



PremiSlide 76  
Trend setting sliding systems  
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# PROFINE NEWS



FENSTERBAU FRONTALE 2018

March 2018

## EDITORIAL



Welcome to  
Fensterbau Frontale 2018,

The eyes of the international industry are on the leading trade fair in the sector, Fensterbau Frontale, which this year is again being held in Nuremberg. The latest edition of profine News gives you an overview of our company's latest developments for the exhibition.

True to our motto, "PEOPLE. PASSION. PROFILES" we would like to show you why profine should be your system provider. Here are five good reasons: Our comprehensive range of systems, service, security, colours and strong brands.

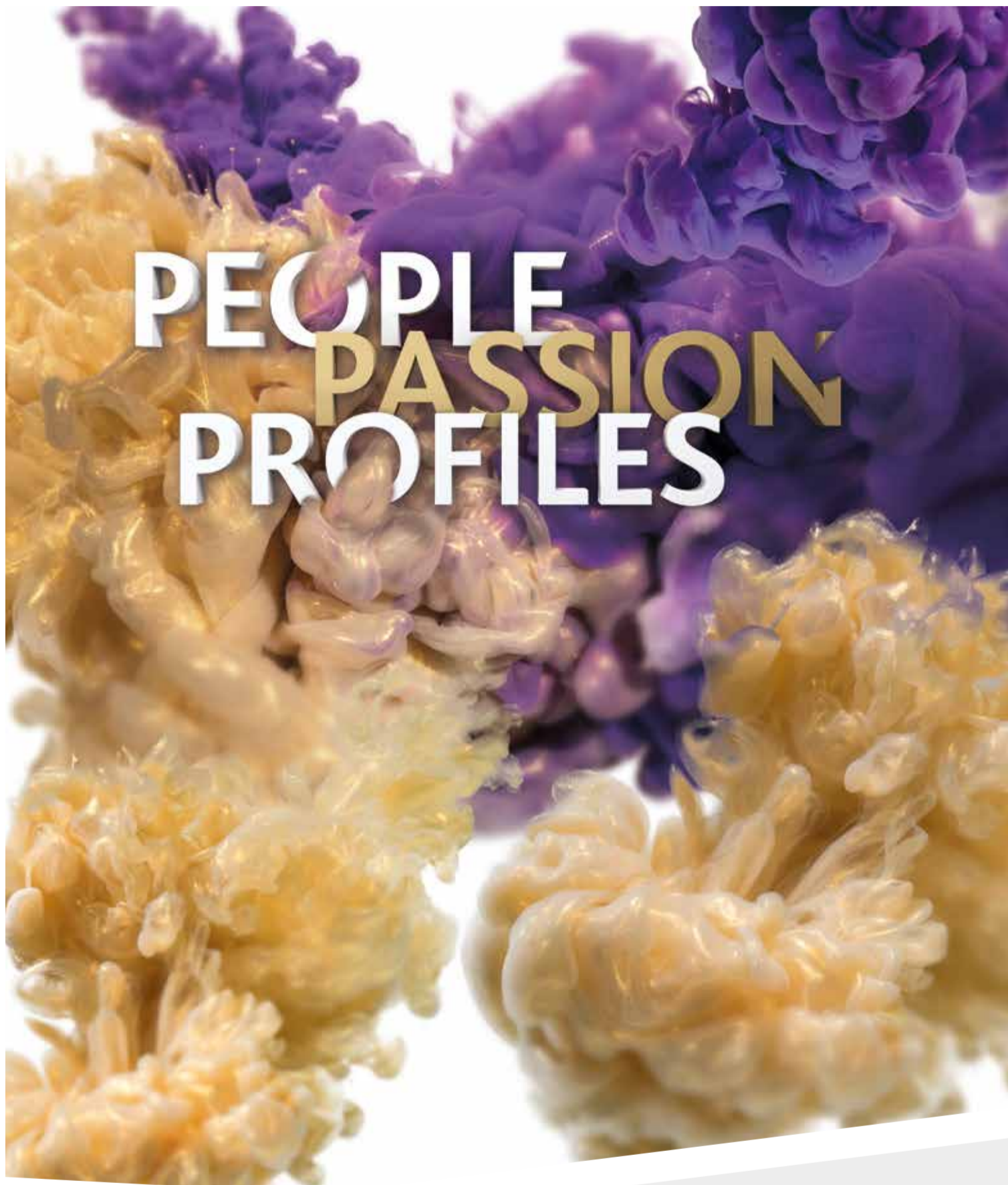
We look forward to your visit and hope to impress you at Fensterbau Frontale 2018.

Yours

Dr Peter Mrosik  
Owner and CEO

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PEOPLE  
PASSION  
PROFILES



## TILT AND TURN SYSTEMS PERFECT PLATFORM

A comprehensive range of systems, market-oriented products and a high level of compatibility – our platform strategy is very successful, especially in the case of the tilt and turn systems. Following the introduction of the two 76 systems to the market with double and centre seal in 2014 and the launch of System 88 in 2016, we are now introducing our new platform with a construction depth of 70 mm, a product that is ideally suited to the projects sector. This means we have a complete range to serve all segments of the market "from A to Z", with all systems having the highest level of compatibility and cost-effectiveness.

