



DÖLLKEN EDGEBANDS

*Forward-looking innovations
of the highest quality*



DÖLLKEN

A SURTECO COMPANY

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THE COMPETENCE



DÖLLKEN EDGEBANDS - IN DEMAND ALL AROUND THE WORLD.

Döllken has more than 50 years of experience in the extrusion of plastics and enjoys an excellent reputation world-wide as a specialist in thermoplastic edgebands. The company has made a particular impression with its comprehensive edgeband programme for furniture manufacturers and is the leading supplier on the world market today. The reasons for this success are clear: Döllken has production sites on four continents, is therefore very familiar with the needs of national furniture markets around the world, and is always up-to-date with its offers. The physical proximity to customers ensures market-orientated product development and short delivery times. Our comprehensive extrusion expertise guarantees high standards for quality. Döllken belongs to SURTECO SE, the world's leading supplier for surface technologies in the field of decorative finish foils and edgebands based on technical speciality papers and plastics. The stated goal of SURTECO is the continued expansion of its global presence in this field through internal and external growth.



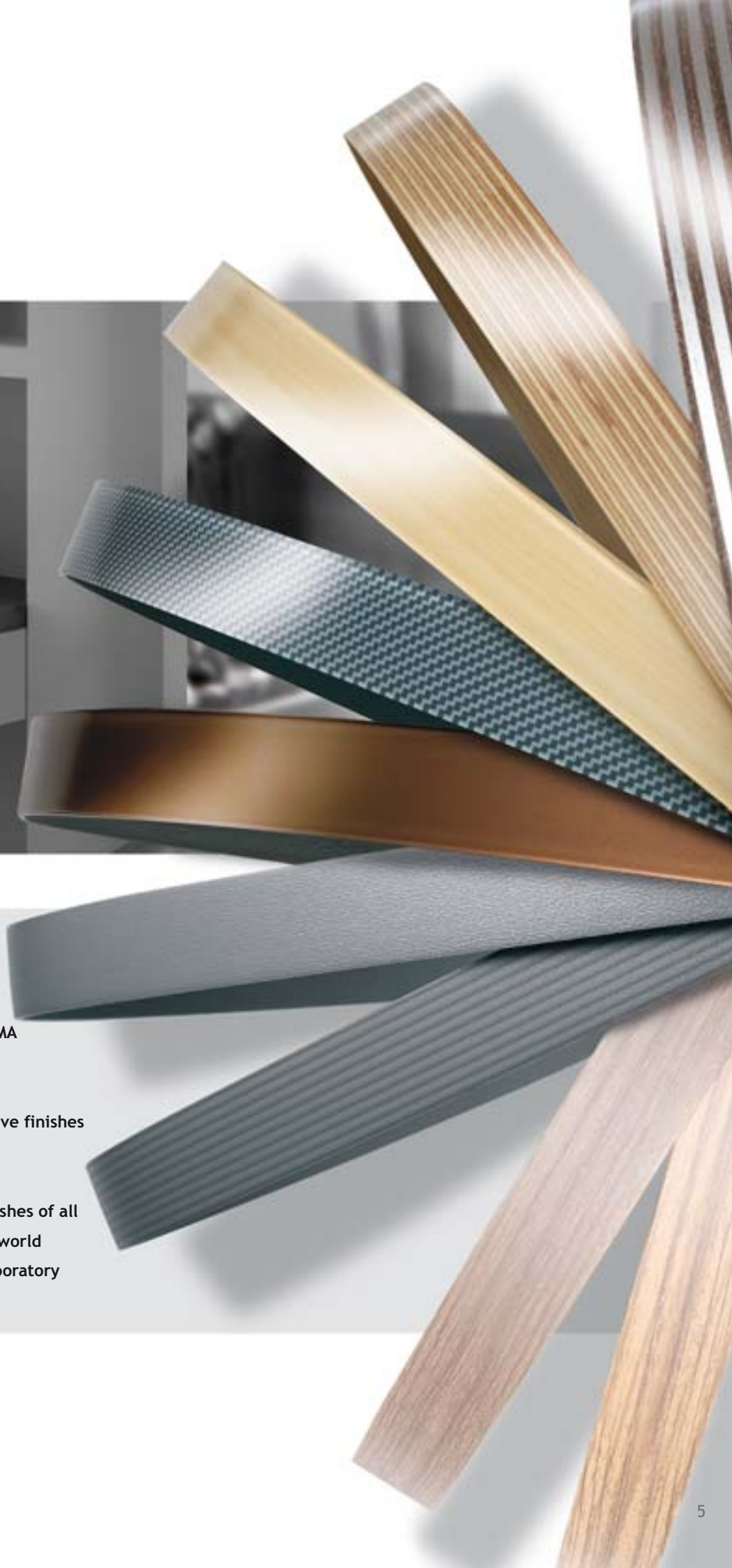
**ENJOY THE BENEFITS OF
A WORLD-WIDE PRESENCE.**

