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This printed edition of the company brochure is a supplement to the company film. You can see the film by going to the website www.g-u.com or directly by scanning the QR code opposite.



#### Dear Readers,

Opening, moving, closing, securing: products by Gretsch-Unitas group are installed all over the world. They can be found in multi-storey buildings, privately owned homes, architectural landmarks and functional buildings. The versatility of our products puts us in a very strong position when it comes to satisfying all door, window, security and building management requirements.

The products of the traditional brands GU Baubeschläge, BKS and FERCO as well as GU Automatic and ela-soft are the basis for this. We are proud of our comprehensive range of products more than 30,000 of which are guaranteed to be mutually compatible, and are being continuously developed further day after day anew, for more than 110 years now.

However the philosophy of our family-run company in which mutual appreciation of our customers, partners, suppliers and employees plays a significant role is of equal importance.

In this brochure, we want to demonstrate our approach to development and production but also show how we advise and supply, and also support our customers from the planning stage through to commissioning. We pass on our specialist knowledge to you in the form of training courses and certifications. This is another aspect that makes us a formidable partner - worldwide in more than 35 countries on all five continents. All of this combined is what gives the GU products and services their special quality. For our system solutions, a contact person will provide you with support from planning through to maintenance. We therefore secure technology for you - with the characteristic systematic approach of Gretsch-Unitas.

On the following pages, you can find out in detail what this involves: from forward-looking products through to our culture of innovation which has evolved historically, in-house development and production through to the 3,500 qualified and committed members of staff worldwide.



Julius von Resch (left) and Michael von Resch (right)

f.v. Kusch Mu. Beh.

Michael von Resch

Securing technology for you









# Securing technology for you

#### ...international outlook

Wherever our customers are, that's where we are too: everywhere in the world in more than 35 countries on all five continents. This presence creates proximity and makes us your capable partner. A partner that speaks your language and provides support and assistance throughout the entire project.

#### ...System supplier + Solution partner

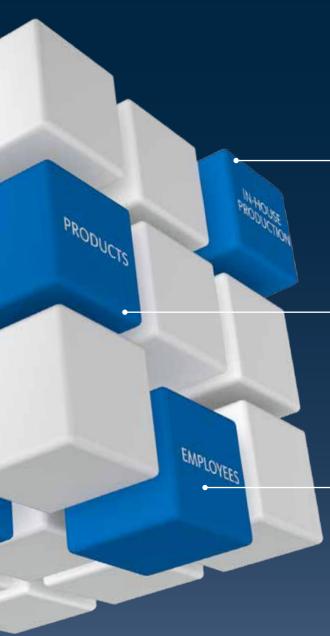
**We provide answers:** we deliver the right products, also for highly complex requirements. We do this as a system provider with a coherent range of products – and with our expertise for small series and special solutions.

#### ...leading innovator

We think ahead: product ideas by Gretsch-Unitas set standards in the market. After all, our innovations are more than just new products. They pave the way in terms of security and comfort, efficiency and flexibility. In doing so, we trade on the solid foundation of the strong tradition that we have nurtured for more than a hundred years.







#### ...in-house production

We know every component: when manufacturing our products, we rely on the people that know them best – our members of staff. They install and check all products at European production sites in Germany, France and Slovakia.

#### ...high-quality products

We let systematics do the talking: we owe our success to product diversity - as our offering of more than 30,000 articles demonstrates. The individual components demonstrate their overall potential as a formidable system, particularly in terms of their intelligent interaction.

#### ...qualified employees

We know our biggest strength: our members of staff are the best ambassadors for Gretsch-Unitas group.

Committed, well-qualified and in the company for the long haul, they represent our brand values.

The strengths of our group do not just stand up for themselves in isolation, they complement each another mutually.

Together, they represent the brand values of Gretsch-Unitas – the core of the securing technology system.





Where our customers are, that's where we are – all over the world. After all, the Gretsch-Unitas group has a presence in all five continents.











More than 30,000 articles in the range 6 manufacturing companies in Europe

More than 50 production and sales companies in more than 35 countries





Our traditionally international outlook is key to our success on the global market. The more than 30,000 articles in the range are not just our world of products, they are also products for the whole world. This includes a strong presence as solutions partner, providing advice and service to our customers wherever they may be. The result is impressive solutions incorporating Gretsch-Unitas technology - in office buildings, airports, public authorities, luxury hotels, schools, hospitals and privately owned homes. In this respect, our expertise in relation to opening, moving, closing and securing is also decisive for our customers.