Continued on page 2

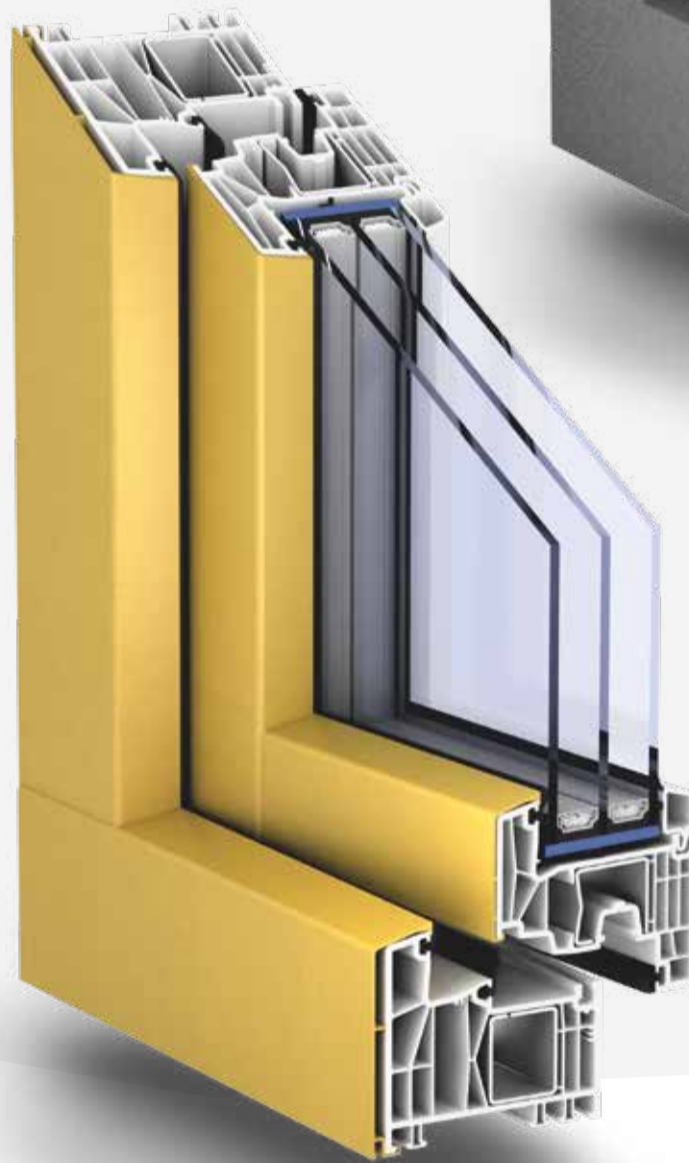




System 70  
Standard  
White



System 76  
Centre seal laminated on one side  
Basalt Grey



System 88  
AluClip  
Gold



System 76  
proCoverTec Fullcover  
Polar Blue

With the System 70, profine has completed its long-term platform strategy. The new system is now being presented in time for Fensterbau Frontale 2018 in the double seal version.

Visually, it hardly differs from System 76, and the use of the same steels, glazing beads, gaskets, thresholds and moulded parts makes it completely compatible with our other platform systems.

The design features of System 76, proven millions of times over, guarantee outstanding thermal and sound insulation values as well as superb statics. Despite the low installation depth, room-height elements remain possible, even in combination with modern 3-pane insulating glazing up to 44 mm.

# TILT AND TURN SYSTEMS PERFECT PLATFORM



## System 76 as a basis

A lot has happened since we developed System 76. In the high-volume standard market, we have responded to the strong demand and systematically extended it as the main system for our three brands – KBE, KÖM-MERLING and TROCAL. More than 1,000 specialist companies in Germany and abroad have switched to our System 76 mm.

The flagship is available as a 5-chamber double seal system and with the same visible frame widths as a 6-chamber centre seal system. Numerous upgrade options make it a versatile all-in-one solution for a range of uses. Even in the basic version, the system is characterised by exceptional functional values and meets the highest requirements, even for demanding new-build applications and renovations.

## Premium performance in the standard product

The introduction of our System 88 two years ago caused quite a stir, because the premium system provides passive house solutions even in the standard version. Even the standard version of the 7-chamber centre seal system already meets the exacting specifications for passive houses (according to ift Guideline WA-15/2), with a  $U_f$  value = 0.95 W/(m<sup>2</sup>K) with functional glazing and  $U_w$  values up to 0.72 W/(m<sup>2</sup>K) – and all this with steel reinforcements for maximum sash sizes in both white and coloured versions. With additional insulation, the System 88 in white also meets the passive house requirements of Dr Feist's institute.

"This extensive complete system offers fabricators the opportunity to expand their portfolio in the premium segment economically, giving them a head start in securing

energy efficiency in the markets of the future," said Dr Peter Mrosik, owner and CEO of the profine Group.

## Compatible, variable, versatile

In addition to using identical seals, steels, glazing beads and additional ancillary profiles, the optional use of upgrade technologies such as proEnergyTec, AluClip, AluClip Pro and AddOn ensure complete compatibility of different installation depths. Furthermore, special adhesive sashes are available for System 76 and for System 88.

The modular construction allows for a variety of combinations and variations for the special requirements in international markets. Having already developed special systems for France, Italy, Russia and the Netherlands, we are now also presenting System 76 for the UK and Switzerland.

Dr Peter Mrosik explained: "With our

platform, we are able to offer fabricators a wide range of systems with the highest level of compatibility and cost-effectiveness. We have developed systems that can claim to be the best available in their respective categories – with the aim of further strengthening the position of our partners in the market. Our success proves we have made the right decision."



PremiFold almost closed

PremiFold open

PremiDoor 88 Lux  
AluClip PurplePremiDoor 76 Standard  
proCoverTec Fullcover  
Cloud Grey

# TRENDSETTER SLIDING SYSTEMS

The demand for sliding systems is growing steadily. In addition to the popular premium lift/sliding doors, PremiDoor 76 and PremiDoor 88, profine is now presenting two new products: PremiSlide 76 is a compact, efficient and versatile sliding system – and PremiFold 76 is a very unique sliding system.

## PremiSlide 76

With this product, we are offering the ideal addition to our premium-class lift/sliding doors – robust, compact, efficient and versatile for the construction of sliding windows and doors. This new system is based on our 76 mm platform in the double seal version, offering the fabricator a high degree of compatibility. The convenient sliding system combines numerous advantages, such as

using very little space when opening. The gap opening permits exceptionally efficient ventilation. The  $U_f$  value of  $1.4 \text{ W}/(\text{m}^2\text{K})$  in the standard version and a  $U_w$  value up to  $0.7 \text{ W}/(\text{m}^2\text{K})$  is excellent for sliding systems. The seal, which is compressed on all sides, makes a perfect system.

In terms of design, PremiSlide 76 offers great versatility, as the construction schemes are based on lift/sliding door systems such as the PremiDoor 76. Alongside classic white, a wide range of wood decor laminates and metallic colour foils, including the AluClip version, are available to create an individual colour design.