- Short delivery times due to our own production sites on four continents
- Precise knowledge of various national markets and their needs
- In tune with current design trends
- Optimum customer orientation and fast order processing

THE OFFER



DÖLLKEN EDGEBANDS GIVE FURNITURE A PROFILE. Today, edgebands are an important part of modern furniture design. Döllken edgebands set a standard for quality prized by manufacturers of top class furniture for offices, kitchens, bathrooms, living rooms, bedrooms, and children's rooms. The design of the edgebands follows trends in international furniture markets, but also adds its own accents. The colours and decorative finishes are carefully matched to the collections of leading board manufacturers around the world. Döllken also offers an enormous selection of edgebands with entirely unique designs and is always able to fulfil specific design requests. However, Döllken edgebands excel not only in their appearance, but also in their exemplary processing properties, which result from the close cooperation with manufacturers of machines and adhesives.



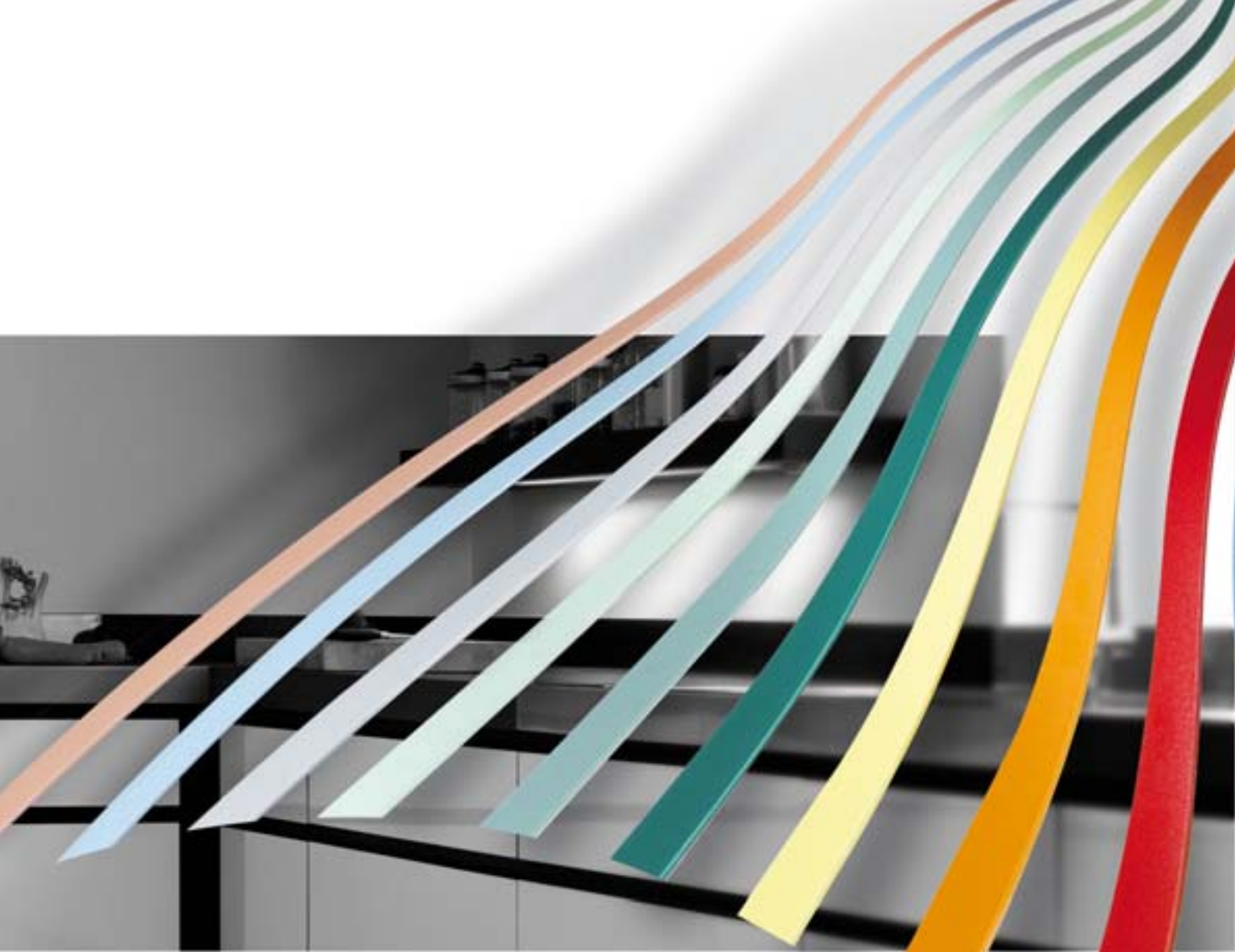
**EVERYTHING YOU NEED
FROM ONE SOURCE.**