An international outlook, as we understand it, also includes sophisticated logistics. This ensures a reliable supply of products and parts to our partners around the globe.

Wherever you are, we are with you and speak your language. This is true from a technical, but also a geographical, standpoint. Our employees can after all support their projects all round the world in more than 50 production and sales companies: highly committed, with a high degree of technical problem-solving expertise and specific knowledge of the conditions, standards and guidelines in the respective markets.

We offer our customers mutually compatible solutions throughout the entire product range of our group: from door technology and automatic entrance systems to the world of windows and facades through to high-performance access control, building management systems and networked building technology.

All products and solutions are developed by our engineers at the headquarters in Germany and manufactured by highly skilled Gretsch-Unitas group employees at the European production sites in Germany, France and Slovakia. This cultivates trust in us and our products – worldwide.

More than 3,500 employees worldwide

We speak your language

### Securing technology as system provider



Together with our customers we open up new avenues. Nowadays this is more important than ever before. After all, projects are becoming more and more sophisticated from an aesthetic and technical standpoint – but also increasingly complex too. Accordingly, the demands on the products used and their functions, efficiency and compatibility – with one another and also with the overall building system – are also high. We always find the right solution to meet this challenge from our range of products.

We are your capable problem-solving partner – from the details right up to overall project level. We are committed to this as system provider, with a comprehensive yet intrinsically coherent range of products which are mutually compatible in terms of all the elements used. But we also have cost-effective ideas for individual small series and special solutions.

Architects, planners, fabricators or small-scale professional tradesmen – and therefore the end customer – benefit from this range of services. After all, it has been clear for some time now in the building industry that construction products that are inherently coherent and comprehensive one-stop solutions are particularly sustainable.

Bright future with system – a future we are especially committed to. This starts by combining different products for a specification that is tailored to the individual project and can be achieved extremely cost effectively by using our mutually compatible standard elements. Depending on the project and requirements, a high degree of individualisation is possible through the development of specific parts by our engineers. These can in turn be efficiently connected to our standard elements – for non-standard facade solutions for example.

Convincing comprehensive one-stop solutions



Future with system. We do not simply offer products, we offer coherent solutions in every respect – all as a one-stop service and based on the extensive product range.



The harmonised range of products and problem-solving expertise of Gretsch-Unitas are also the basis for a high degree of transparency in the handling of projects involving joint acceptance by a contact person. And ultimately, our products are convincing due to their exceptional reliability and efficiency when in use – not least due to the committed aftersales support provided by Gretsch-Unitas. This is how we ensure our products are also convincing time and again in the long term.





Project expertise

Inherently compatible solutions

Sustainable system solutions

## Securing technology with innovations



For Gretsch-Unitas, innovation means continually opening up new dimensions for customers with products and solutions – for more security, comfort and efficiency.







BKS develops the round cylinder – the first modern lock cylinder system

1938

Invention of the Lift&Slide hardware

1958

First electronic ESI cylinder

1989

Internet-based MKS planning and ordering platform for master key systems

2005

1924

Patent registered for sliding door hardware

1950

BKS brings the world's first panic lock on to the market

1979

Development of the GU-SECURY multipoint locking system 1990

ela-soft develops non-proprietary advanced physical security information management system





Innovation is a building built on the foundation of a solid tradition. This is why our new solutions provide convincing answers to current challenges in the industry and therefore set the future trends in the international market. At the same time we are continually developing our tried-andtested products thus securing their active future. After all, our group nurtures a culture of innovation with perspective, which is one of the core values. More than 1,400 patents received up till now for our designs are testament to this. They set standards in the industry – now and in the future.

In-house development is a particular strength of our brands. This is because our experts always think in terms of systems when working on new solutions and products. While they have a full overview of the individual product and its strengths, they also look beyond the product and consider the networking options and potential compatibility with the Gretsch-Unitas solutions world. This culture of development with perspective is possible because the engineers always keep the overall application objectives of our technology – such as security and comfort, barrier freedom and efficiency – in their sights.

This innovative work is reflected by countless inventions by our brands that time and again give the market decisive impulses. This includes our Lift&Slide hardware as well as the SE technology, the BKS round cylinder, the MKS system, the JET Tilt&Turn hardware, the HM-F FT sliding door for escape and rescue routes, the GU-SECURY Automatic multi-point locking and many more. Every one of these innovations is a distinctive module of our product world – and a step forward for us and for our customers.