Exclusively for the PremiSlide 76, the "Eco Slide" fitting specially developed by Siegenia is available for the construction of suitable sliding elements.

## PremiFold 76

PremiFold 76, a special sliding system for windows and doors, is the latest in a long line of product innovations in our sliding systems. The system comes with very special applications.

A major plus of PremiFold 76 is the way windows and doors can be opened to maximise ventilation without compromising security. PremiFold 76 can be used for very large openings. Your home or business property can be given an individual look with a wide range of decor laminates. For the fabricator, the new system offers cost-effectiveness, because it is based on the profine 76 mm platform.

Another benefit is that the elements have no visible fittings. Windows and doors can be equipped with both double and triple glazing.

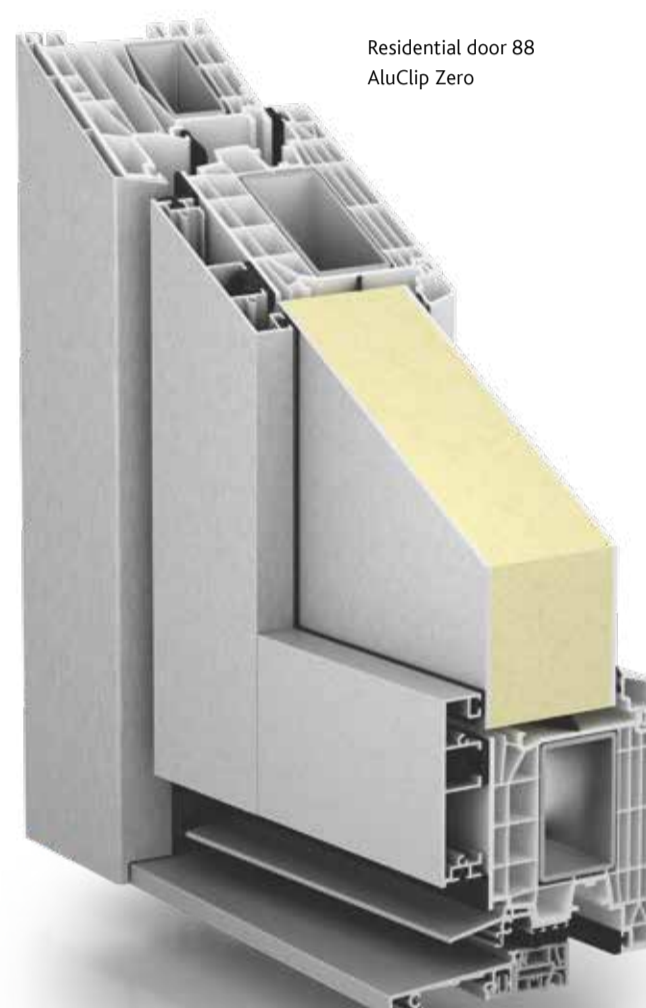


PremiSlide 76  
White



PremiSlide 76  
Centre Section  
White

# ALUCLIP ZERO RESIDENTIAL DOORS HIGH-CLASS LOOKS – PROVEN COMPATIBILITY



Residential door 88  
AluClip Zero

## PremiDoor 76

At the last Fensterbau Frontale we extended our PremiDoor 88 range with the PremiDoor 76, a variant with a barrier-free threshold system in the standard version. Both lift/sliding doors are real eye-catchers for the premium market and ensure the best possible solar energy gain, are characterised by excellent thermal insulation, superb ease of use and very slim lines. A particular highlight is the "Lux Design" sash with a particularly narrow face width of 40 mm. This allows even larger glass surfaces and a higher solar gain.

The PremiDoor 76 is a system with a continuous 5-chamber construction, which is ideal for renovations and can accommodate glass up to 48 mm thanks to its low installation depth of 179 mm. Narrow face widths up to 65 mm at the frame, 100 mm at the sash and 103 mm at the centre fastener

result in a high incidence of light. With a  $U_f$  value of  $1.4 \text{ W}/(\text{m}^2\text{K})$ , the PremiDoor 76 brings excellent thermal insulation values for lift/sliding doors, even in the standard version.

## PremiDoor 88

The PremiDoor 88 – our classic high-quality premium lift/sliding door – has an installation depth of 88 mm as well as a five-chamber sash and a frame profile that sits flush with the adjacent areas. It is characterised by an excellent thermal insulation value of  $U_f = 1.2 - 1.3 \text{ W}/(\text{m}^2\text{K})$ . With special glazing it is even possible to achieve a  $U_o$  value compatible with that of a passive house of  $0.8 \text{ W}/(\text{m}^2\text{K})$ . A truly classy product that creates a fascinating visual link between the interior and the garden.

**We offer our customers a unique selling point with our AluClip Zero aluminium cladding, a product that is unique in the market. Because of its great success, we have expanded the programme for residential doors.**

**T**he existing 76 mm residential door version with attachment panel in thicknesses from 58 to 88 mm is designed to give a completely flush-mounted appearance and allows a technological highlight to be created with a "floating" attachment of the panel. This prevents warping due to thermal loads. In addition, the 76 mm door variant, AluClip Zero, now also allows the use of insert panels from 48 to 78 mm thick. We have expanded our AluClip Zero residential door programme because of high demand.

Both variants, with attachment and insert panels, can now also be achieved with the System 88 residential door. The panel thicknesses range from 48 to 78 mm for the insert panel and 70 to 100 mm for the attachment panel. As always, we attach great importance to compatibility. Many essential components from Systems 76 and 88 can be used. This means that AluClip Zero significantly expands the range of applications of these systems, especially in architecturally demanding construction projects. Not only do they score where the appearance of an aluminium profile is desired, but also with the functional advantages of PVC-U.



# SURFACES AN IMPRESSIVE RANGE

Renolit Exofol PX laminates – in a class of their own



protected by colour



AluClip Easy, all very easy

At profine, colour takes priority. Whether it is our wide range of decorative laminates, our innovative proCoverTec finishing technology or our wide range of aluminium cladding solutions, anyone looking to add a touch of colour to their windows and doors can make the most of our profile brands.

