INTEGRO system



Roller shutter - the SKN system

THE INTEGRO UNDER-PLASTER SYSTEM

A system designed primarily for use in new buildings, but also available for already existing facilities (after having made any required modifications within the lintel area). The system provides optimal solutions to designers and builders. After plastering, the roller shutter box is invisible, while the colours of other elements, that



Casstyle® roller shutters - the *Integro* under-plaster system.

is the inspection cover and guides, can be matched to the window frame colours. The *Integro* system elements fitted under plaster do not collide with window, door and lintel structure, and thus they do not disturb the energy balance of the building. The *Integro* system allows for the roller shutter to be made in the left-hand version only.

THE SKN-TYPE LINTEL SYSTEM

This system is used only in new buildings. The SKN boxes offered by **Casstyle**® are finished construction elements, to be used by architects and building companies. Application of special technology and hard foamed polystyrene (which ensures a satisfactory thermal insulation level), and properly selected plaster carrier guarantees a trouble-free building façade finish.



Casstyle® roller shutters - SKN lintel system.

Until now, this was the only under-plaster box system used. Recently, its successor has been developed, namely the *Integro* system. That system allows for the roller shutters to be made in the right-hand version only.

ROLLER SHUTTER + MOSQUITO NET

Wishing to extend roller shutter functionality, we added to our offer a new solution - roller shutters integrated with a mosquito screen. Besides the previous generally known advantages, the proposed system additionally protects the building interior against mosquitoes. Both elements of this system, that is the roller blind armour and mosquito screen, can be used independently of each other. Thus, the interior of your home gets additional protection and at the same time its comfort and safety increases.



Casstyle® roller shutter in *Owal* system integrated with the mosquito net.

Roller gates

Due to its special use, each garage should be a functional and safe facility. The most important element responsible for these features is the garage door. The door is intended not only to protect the car, but access to your home as well. With these requirements in mind, **Casstyle®** proposes its roller gates.

FUNCTIONALITY

Roller gates are a versatile solution. The doors can be fitted both in new and existing buildings. An important advantage of roller garage doors is that they save space. A door working in the vertical plane is a particularly good solution in places where the driveway to the garage is short or the door opens directly onto a street or public road. This considerably increases drivers' safety, since the raised door/gate armour does not limit their visibility. Roller garage door functionality is also proven by its individual elements. The sections from which armour is composed are characterised by good thermal and acoustic insulating properties. If you wish to allow light to enter, install glazed profiles in the door armour.

SAFETY

A roller gate is a safe solution from any point of view. Armour made of PA 77 profile is resistant to mechanical impact, and robust guides make pulling it out much harder. As a standard, the door is also protected against raising.



Roller gates can be fitted both in new and existing buildings.

An electromagnetic brake for actuator operating the door/gate and blocking hangers efficiently prevent any efforts to lever the door. According to applicable standards, the design of our door also provides for protection against being crushed by the closing gate. The door will be immediately stopped if any obstacle is found within the photocell operation range. Power failure is also not a problem. If the voltage supply is interrupted, the door may be opened or closed using an emergency manually-operated mechanism (ANR). This emergency mechanism is available for all **Casstyle®** actuators.

AESTHETICS

As it is an important architectural element, the door should be in harmony with the building façade. Well-matched colours and an aesthetic appearance mean that the door splendidly accentuates the house and garage façades.

COMFORT OF OPERATION

The use of an electric drive and remote control system ensures high comfort of operation. A radio control makes it possible to open and close the door without leaving the car. This can be especially advantageous; e.g. during rainy weather or in the evening; it is possible to switch on driveway or garage lighting using the remote control unit.



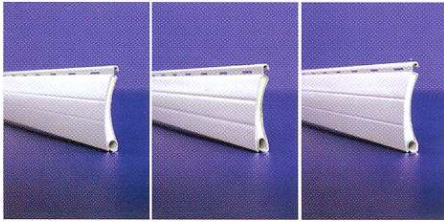
GARAGE DOOR PROFILE PA 77

This profile is made of high-grade aluminium sheets, designed to make the structure of roller gate armour. Emphasis has been put on the protective properties of the profile. The special shape of the profiles and suitable sheet thickness makes it possible to build stable armour resistant to any mechanical impact. Application of high-quality lacquers guarantees very good strength properties and extended section coat abrasion strength. This profile is resistant to weather conditions and easy to keep clean. Its advantages are high strength and low weight. Depending on individual needs, PA 77 profiles may be combined in an armour with glazed profiles (PER 77) and/or ventilating profiles (PEW 77).



