

Technical profiles and roller shutter systems

From development through to production



Döllken
Profiles

we create.
we innovate.

SURTECO GROUP

What do our customers like about us?

For more than 60 years we have been experts in the extrusion of plastic profiles. Our services are primarily intended for industrial companies worldwide. The areas of application, shapes and functions of our profiles are almost limitless. Our services can be divided into two areas: Technical profiles and roller shutter systems.



System concept

The customer's products and processes are always the focus of any solution that we offer. We bring your project safely to completion and deliver an important part of the success of your business.

So, we provide solutions for both small amounts and mass production.

Customers trust us worldwide

Because of our wide range of services and our ability to meet individual customer requirements, our customer portfolio ranges from furniture manufacturers through climate control and refrigeration technology to complex fields of application in the automotive and electronics industries. Thanks to our many years of experience, we have developed industry-specific know-how.

Our profiles are incorporated into hundreds of thousands of pieces of furniture worldwide and have been recognised for decades for their quality and reliability. We have no limits when it comes to implementing your project – either technically or geographically.

Our industry sector



White ware and consumer products

Modern, modular refrigerators incorporate a variety of profiles, whose function and aesthetics combine with each other. Be it demanding surfaces made from real metal, hot stamping or foil lamination, we offer functional and cost-effective solutions.



Commercial refrigerated furniture

We supply profiles with additional applications for freezers with glass covers or for upright refrigerated shelving. Regardless of whether it is "sliding doors" to slide better or sealing and hybrid profiles with demanding surfaces, we can provide what you need.



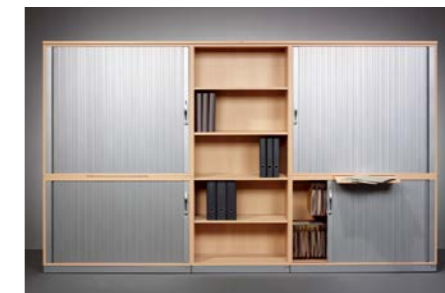
Commercial vehicles and trailers

Weight-saving construction profiles or hybrid profiles with aluminium strip inlays. We are right there by your side, from the initial idea through to the production-ready product. Should you need it, the design can incorporate a fungicidal function or be foodstuff-compliant.



Air conditioning and electrical industry

Individually assembled halogen-free or flame-retardant special profiles are indispensable in a wide range of installation applications. For air supply systems, we guarantee extremely smooth surfaces – both inside and outside!



Furniture industry

As a partner to the furniture industry, we are entirely familiar with technical profiles and ready-to-install roller shutter systems. Preferably, with demanding design surfaces and clever detail solutions. We accompany our customers as early as the design stage in order to guarantee optimal functionality and cost effectiveness.



Construction industry

Throughout our many years of customer relationships, we have developed wide-ranging know-how in application and product development. For example, we offer specially developed materials for maximum heat resistance for sun protection and shading systems. Our strengths: From design through to the finished product – all from one source!



Caravan

We have for many years worked together with leading caravan manufacturers and understand all of the requirements and specifications of the industry.



Did you know?

Since 2017, Döllken Profiltechnik GmbH now forms part of the newly created Döllken Profiles GmbH. Under a single roof, we now not only produce technical profiles and roller shutter systems, but also baseboards and LED strips.

You can find out more on page 10.