#### Decor laminates

All in all, profine GmbH has a total of 75 decor laminates as standard and 555 profile geometries can be supplied with decorative laminates. The customer has the choice of fashionable plain colours, natural wood grains in top class wood tones and elegant metallic colours. In line with the current trend, shades of grey are available in many gradations. Smooth and brushed surfaces complement the classic embossed laminate textures. In cooperation with RENOLIT SE, last year the profine Group with its profile brands was the first German system provider to switch over to the innovative RENOLIT EXOFOL PX films. The new generation of laminates is characterised by even better weather resistance and extremely long-lasting protection.

#### Aluminium claddings

The advantages of aluminium combine with the benefits of PVC-U and elegant design in an almost unlimited variety of colours. This broad spectrum of colours is made possible by finishing techniques such as powder coating according to RAL colours or anodising.

AluClip – with clipped-on aluminium cladding

AluClip Pro – with clipped-on aluminium cladding and an aluminium functional profile

AddOn – with an innovative aluminium composite sash

#### AluClip Easy

With AluClip Easy we have taken on the challenging logistics of coated aluminium cladding for our fabricators. Since spring 2017, we have been offering the first paint-coated AluClip cladding panels ex works in Germany. A service that makes it much easier for our customers to produce aluminium-clad win-





# THE WORLD OF COLOURS BY PROFINE



dows. In a first stage AluClip covers are available in 20 colours – for System 76, for the PremiDoor 76 lift/sliding door as well as for System 88. In addition, more than 400 colours can be found in profine's powder coating programme.

## proCoverTec

Thanks to our patent-pending surface finishing, proCoverTec, profiles are perfectly protected against the environment. This new technology also impresses with its silky-matt appearance and the pleasant, slightly textured feel. The customer can select this innovative finishing in 26 attractive colours that preserve the functional beauty of the windows. Play around with the options – coloured on the outside and neutral white on the inside or colour all over – in a modern full cover-coating.

At the pro-K awards 2015, proCoverTec emerged as the winner in the surface systems category, impressing the expert jury with its "flexible colour design together with an innovative surface finishing". We have built a state-of-the-art processing plant for the profiles at our Berlin location.

## NEW TRENDS, NEW COLOURS

At Fensterbau Frontale 2018 we are presenting four new proCoverTec metallic colours in our programme – Bronze, Silver, Iron and Titanium.



Bronze



Silver



Titanium



Iron

# ALUPURE NEW FOR INDIA: 100 PERCENT ALUMINIUM



International markets require a consistent focus on local requirements. At this year's Fensterbau Frontale, for the first time we are presenting an all-aluminium complete system that will initially be available in the Indian market, under the name AluPure. As a customer-oriented system provider, the profine Group is thus extending its business area in a market-oriented and forward-looking manner.

The new system is suitable for windows and glazed doors, for residential doors, sliding windows and sliding doors. With its classic lines, the aluminium elements fit perfectly into modern architectural styles. They im-

press with their usability, even under extreme conditions. The system is extremely weather resistant and very durable.

The double seal system with a 39 mm construction depth and convex shaped design sash allows installation with both outward and inward opening elements. As an option, the system can also be constructed as a centre seal system. It can be fitted with simple glazing and with insulating glazing. In addition to single-sash designs, multi-sash constructions and different combinations with skylight or side panels are possible.

## Large variety of applications

The residential door system is also a double seal system with a 39 mm installation depth for both outward and inward opening elements. It is characterised by an extra wide base profile, can be glazed in different ways, can be fitted with all standard panels and is available in a barrier-free version.

The sliding windows and doors of our new aluminium system are manufactured in two, three or four-part versions. Thanks to their smooth running, they are very free-moving and easy to handle. Exceptionally quiet running of the sliding elements is guaranteed, even where there are large glass surfaces.

Our customers also enjoy a great deal of creative freedom when choosing window colours – with powder-coated surfaces in all RAL colours or an anodised finish.



AluPure window opening inwards



AluPure Residential door



AluPure Sliding element



## EXPANSION IN VADODARA



# PREMIPLAN PLUS BARRIER? NEVER!



**PremiPlan Plus is a new highlight from profine. An award-winning innovation and our contribution to barrier-free living.**

PremiPlan Plus is a premium threshold system for maximum accessibility, pleasant to walk on and installed at zero millimetres above ground level. A parallel floor seal that can be lowered is a central component of a multi-stage and integrated sealing concept that achieves maximum values by using specially developed moulded parts. The modular design of the system means efficient production and assembly.

With PremiPlan Plus, we are not simply presenting a threshold, but rather a complete system developed in cooperation with manufacturers involved with other building trades. This enabled us to leverage the expertise of their particular specialist areas.

The system consists of a zero threshold, a Purenit extension, stainless steel corner brackets and a joint plate with a plastic coating, an Alwitra sealing film for onsite sealing and an ACO rain gutter.

Even before its official market launch, experts were impressed by this innovative system. PremiPlan Plus is the winner of the pro-K award 2018 in the category of domestic installations and technology.

## PROFESSIONALLY INSTALLED IN THREE STEPS



**1.**  
The window fitter positions the door element including the Purenit extension in plastic-coated stainless steelcorner brackets and joint plate.

**2.**  
The sealing strips are joined to the plastic-coated stainless steel corner brackets and the joint plate – from partners such as Alwitra.

**3.**  
The installation of the “rain gutter” drainage system is carried out by specialist companies.

In October 2017, we opened our new production facility in Vadodara, India. The plant is located close to our extrusion plant, which has been in production since 2013. Overall, the plant is designed to have a capacity of 15 extrusion lines for processing 15,000 tonnes of profiles per year. In addition to the production facilities, the 20,000-square-metre site

includes a large logistics area, together with a technical training centre for partner companies. At the grand opening of the new plant, we presented the new AluPure aluminium system for the first time – with great success and much applause. Dr Peter Mrosik explained profine’s strategy: “The Indian market for windows and doors is growing

enormously. In addition to up-and-coming material PVC, aluminium elements play a dominant role. With around 50 percent market share. As part of our full support strategy, we want to provide our customers with the means they need to succeed in the marketplace, giving them a new impetus in this segment with 100 percent aluminium.”