#### 2012

ixalo lock: the first lock-integrated access control

#### 2014

GU house entrance door package – multiple award-winning and VdScertified

#### 2017

The future of sliding: Completely barrier-free Lift&Slide door HS ePOWER

#### 2018

Access to greater flexibility: ixalo – the electronic locking system by BKS

#### 2019

Floor-flush GU system threshold awarded as product of the year (bfb)

## Securing technology with in-house production



Expertise down to the last detail, as reflected by the in-house development and production of our products at sites in Germany, France and Slovakia. Just as our customers put their trust in the product quality and guaranteed compatibility of our product range as a one-stop provider, we also put our trust in the outstanding skill and experience of our members of staff. Thanks to them, the indication of origin "Made in Europe by Gretsch-Unitas" has become a label which is renowned worldwide.

We think ahead - particularly also with respect to production at our European sites. Here, efficient modern processes effectively balance the requirements for more complex technology tailored to individual requirements with our high quality expectations. For example, the employees in the assembly area are intelligently supported by the "Pick by Light" system adopted from the automotive industry. This reduces complexity using light signals that provide clear guidance through the assembly process, much in the same way as traffic lights direct road traffic. This leads to the sustained reduction of errors in highly customised manufacturing processes and supports a smooth process flow.

However, the expectation to carry out all production steps ourselves is not just confined to the assembly stage, it also extends to engineering of tools at our in-house workshops and also international logistics. The in-house production at Gretsch-Unitas group is as well thought out as our products. Our certifications, for environmental compatibility and process quality among other things, also demonstrate this.



Innovative modes of working such as "Pick by Light" system



Our products in their entirety bear the signature of Gretsch-Unitas. After all, a system can only be convincing as a whole if all of its elements are perfectly matched with one another. We therefore manufacture at in-house facilities in Europe.







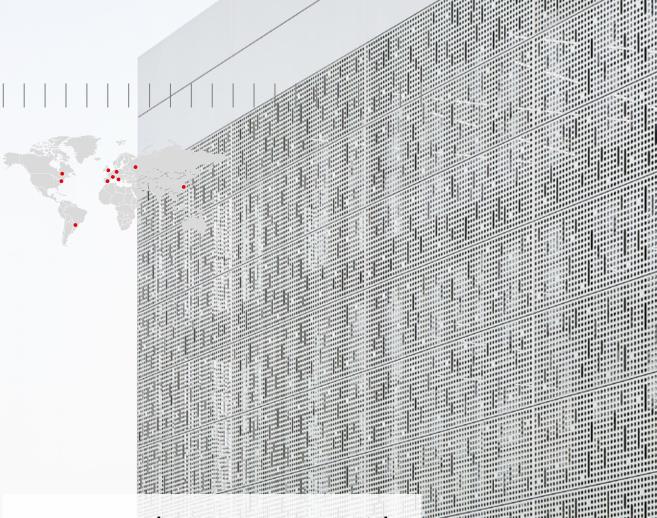
Countless certifications for environmental and process quality

Label Made in Europe by Gretsch-Unitas Commitment and identification of staff members









# Escape and rescue routes with reliable security equipment

In emergency situations things need to move fast – and easily. This is why it is crucial to ensure clarity in relation to the operation of escape doors to ensure that escape and rescue routes are safe and reliable. Because human lives depend on their function, we offer our customers harmonised escape door system solutions. They go far beyond just satisfying the minimum requirements prescribed in the standards.

Our smoke and heat exhaust systems (SHEV) also satisfy this high standard. These solutions make every building in which they are used a point of reference for Gretsch-Unitas.

After all, these systems offer security and reliability – for the users of the building and architects and planners alike.











# Intelligent solutions for access control

Whether an ultra-complex master key system in a commercial building or entrance door lock in a private residence – our products control authorised access to buildings. This combines security and convenience, as Gretsch-Unitas technology works like a good porter: by refusing entry to unauthorised persons and welcoming authorised persons in a courteous manner.

Architects, landlords and safety experts depend on the reliable functions of our products and also on their efficiency and adaptability. This is because our solution system is all-encompassing and intrinsically compatible and therefore allows the optimum form of access control to be configured for every property and every project.