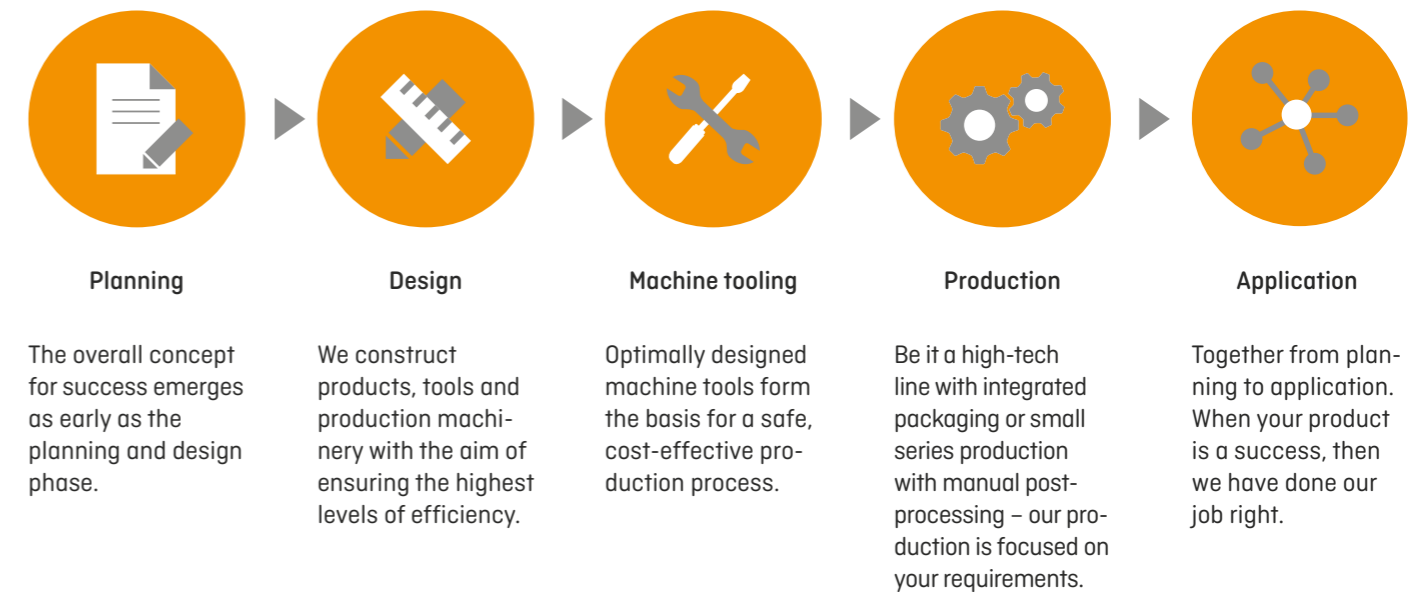
Technical profiles



Profiles are individually designed and produced tailor-made – for maximum functionality and cost effectiveness.

From planning to application

Technical profiles are crucial to the functionality and the aesthetics of a wide number of products. We are a “Full Service System Provider” and accompany you as a partner in the planning through to the design and application of your product. We process all modern high-performance materials to individual profile cross-sections. Our range of products includes hybrid profiles, laminated profiles, busbars and hollow chamber profiles with extremely narrow tolerances.



Ideally, our cooperation begins early on in the planning phase, and ends with a timely delivery – always right by your side: A professionally experienced contact person from our team.