An electric drive and remote control system ensure high comfort of operation.

Roller shutter profiles - included in the scope of the AT-06-0183/2005 Specification



PROFILES PAU 37, PA 37 and PA 39

are among the most popular aluminium profiles. The success of these profiles' group is proven by the fact that roller shutters made of these elements have been protecting windows in thousands of homes all over Europe for many years now. Their low height and slender shape favour the use of PAU 37, PA 37 and PA 39 profiles in rolling window shutters. Owing to this, the profiles roll up perfectly, in particular PAU 37, and they fit well in small boxes.



PROFILES PA 40 and PA 45

are designed for use in rolling window shutters, door recesses and small shop fronts. These profiles are higher and thicker than the previous ones, and thus they are more stable and stronger. At the same time, good rolling-up diameters allow for the use of these profiles in small boxes.

PROFILES PE 41, PE 55


belongs to the group of extruded profiles. They are recommended for those for whom safety issues are decisive. It is characterised by very good strength properties ensured by these profiles' structure. Roller shutters made of the PE 41 profile satisfy requirements for the second class of resistance to burglary, according to ENV 1627 1999. (Conformity Certificate no. 053/03). Due to the considerable total weight of roller shutters made of PE 41 profiles, we recommend using electric drives or semi-automatic mechanisms.



PROFILES PA 52 and PA 55

are designed for use in very wide rolling window shutters, door recesses and shop fronts. Their robust design guarantees highly rigid profiles, while their well-shaped, proportional appearance is maintained.

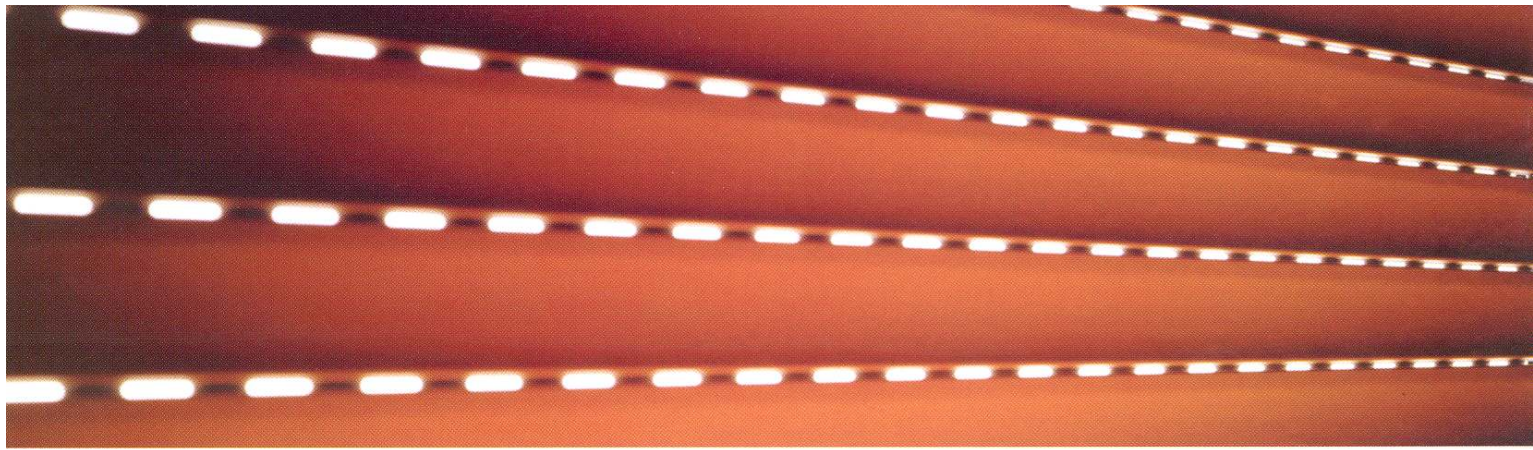
The PA 52 profile is worth special attention due to the ideal rolling-up parameters in this section class, which allows for the use of small boxes. Owing to this considerable diversity of profiles and the broad selection of colours offered by **Casstyle**, it is possible to manufacture roller shutters and roller garage doors that carry out miscellaneous usable and architectural functions.