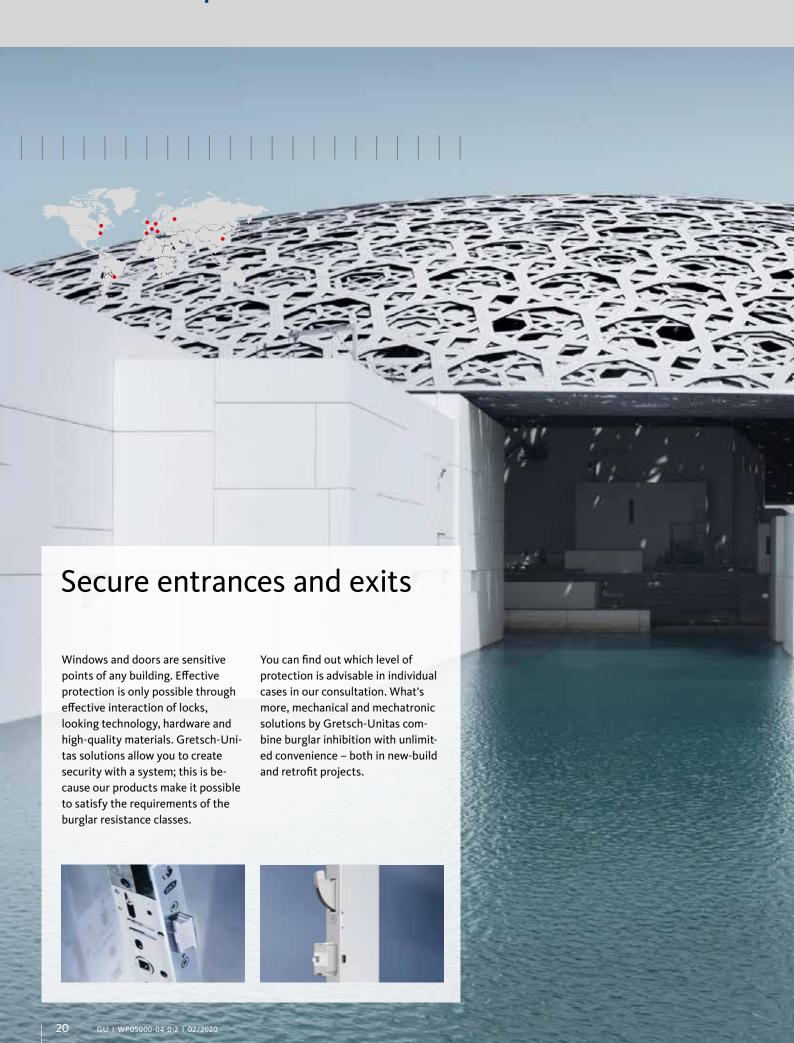






















# Convenient opening, moving, closing, securing

#### Window technology

Effortless tilting, turning, lifting and sliding.

GU group ensures that windows are convincing in terms of their function, security and aesthetics – for all kinds of window shapes, opening types, profiles and materials. Owing to its special systems expertise, Gretsch-Unitas can be your reliable partner – whether you need standard hardware with high quality workmanship or a special solution adapted to individual requirements.

### **Door Technology**

Opening the door to the future.

As system supplier, Gretsch-Unitas offers a comprehensive range of products to allow doors to be opened and closed conveniently and safely. We offer a whole world of solutions for doors, ranging from hardware to locking technology and multi-point locking through to digital control. This means we can turn every single door into a system that is perfectly harmonised with the requirements in each case.





# Automatic entrance systems

Shaping the world of entrances.

Entrance systems offer transparency, security and convenience, but also contribute towards energy efficiency and frequently play a role in fire prevention. Gretsch-Unitas offers its customers the right solution to meet this challenge: automatic doors that satisfy the highest expectations in terms of the various functions they perform.



# Building management systems

Overview of the entire system.

How, what, who and when? Efficient building management provides credible answers to these questions by controlling and monitoring processes. Although many of the core requirements are the same for all projects, they are also equally diverse when it comes to detailed implementation, from computing centres to football stadiums through to prisons. Gretsch-Unitas is familiar with the requirements and processes and delivers systematic tailor-made solutions.