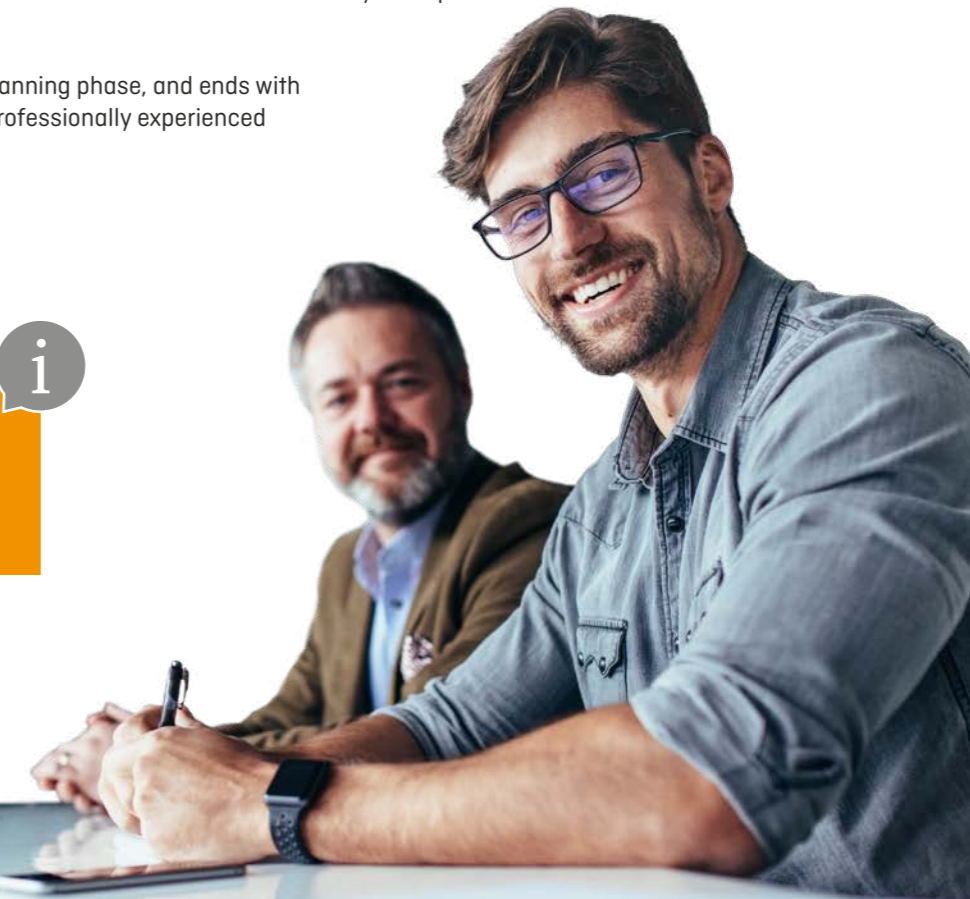
Advantages/applications

By working with us in the field of technical profiles, you can:

- **Reduce costs** – thanks to system competence from a single source
- **Plan securely** – thanks to 5 production locations with 100 extrusion lines and 500 employees
- **Meet requirements** – thanks to individual solutions for small amounts and mass production

Would you like to discuss your project?
Then contact us in person, and make an appointment:

Tel.: +49 7403/701-0



Roller shutter systems

Functional, extremely resistant and noticeably quiet – and should you want it, in the same decor as the rotating body

Exceptions are the rule

A roller shutter element may seem inconspicuous at first glance, but in the furniture and caravan industry, for example, components of this kind are utterly indispensable. Thanks to our competence and technical expertise, we create individual roller shutter systems for every application. This includes injection moulding solutions, curved rail systems and aluminium profiles for decor composites. Even complex mechanical processing of all kinds and acoustically effective profiles form part of our system concept.

Roller shutter slot Duo 15/8 FF

- Slat lengths: Up to 1200 mm
- Slat width: 15 mm / grid 30 mm
- Radius: Minimum R 25 mm
- Main application: Wooden body

Roller shutter slot Trio 15/12 FF

- Slat lengths: Up to 2100 mm
- Slat width: 15 mm / grid 30 mm
- Radius: Minimum R 25 mm
- Main application: Wooden and steel body

Roller shutter slot Duo 26.75/11 FF

- Slat lengths: Up to 1900 mm
- Slat width: 26.75 mm / grid 53.5 mm
- Radius: Minimum R 35 mm
- Main application: Wooden and steel body

Roller shutter slot Duo 20/12 FF

- Slat lengths: Up to 2100 mm
- Slat width: 20 mm / grid 40 mm
- Radius: Minimum 40 mm
- Main application: Wooden and steel cabinets

Roller shutter slot Duo 30/11 FF

- Slat lengths: Up to 2100 mm
- Slat width: 30 mm / grid 60 mm
- Radius: Minimum R 35 mm
- Main application: Wooden and steel body



Advantages/applications

By working with us in the field of roller shutter systems, you can:

- **Expand the design of your products** – thanks to the unlimited range of SURTECO decors
- **Guarantee decor uniformity** – thanks to the use of identical foils for rotating body and roller shutter systems
- **Reduce storage and assembly costs** – thanks to just-in-time delivery of complete ready-to-install, assembled systems



Would you like to discuss your project? Then contact us in person, and make an appointment:

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Surface innovation from a single source

Since 2002, Döllken has formed part of SURTECO's worldwide business – for you, this means: Expertise under one roof, enabling holistically conceived, unique solutions.