**HeldA**

You need support for installation? The HeldA professionals are looking forward to your enquiry:

Phone: +49 (0)800 330 8801  
E-Mail: [Montageanfrage@helda.de](mailto:Montageanfrage@helda.de)  
[www.helda.de](http://www.helda.de)

# HELDA YOUR INSTALLATION PARTNER

One of our highlights at the Fensterbau Frontale 2018 is the installation service offered by HeldA. In addition to a wide range of services in the field of marketing, sales promotion, training and project consulting, profine is the only system provider to offer an installation service.

Working with our sister company HeldA, which was founded around three years ago, we are able to offer our customers another valuable service. Because installation is known to be a bottleneck for many fabricators. In other words, it would be possible to land more orders if only there was sufficient capacity in installation. We have started with a strategy here.

HeldA GmbH is Germany's first national service provider for installing windows, doors, facades and building elements. Since the company was founded, many construction projects have already been carried through together with window manufacturers always with the requirement to offer a reliable promise of service for their customers in a competitive market.

HeldA does not compete with similar regional subcontractors for prompt and local tasks, but rather sees itself as a provider working at the national level and only with its own technicians, modern vehicles and top quality tooling.

The customer can also have his projects costed directly by HeldA GmbH. The company stands by the fabricators all the way through a project. Their offer generally includes carrying out the complete range of services:

- 1 Preliminary discussion with the customer
- 2 Operational planning together with the fitters
- 3 Installation and quality control
- 4 Acceptance of construction projects



System 76 SwissLine with weather bar



System 76 UK

## SYSTEM 76 SUCCESSFUL

### Compatible, variable, versatile

A lot has happened since the first presentation of our System 76. In the standard market, profine has systematically extended it as the main system for its three brands and responded to the strong demand – including versions for the specific requirements of various national markets. Following the system variants for France, Italy, Russia and the Netherlands, we are pleased to announce the two latest developments in the 76 mm range for Switzerland and the United Kingdom.



# LOCKSTAR SECURITY UNDER CONTROL



LOCKSTAR® Smarthome

A break-in takes place every three minutes in Germany. Security technology on windows and doors can prevent 90 percent of these burglaries. The LOCKSTAR® security handle starts right here, protecting windows, patio doors, glass doors and sliding elements, simply and reliably.

Several integrated sensors monitor the tilt angle as well as any unusual vibrations on the glass, fitting or profile. Where the values indicate an intrusion, an alarm will sound for 180 seconds – even with tilted windows. An integrated mechanical lock takes over the already familiar function of a lockable handle, but without the irritating key. The integrated light emitting diodes which indicate the presence of a security system also have a deterrent effect on burglars. The LOCKSTAR® can be easily attached to all common tilt and turn windows with its adjustable square pin. It does not matter what kind of opening the element has, as the handle can be used with both DIN left and DIN right windows.

The wide range of handles with different design variants in white, brown and stainless steel effect will be complemented by

the LOCKSTAR® Smarthome at the Fensterbau Frontale 2018. The prototype is celebrating its world premiere at this year's fair. The customer has many additional functions at his disposal, all integrated into his in-house Smarthome. Being able to keep an eye on the security technology of the windows and patio doors from anywhere and around the clock by, for example, your own smartphone, is just one of the highlights.

Compatibility with personal assistants such as Amazon's Echo "Alexa" makes it easier to control and monitor your own four walls and provides more security for your home.

LOCKSTAR® is distributed by:  
proSecurTec GmbH  
Zweibrücker Straße 200  
66954 Pirmasens

profine sales representatives are happy to be available as your contact persons and also to place the order.



Security Handle  
LOCKSTAR® PURE  
Stainless steel look

#### LOCKSTAR® Variants:

Standard

Bluetooth

Smarthome

## ALU INTERNATIONALLY

### Switzerland

With the System 76 SwissLine we have created a powerful and flexible complete system to meet the requirements of the Swiss window market. The linear offset design and the narrow profile views allow for the optimal incidence of light and high solar energy gains. The narrow frame construction with a depth of 76 mm meets the desire for greater performance, more light and improved aesthetics. 76 SwissLine is ideal for both renovation and new construction work. The system

meets the high standards laid down by the Swiss Minergie regulations. It is available in several versions and of course is also suitable for doors on balconies and terraces as well as parallel tip and slide doors. Every individual design requirement can be met by the laminated profiles with elegant wood grains and solid colours or the AluClip aluminium cladding in over 450 RAL colours.

### United Kingdom

The elegant System 76 UK Flush Sash fits perfectly into homes with a traditional British design. Its subtle lines make it ideal for contemporary properties. The system combines the style and aesthetics of a traditional wooden window with the benefits of modern PVC windows.

Frames and sashes are flush with the outside and inside. The sash can be made in a top or side-hung version, opening outwards or rotating 360 degrees horizontally. The

system achieves a heat-insulation  $U_f$  value of 1.2  $W/(m^2K)$  in the standard version. The range of glazing of up to 48 mm allows the use of triple glazing or special functional glass. The mullion or transom profiles can be welded or joined with mechanical fasteners.

The extensive programme of laminate colours with more than 80 decor laminates allows you to choose between wood grain, plain or metallic on the outside – with the inside in neutral white – or laminated on both sides.



# SHUTTER SYSTEMS PART OF THE QUALITY OF LIFE



High-quality  
PVC-U roller shutters

**The VariNova shutter box – a very special all-rounder. Thanks to its technical and constructional advantages and its high level of equipment, this shutter box brings its strengths to both the renovation of existing buildings and new construction.**

Depending on the installation, the add-on roller shutter box can be opened inwards or with the shutter box lid toward the bottom. That means the element can be plastered over on the exterior or the interior if necessary.

Different aluminium and PVC panels allow for customised colours and matching wood grained windows. All box sizes permit the use of 8 mm mini-slats and 14 mm maxi-slats. The retrofittable fly screen solution continues the consistent system approach.