All profiles listed above are included in the scope of the AT - 06 - 0183/2005 Specification, which authorizes marking products with the building symbol . Our profiles are manufactured on automated production lines, using the cold roll forming process (with the exceptions of PE 41 and PE55). The starting materials for the production process are high-grade aluminium sheets, which satisfy qualitative requirements specified in the EN 1396 European Standard. Sheet aluminium is given double-layer lacquer coats applied according to the PUR-PA process, which ensure extended resistance to abrasion and the impact of weather conditions. The foam filling the sections gives the elements good thermal and acoustic insulation properties.

	Code	PAU 37	PA 37	PA 39	PA 40	PA 45	PA 52	PA 55	PA 77	PE 41	PE 55	PER 77	PEW 77	PEK 77	PEK 80	PE 100
non-lacquered	x00									+	+	+	+	+	+	+
silver	x01															
white	x02															
grey	x03															
dark beige	x04															
beige	x05															
dark wood	x06															
light wood	x07															
dark brown	x08															
brown	x09															
yellow	x11															
red	x12															
green	x13															
blue	x14															
cream	x15															
ivory	x16															
fir green	x17															
steel blue	x18															
claret	x 19															
black	x20															
grey anthracite	x23															
golden oak	x24															
golden oak	x24R															
mahogany	x26R															
cherry	x27R															
walnut	x28R															

x = 0 perforated profile

x = 1 non-perforated profile



One of the issues that all companies today must care for is environmental protection. The polyurethane foam filling our sections is CFC-free, and paints used to coat elements manufactured by us are cadmium- and lead-free. By introducing ecologically pure products and processes, we express our care for the environment and our intention to maintain its harmony by acting to protect it.



LICENCE CERTIFICATE

AUTHORIZATION TO USE THE QUALITY SIGN



METRA POLAND ALUMINIUM, PL-Warszawskie
Licence number: 1509

It is authorized to use the quality sign which is shown above according to the REGULATIONS FOR THE USE OF THE QUALICOAT QUALITY SIGN FOR PAINT, LACQUER AND POWDER COATINGS ON ALUMINIUM FOR ARCHITECTURAL APPLICATIONS.

Date of issue of the licence: 03.03.1998
Period of validity of the licence: by 31.12.2006

Zuzb. 31 August 2005
QUALICOAT
Carlo Barozzi
President
Joel Schepers
General Secretary



KEMA



LICENCE CERTIFICATE

AUTHORIZATION TO USE THE QUALITY SIGN



METALPLAST BIELSKO S.A., PL-Bielsko Biala
Licence number: 1508

It is authorized to use the quality sign which is shown above according to the REGULATIONS FOR THE USE OF THE QUALICOAT QUALITY SIGN FOR PAINT, LACQUER AND POWDER COATINGS ON ALUMINIUM FOR ARCHITECTURAL APPLICATIONS.

Date of issue of the licence: 07.08.2003
Period of validity of the licence: by 31.12.2006

Zuzb. 31 August 2005
QUALICOAT
Carlo Barozzi
President
Joel Schepers
General Secretary



We use only selected materials to manufacture our sections, which guarantees the excellent quality of our products.

Our suppliers are the world's leading manufacturers of lacquered aluminium sheets. All of them have the ISO 9001, ISO 9002 and ISO 14001 certificates. Also, the creative work of our Construction Department contributes to the highest quality of our products. The Construction Department develops designs of new roller shutter elements, taking into account all comments and guidelines received from our customers, conducts research, and inspects workmanship quality at each stage of the product manufacturing process.

All sections, aluminium boxes, side caps for boxes, guides and bottom strips are included in the scope of the AT - 06 - 0183/2005 Certificate. This Document certifies our products for general use in the building industry.