Surface
decor paper

Roller shutter systems

LED strips

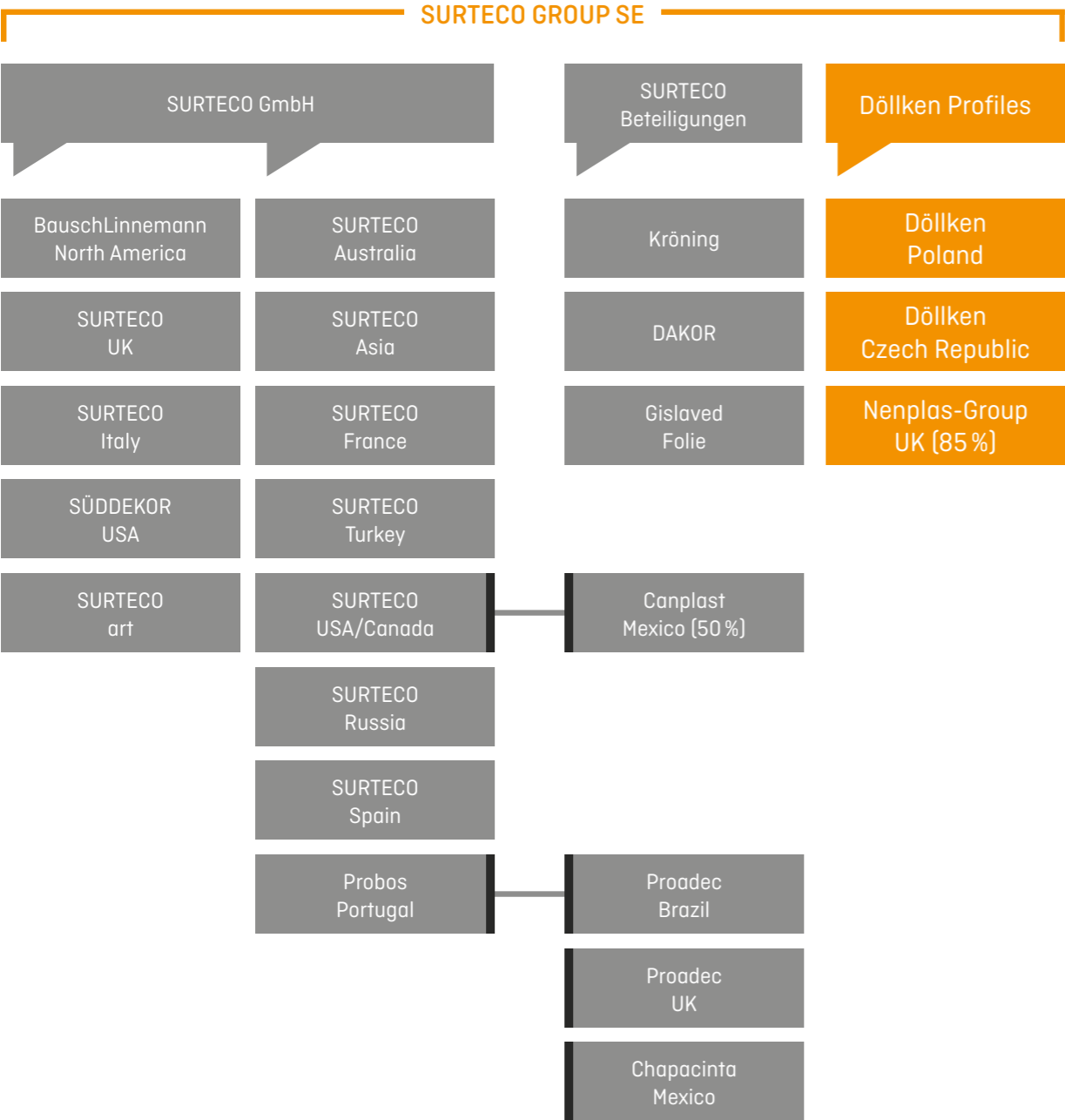
End profiles

Skirting
boards

Technical
profiles

Worktop
edging

Network and active worldwide – as part of the SURTECO Group



That`s why we are a good partner

As a company that thinks and trades globally, we provide optimal quality and service performance. We are a German, medium-sized company within the SURTECO SE international group of companies, and we are aware of our responsibility towards our internal and external partners (customers, employees, shareholders, the environment, suppliers, society and associations). We therefore hold the following DEKRA and SKZ certificates:



Quality Management System DIN EN ISO 9001:2015

The certification of our existing quality management system in accordance with ISO 9001 provides us with a transparent sound of objective assessment of our services – all over the world, because the ISO 9001 standard is regarded as a quality benchmark worldwide.



Environmental Management System DIN EN ISO 14001:2015

We see it as our duty to protect the environment, and environmental pollution generated as part of our business is avoided as far as possible, and/or minimised on an ongoing basis, and we are very aware of our impact, also on the quality-of-life of future generations. This also applies to the development and planning of new products and processes.



Energy Management System DIN EN ISO 50001:2016

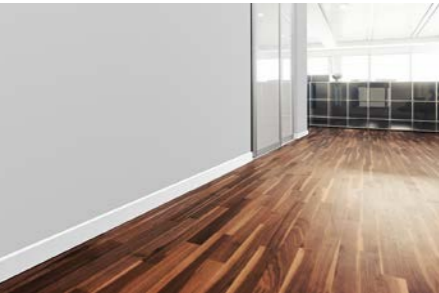
When creating our products and designing processes, we strive to continuously improve our specific energy consumption (i.e., increase our energy efficiency).



From our factories to markets worldwide

We are in demand worldwide as a contact reference in the field of interior design for trade, craft and industry. For and together with our customers, we transform opportunities and trends into successful product solutions, and thus actively contribute to the long-term, systemic development of markets.