The VariNova add-on roller shutter box

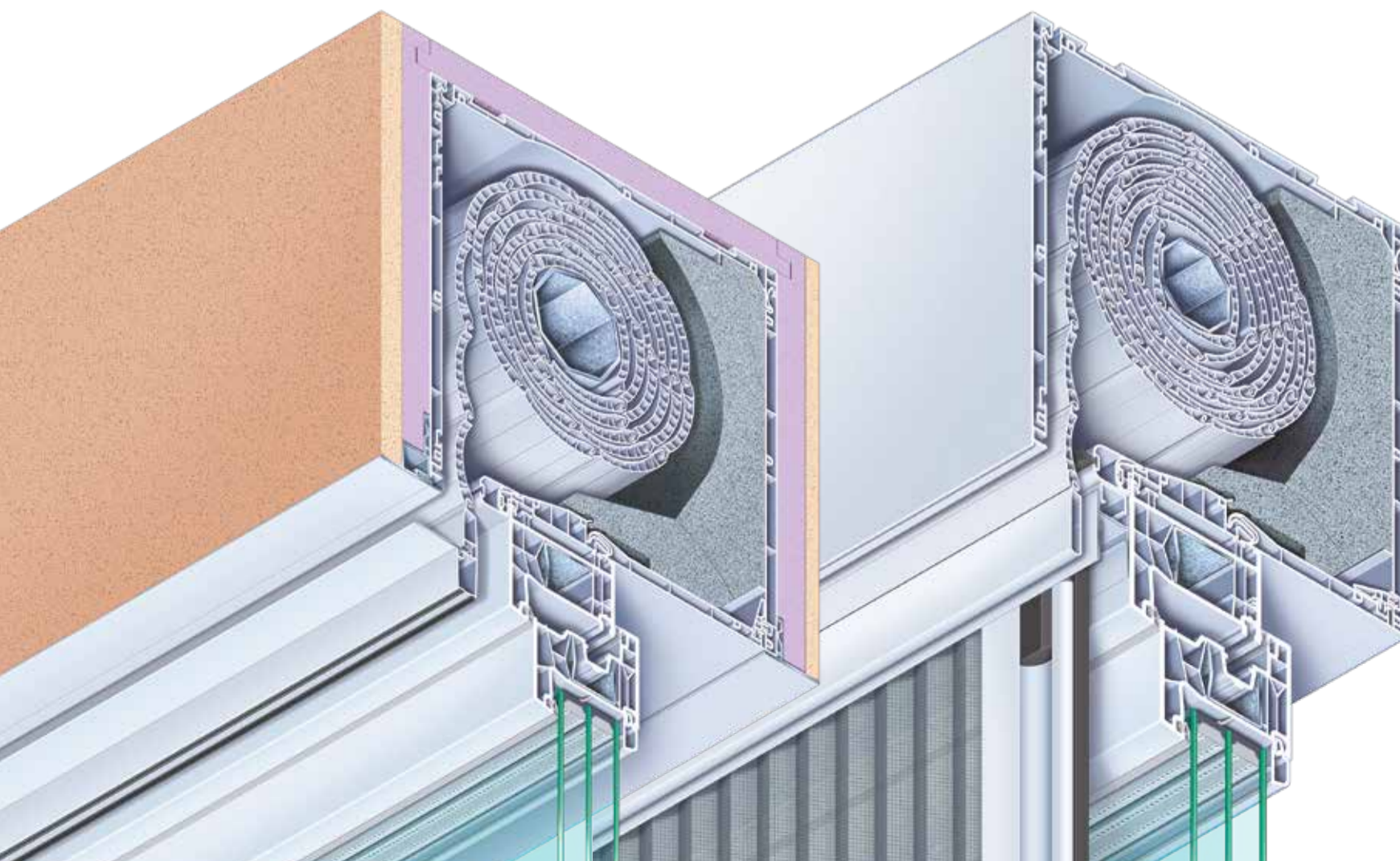
offers a wide range of ingenious solutions ranging from the box overhang to special ceiling mountings. The VariNova add-on elements exceed the minimum statutory requirements for thermal insulation and are characterised by outstanding air seal strength values. Depending on the configuration, the add-on roller shutter boxes achieve sound insulation values of up to 44 dB.

The VariNova solution with extension blinds offers not only privacy, but also the convenience of being able to adjust the level of shade, together with an optional insect screen. The extension blind box can be used for all standard 80 mm slats on the market.

## Pleated blind

In order to offer comprehensive protection against insects, we have extended the VariNova product family with a pleated blind offering insect protection for doors. It uses the same space as the insect protection blind and so integrates perfectly into the overall system. Thanks to its design, the pleated blind does not have a swivelling zone and therefore saves a lot of space. The insect screen can be left in place on the door all year round without obstructing passage. It is very weather resistant, easy to operate and has almost no threshold. The various kits can be individually shortened. This means it can cover door heights from 185 cm to 235 cm and widths of up to 160 cm. In addition to these standard dimensions, we also manufacture special sizes on request.

VariNova  
add-on box



VariNova pleated blind –  
comprehensive protection  
against insects



NAXOS – easy-care PVC-U shutters, practically indestructible



**VariNova FRANCE**

VariNova FRANCE is a roller shutter add-on element specially developed for the French market and the particular installation requirements in France.

VariNova FRANCE can be used for new builds with an internal insulation from 100 mm to 180 mm, but also for renovation projects, especially where the old frames are to remain. The attachment element is available in two box sizes (185/220 mm and 215/250 mm). The inspection opening of the box is positioned on the room side. It is constructed as a design panel with a support surface for the ventilation elements.

The roller shutter box is extremely airtight. All of the seals are moulded onto the components, contributing to outstanding system values. It has excellent sound and thermal insulation as well as variable static solutions. Efficient production is achieved by

clipping the side pieces to the blinds. There are various adapters for system-neutral installation on window systems made of PVC-U, wood and aluminium.

Clever sliding technology has been built in for simple adjustment of the roller shutter. This allows the type of drive to be changed if necessary.

Summary: The new roller shutter box is a well-designed product that offers many economic benefits. All in all, VariNova FRANCE offers the customer innovative, very rapid production as well as a high degree of flexibility together with the lowest possible stock levels.