## Securing technology with products



# Window technology

- Hardware for the facade
- Tilt&Turn hardware
- Tilt&Slide hardware
- Parallel-Slide hardware
- Fold&Slide hardware
- Lift&Slide hardware
- Horizontal-Pivot hardware
- Vertical-Pivot hardware
- Fanlight opening systems
- SHEV / NSHEV and ventilation systems
- Manual ventilation systems



# Automatic entrance systems

- Sliding doors
- Swing-door drives
- Revolving doors
- Controlled physical access
- All-glass sliding walls
- Industrial doors





#### **Door Technology**

- Mortise Locks
- Multi-point locks
- Locking systems
- Door hardware
- Door hinges
- Door closers
- Escape door system solutions
- Access control systems
- Construction accessories
- Thresholds



# Building management systems

The GEMOS advanced physical security information management system offers the following industry solutions:

- Penal institutions
- DatacenterControl
- ArenaControl
- LogisticControl

# Project-wide compatibility









#### Securing technology with networked products



BKS +connect – networked security and building technologies These services offer all-encompassing solutions for networked building security. The offering is aimed at architects, planning consultants, project developers, property developers, companies and public companies.

The market demands for complex networking of safety-related building components are becoming more and more exacting. To establish and expand the new business area BKS +connect – networked security and building technologies of the Gretsch-Unitas group – investments have been made in software and hardware and for expansion of the service segment. Further investments have also been made in the training and further development of employees and customers.

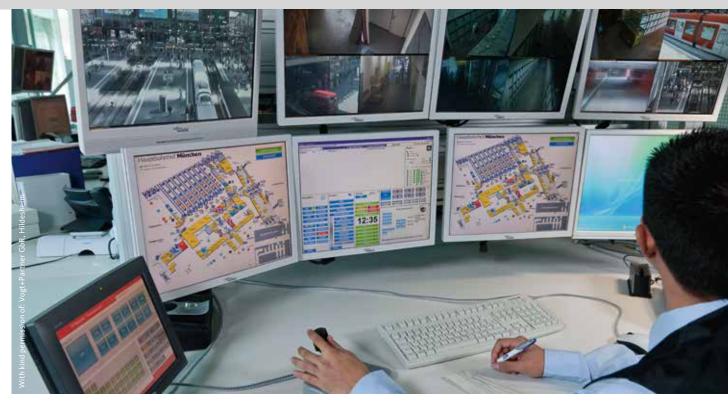
The BKS +connect services offer all-encompassing solutions for networked building security. They represent a response to the increasing demands of the market and customers. The offering is aimed at architects, planning consultants, project developers, property developers, companies and public companies.

BKS +connect encompasses expertise in the areas +planning, +project and +service. If required, the customer receives an all-encompassing solution for networked security and building technology, from planning to project development and implementation through to service.

Networked expertise: our non-manufacturer-specific GEMOS advanced physical security information system by ela-soft offers interfaces for (nearly) all security systems available on the market. It enables these systems, and also all products of the GU group, to be networked via GEMOS.

BKS +connect provides all-encompassing security concepts for individual projects or buildings. The solutions not only contain components for fire protection, burglar protection, video surveillance and access controls, but also for IT network infrastruc-





ture – depending on the requirements and extent/nature of the danger. Communication and networking of all systems is the main objective in every case. The systems are easy to operate, and the service concept is extremely comprehensive. The value of rapid implementation to an extremely high standard and a high degree of transparency for customers is emphasised during project development.

# BKS +connect consists of three areas:

Planning services +planning: analysis of business processes, security and optimisation concepts, outline planning by specialised planners, cost estimates, creation of performance specification, bills of quantities and functional tenders, detailed plans and as-completed drawings.

Project implementation +project: project management on the building site to flexibly coordinate the many different trades and professionally complete a wide variety of tasks.

Service packages +service: a comprehensive service from a single source – from project management through to installation and commissioning and subsequent service and maintenance.









## Securing technology with qualified employees

Quality and qualifications go hand-in-hand. Highly qualified people are working for Gretsch-Unitas worldwide – with passion and commitment.



Gretsch-Unitas is a family-run, internationally active group of companies. Employees benefit from our extensive range of qualification and further training offerings. Our good working atmosphere, sense of social responsibility and open communication ensure a high degree of motivation and above average periods of continuous employment.

The loyalty of the employees to the company reflects a satisfaction which comes from the opportunity to take responsibility and be involved in the organisation of tasks. Mutual appreciation, flat hierarchies and a good culture of communication further enhance this level of satisfaction. We are particularly concerned with providing consistent encouragement and support to employees throughout their professional life. This starts from the initial stages of

their carrier at the company – with training or dual studies for example. Their knowledge and ability is continuously expanded and refreshed by advanced training and further education. Everyone gets actively involved, sharing experiences and ideas, in order to optimise work processes, and increase quality and cost efficiency. Every idea takes the company forward and is reflected in the production.