Döllken Profiles – our business areas and products at a glance



Skirting boards

The perfect finish to any room. Discover how easy it can be to install a skirting board.



Technical profiles

From an idea to a mass production product. High-quality products, stable production processes and just-in-time delivery schedules.



Roller shutter systems

Functional, highly resistant and adjustable to any kind of furniture decoration as required.



LED strips

Flexible and highly resilient at the same time – Linear LED systems from Döllken Lighting.



Some of our services are simply unique. They provide what companies want: the certainty that they have found the right partner and have support services which go well beyond the norm.



Marketing support

Besides the production and delivery of a product, its marketing is also a cornerstone for its success. Upon request, customers can receive wide ranging, successful support.



Short development times

Development times ranging between 2 to 3 months for bespoke product developments are the rule rather than the exception. Our desire for performance pays off – particularly when time is of the essence.



Material know-how

62 years of experience in extrusion. We process hundreds of materials in all sizes, on request with finishes including antibacterial coatings or bespoke surfaces. Coincidences simply don't happen.



Investment security

A solid financial background ensures stability and reliability. Döllken is therefore in a position to promote and finance developments for customers.



Short-notice availability on site

Döllken is well positioned both nationally and internationally, ensuring seamless customer and delivery service.

Our competencies for you at a glance

100 extrusion lines at 5 production locations with hourly outputs between 50 and 300 kg ensure maximum project reliability.