**Roller shutters – for a better quality of life**

Whether for renovation, extensions or new builds, our high-quality PVC-U roller blinds are true all-rounders and are made to the

highest quality standards. Not only do they increase efficient weather, sound and burglar protection, they also offer maximum reliability, flexibility and longevity.

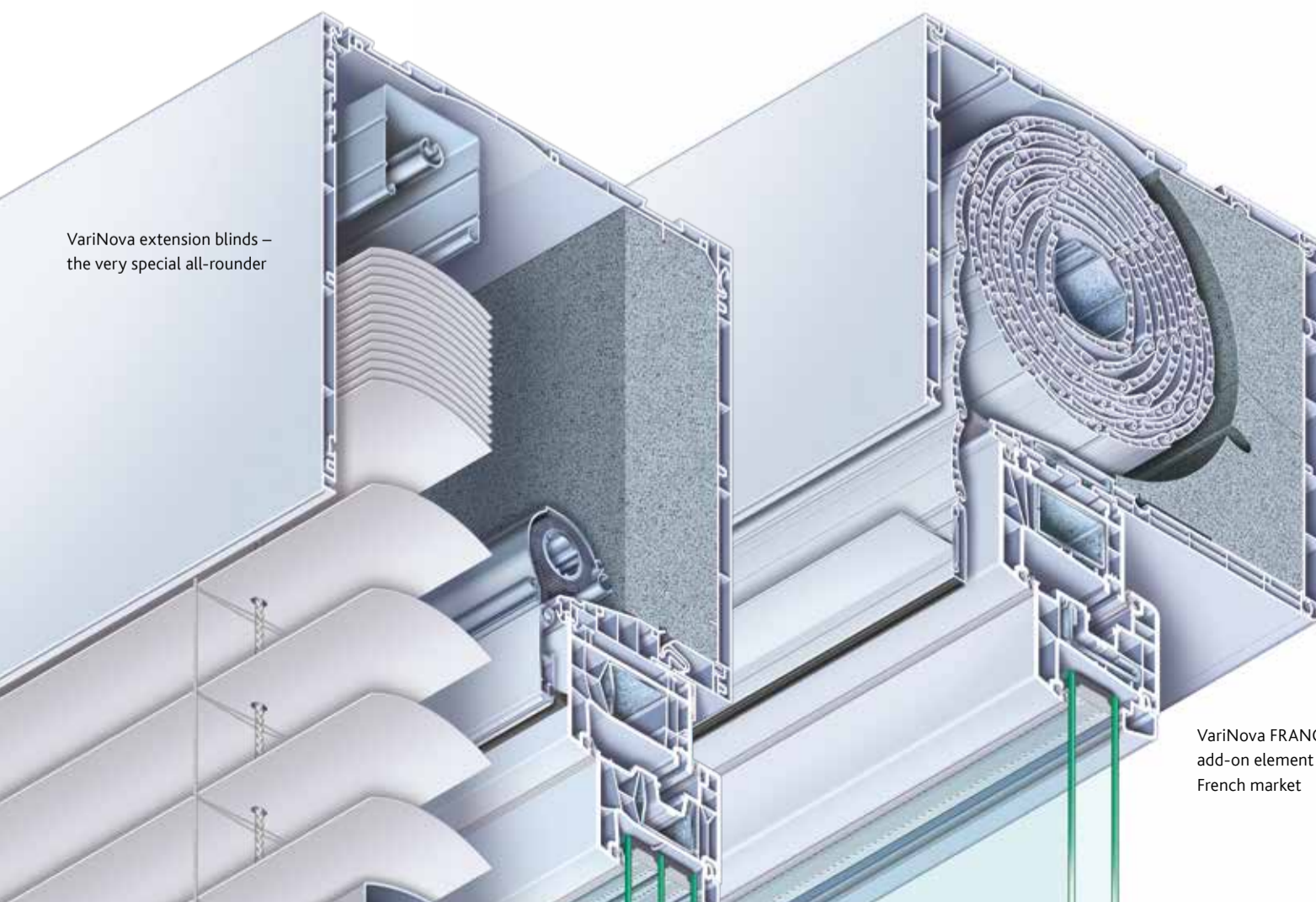
They owe their light weight to the optimised use of materials, whilst maintaining a stable construction. They can therefore be easily operated without much effort. And of course, automated solutions are also possible. Our roller shutter systems are tough and, if required, are easy to clean with water.

**NAXOS – mediterranean charm and high flexibility**

With modern materials, the classic Mediterranean French shutter becomes a high-performance product. These French shutters benefit from the outstanding material properties of the PVC-U, are especially low-maintenance and last almost indefinitely. They protect against prying eyes, wind and

weather, heat and cold – and of course also against forced entry and burglary. Moreover, the NAXOS series offers maximum flexibility, as panelling and slats of all kinds can also be incorporated.

VariNova extension blinds – the very special all-rounder



VariNova FRANCE – roller shutter add-on element especially for the French market

# PILOT PROJECT MADE IN AUSTRIA

Austria is a pioneering market in the field of window technology, with innovative solutions appearing again and again. From this market, profine is now presenting the thermally separated residential door made of aluminium with an installation depth of 85 mm. The door sash is flush with the outside and inside and meets the highest standards laid down by building owners and planners. The inner glass retaining strip guarantees a firm fit for the insert or attachment panels. The system is suitable for standard door hinges, locking systems and operating elements such as push handles.

The excellent stability of the aluminium door ensures perfect opening and closing, even under heavy loads. Polyamide spacers connect the two hollow chamber profile halves whilst at the same time ensuring the best possible thermal insulation.

The pilot project again demonstrates how, as a system house, profine is orientated towards innovation.