There are many opportunities available to the various German and European production sites or sales companies for working worldwide.

We see ourselves as a team in which each member counts. We nurture and practise team spirit. Every day. Everywhere.

From trainee to manager

More than 3,500 qualified employees worldwide











Flat hierarchies and a good culture of communication

Continuous advanced training and further education

Many opportunities to enrol in training and studies

### **Our history**



Our story is the key to the success of the Gretsch-Unitas group – today and in the future. It is a story of successful endeavours to produce technology offering convenience, security and efficiency.

The name Gretsch-Unitas is derived from the names of the company founder Viktor Gretsch and the UNITAS metalware factory where the successful Unitas Horizontal-Pivot windows were manufactured. The street in which the group headquarters has been located since the 1970s was named after the managing director and co-partner

Johann Maus. Today, the Gretsch-Unitas group is managed by the brothers Julius and Michael von Resch in the third generation. In the 1920s and early 1930s, the company developed more than 120 patents and distributed its products throughout Europe. After difficult times, the company was successfully reconstructed



Viktor Gretsch founds Hermann Gretsch GmbH and the UNITAS metalware factory

1907



Gretsch Unitas acquires shares in FERCO, France's biggest manufacturer of architectural hardware

1975



BKS, the best known German manufacturer of door technology, is integrated into the group.

1983

1903

Founding of company Boge & Kasten, Solingen (BKS) 1910

Johann Maus becomes Managing Director and partner 1981

Founding of AGENA GmbH for data processing

AGENA

2000

Takeover of ela-soft, the developer of the successful GEMOS building management software







and relocated from Stuttgart to Ditzingen. In the mid seventies, the company expanded to a group: first, by acquiring FERCO, the French manufacturer of architectural hardware, and later through the acquisition of the leading lock brand BKS and by establishing its own service providers.

Thus, a powerful group has emerged that offers compatible high-quality products as a system provider covering the entire product spectrum. We consider this history which goes back more than a hundred years to be proof of our future viability.

We invest and develop, we respond to the demands of the market and think ahead: in the meantime we have been granted more than 1,400 patents. Our tradition of finding solutions has remained unchanged until today.



Integration of ATS GmbH (today: GU Automatic GmbH) as well as Tür + Tor Service GmbH & Co. KG

2001

Brand with tradition: 100 years of BKS GmbH

2003

G-U

GRETSCH-UNITAS

Introduction of new brand presence of the GU group with umbrella and system brands

2011

BKS +connect – networked security and building technologies

2020

#### 2001

Founding of Gretsch Unitas Logistik GmbH

#### 2006

BKS awarded "German brand of the century"

#### 2008

GU Slovensko Works in Nitra opens

#### **Imprint**

Opening, moving, closing, securing – true to its motto "Securing technology for you", Gretsch-Unitas group provides groundbreaking solutions for window and door technology, automatic entrance systems and building management systems. With its system brands, the group delivers solutions for burglar inhibition at doors and windows, barrier-free construction, doors in escape and rescue routes through to bespoke facade solutions for projects.

INTERNA-TIONALITY

SYSTEM

INNOVATION



GRETSCH-UNITAS GMBH BAUBESCHLÄGE

GU in Ditzingen is the headquarters of the group, development, administration and the production of modern architectural hardware for window and door technology. It is equipped with different flexible assembly departments, a high-tech punching, galvanising and anodising facility.



BKS GMBH

BKS manufactures mechanical and electronic locking cylinders, locks, locking systems and panic locks for escape and rescue routes. Harmonised mechanical and electronic system solutions are available for access control.



FERCO INTERNATIONAL S.A.S.

Ferco is the largest production site for window hardware in France. As a subsidiary of the Gretsch-Unitas group, Ferco also offers customer support and distribution in France for all products of the group.





#### **Exclusion of liability**

Although we have made every attempt to ensure the information provided here is accurate, it is non-binding. It should be adapted to the respective construction projects, usage and specific on-site demands. The publication has been compiled to the best of our knowledge. The Gretsch-Unitas group accepts no liability for any errors. The document is subject to modifications during the course of technical developments. The product images shown in the publication may differ from the actual product.

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