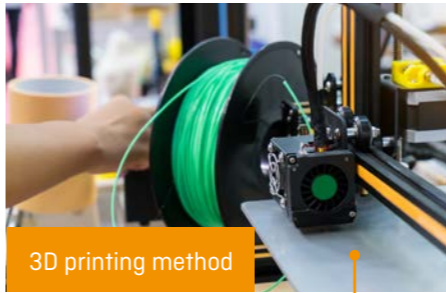
LED (multiple co-extrusion)



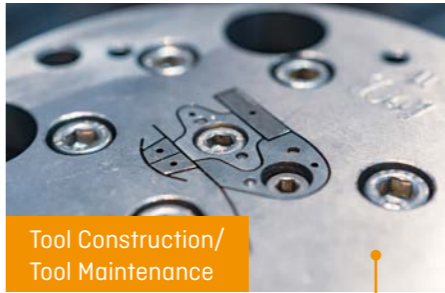
Multi-strand



Co-Extrusion/Tri-Extrusion



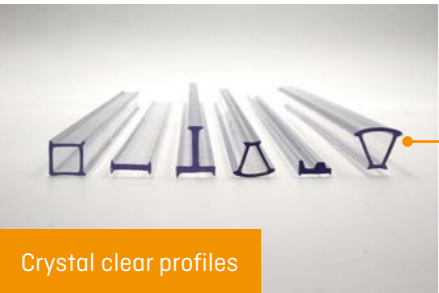
3D printing method



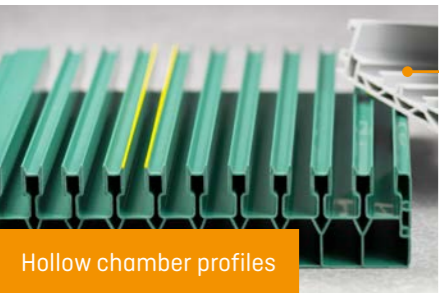
Tool Construction/
Tool Maintenance



Material development



Crystal clear profiles



Hollow chamber profiles



Inline foiling



Inline punching, drilling, milling



Aluminium/copper/steel
strip inlays

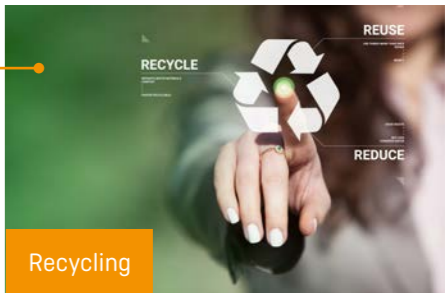


Fixed lengths +/- 0.5 in line

Extrusion competence matrix	Material competence		Uses
Co-Extrusion/Tri-Extrusion	Polyvinyl chloride	(hard/soft PVC)	Design
Multi-strand (up to 4-fold with flow control)	Polyvinyl fluoride		3D printing method
LED (multiple co-extrusion)	Acrylonitrile butadiene	styrene (ABS)	Tool Construction/Tool Maintenance
Foam extrusion (H-PVC)	Polystyrene (PS)		Industrial engineering/Unit construction/Plant engineering
Crystal clear profiles	Polypropylene (PP)		Material development
Special sliding layers	Polycarbonate (PC)		Mixing/Colour mixing/Compounding
Hollow chamber profiles with very narrow tolerance ranges	Polyamide (PA)		Recycling
Inline foiling (real aluminium/hot stamping/paper foils)	Acrylonitrile styrene acrylate copolymers	(ASA)	Ready-made division
Inline punching, drilling, milling	Polymethyl methacrylate	(PMMA)	Specialist surface technologies
Inline printing/embossing	Polymer blends	(PC/ABS)	Project Management
Aluminium/copper/steel strip inlays	Thermoplastic	elastomers (TPE)	DIN EN ISO 9001:2015 Quality Management System
Volumetric / graphimetric dosage	Polyethylene (PE)		DIN EN ISO 14001:2015 Environmental Management System
Colouring with liquid colours or master batch	Thermoplastic	polyurethane (TPU)	DIN EN ISO 50001:2016 Energy Management System
Fixed lengths +/- 0.5 in line	Polyethylene terephthalate	(PET)	Green Guard Gold Certification
Coiling techniques	Wood-plastic	composites (WPC)	Training
Automated packaging	Polyphenylene ether	(PPE)	
Offline production			



Mixing/Colour mixing/
Compounding



Recycling



Ready-made division



Training



Energy Management
System



Project Management