The benefits at a glance:

Continuous construction depth of 85 mm

With an attachment panel (opening inwards) or with an insert panel (also opening outwards)

Locking mechanism at several points

Fittings from well-known hardware manufacturers (Euro-Nut)

EPDM sealings

Profiles of AlMgSi 0.5

Surface finishing by anodising and powder coating

Thermal insulation:  $U_f = 1.6 \text{ W}/(\text{m}^2\text{K})$

Burglar resistance: RC2



The new profine ProDoor

## PROFINE PRODOOR FOR BEST RECEPTION

**The profine ProDoor takes its place as a very special highlight at Fensterbau Frontale 2018. Once again, we are extending our broad portfolio with an innovative product. Our profine ProDoor, based on System 88, combines excellent thermal insulation and high durability with a particularly high-quality appearance.**

The residential door element is characterised by its sandwich panels, with sash-overlapping aluminium cover panels on both sides, whose patented multi-layer structure offers maximum energy savings and virtually unlimited resistance to the environment. Seven closed air chambers in the frame profile and the thermal decoupling of the door threshold achieve high thermal efficiency. The profile depth of 88 mm and the steel reinforcement on all sides provide secure fixtures for fittings and, in conjunction with the bonded panels, maximum stability. Three sealing levels ensure optimum weather resistance and sound insulation.

The residential door system can be easily fitted with additional components such as a motor lock, fingerprint recognition, LEDs, stainless steel ornaments, scratch protection, a barrier-free composite threshold for access without stumbling and additional burglar resistant elements that reach the RC2 resistance class.

The new profine ProDoor combines safety, comfort and design in just one product. In addition to a wide range of colours and innumerable door and handle designs, a large selection of sash designs are also available, meaning that almost every design idea can be achieved.

The profine ProDoor makes every entrance area a very special place and, in addition to its innumerable benefits, also impresses with its excellent price/performance ratio. Let your customers make their mark with their own individual style – because the profine ProDoor is delivered as a ready-to-install element, having been assembled according to the customer's wishes. Discover the profine ProDoor!



# KÖMMERLING PVC SHEETS THE STANDARD IN THE SHEETS MARKET



## KömaDeco – high quality and stylish

KömaDeco impresses with an extraordinary combination of design and functionality. Its fine surface relief plays elegantly with light and shadow and is extremely resistant to mechanical loads and the effect of light. With decor lamination on one or both sides, KömaDeco is the ideal material for indoor use and is often employed in the cladding of doors, ceilings and walls.

## KömaStyle – new and efficient

Our newly developed KömaStyle is the ideal wall cladding system for the renovation and modernisation of wet rooms. KömaStyle makes it possible to make old wall surfaces and old tiling invisible – for example in the bathroom. Thanks to its easy workability, individual functional areas or entire rooms can be quickly and cleanly upgraded, bringing both functional and visual benefits. KömaStyle impresses as a smooth, seamless wall cladding with wood and stone decors that are deceptively real, or in plain colours. Nineteen timeless decors and six solid colours are available. Thanks to its superb surface properties, lime scale, dirt and soap residues cannot attack the non-porous panels.

The big advantage of KömaStyle lies in the easy workability of the material. The panels can be machined with conventional tools – sawing, drilling, grinding – and thus adapted to the structural conditions. The design sheets are applied directly to the load-bearing substrate – such as tile or plaster – with the help of a surface adhesive. Unsightly or defective areas disappear quickly and cleanly – without any time-consuming tiling.

The name **KÖMMERLING** is known all over the world. As one of the most successful brands in the profine Group, the sheets division offers a comprehensive range of PVC sheets for a wide variety of applications. The sheets are highly valued in the construction sector too, thanks to their quality and the advantages delivered by the product properties.

With their durability, ease of maintenance and countless applications, KÖMMERLING sheets have had a lasting impact on the industry. At Fensterbau Frontale 2018 we are presenting our classic products in a general overview.

With over 40 years of experience with PVC and its processing, KömaCel is number one in the world. The advantages of the material are appreciated in all areas of industry and the construction sector. KömaCel has a low thermal conductivity and therefore offers both good thermal and sound insulation values. Its excellent working properties mean that it can be used in a variety of indoor and outdoor situations. Typical applications for KömaCel are door and window elements, fascias, roller shutter boxes and non-transparent balustrade panels.

## KömaDur – the classic option

For years, KömaDur has been considered the generic term for rigid PVC-U sheets in the industry. With its five variants, the sheets are able to cope with the most unusual requirements and are therefore of interest for many applications.

Thanks to their material and easy working properties, in the construction sector, the various KömaDur variants are perfectly matched to applications in both indoor and outdoor use – in the construction sector they are used as sandwich elements for parapet and door panels. They impress with their even, smooth and shiny surface.

The KömaDur TE series also originated from the KömaDur range – a solid rigid sheet coated with a thermoformable foil on one side. Its classy surface is guaranteed to be weatherproof and durable, and, thanks to its excellent thermoformability, is very well suited to the construction sector. It is used for door panels (door elements) and many other special indoor and outdoor applications.

## Designing VIP rooms

As main sponsor of the football Bundesliga club 1. FSV Mainz 05 we do of course have our own box in the Mainz Arena, where we regularly welcome our partners to home games.

The box is designed in profine's corporate style – with our sheet products. These photos impressively demonstrate what our products can offer in interior architecture.







# TOGETHER WE ARE STRONG



## KÖMMERLING PERGOLA A HOLIDAY AT HOME

Sunny spot or well-thought-out outdoor space – the KÖMMERLING PERGOLA turns the garden into a living space.

The PERGOLA is made of high-quality powder-coated aluminium and is available in countless model and colour varieties, made to measure. It is not only its design that im-

presses, but also its extreme resistance to corrosion and UV radiation. With sliding glass walls, privacy blinds and sun blinds, every PERGOLA can be individually customised. A highlight is the roof with slats that can be adjusted as required by remote control or sensors – for full light or protection against rain and snow.



## MARKETING ADVANTAGES THROUGH STRONG BRANDS

**B**rands provide orientation. Strong brands create trust. They enable specialist businesses to face up to the competition and successfully differentiate themselves from low-cost competitors. profine looks after its three brands as well as its products and services. We are especially present in Germany with the KÖMMERLING brand. KÖMMERLING is

the main sponsor of FSV Mainz 05, in the German football Bundesliga, and supports specialist companies with its partner alliance KÖMMERLING + Fensterprofis. This allows us to promote a clear competitive differentiation as a quality company and thus maintain a sustainable level of sales success in both local and regional markets.

### Have we made you curious?

If you are interested in a topic in this edition of profine news, please contact us at your disposal!

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