- Edgebands in ABS, PP, PVC, and PMMA
- From 0.4 to 12 mm thickness
- In all required widths
- In over 25,000 colours and decorative finishes
- With varying embossings
- Known for trend-orientated design
- Edgebands matching decorative finishes of all significant board collections in the world
- Individual colour matches in the laboratory
- Extensive stock programme

UNI- AND BICOLOUR EDGE BANDS



FASCINATING VARIETY OF COLOUR. Döllken's uni- and bicolour edgebands bring colour to the domestic world. They also help furniture designs to make offices and shops friendlier. The imagination has no limits and everyone can find the particular shade of colour that matches their vision. If necessary, the desired nuance can be quickly worked out in the Döllken colour laboratory. Particularly attractive design effects can be attained with bicolour edgebands, when different colours are combined in layers of varying thicknesses. In this way, for example, a second dark-brown colour can create a lovely laminate appearance. Different levels of gloss from super matt to super high gloss together with multiple embossing possibilities further expand the design range.



THE BENEFITS OF DÖLLKEN UNICOLOUR AND BICOLOUR EDGEBANDS.

- Homogenous solid-coloured material permits a flawless appearance for milled radii
- Resistant to splintering, denting, and scratching
- Resistant to cleaners, steam, heat, and UV rays
- Slight pre-stressing for barely visible glue joints
- Primer ensures absolutely secure adhesion

DECORATIVE EDGE BANDS



FREEDOM OF DESIGN WITHOUT LIMITS. Döllken decorative edgebands open almost unlimited possibilities for furniture designers. Whether wood, multiplex, stone, metal, or fantasy decorative finishes, classic or progressive, restrained or provocative, the stylistic variety inspires ever newer ideas. The highly precise printing technology of Döllken allows countless decorative images to be transferred perfectly to the edgeband. Modern edgeband technology creates a particularly natural texture for all wood decorative finishes. That means: the design of the decorative finish is preserved even for milled radii. Thanks to consistent matching of decorative finishes with leading board manufacturers around the world, suitable edgebands for almost any board are available, with perfectly matching decorative finish, embossing, and gloss level. However, individual edgeband requests can also be realised in no time at all. Döllken also frequently spurs the industry forward with completely new design ideas.



THE BENEFITS OF DÖLLKEN DECORATIVE EDGEBANDS.

- Unique variety of decorative finishes thanks to perfect printing technology
- Optimal decorative finish protection thanks to UV-curing acrylic lacquer
- Textured wood decorative finishes
- Shining metallic decorative finishes
- Matches for all leading board manufacturers panels
- Rapid matching of individual decorative finishes

3D EDGE BANDS



THE MODERN GENERATION OF EDGE BANDS: 3D EDGE BANDS.

With the 3D edgeband, Döllken is bringing a new dimension of both functionality and aesthetics to edgeband manufacturing. Döllken developed a completely new technology: 3D edgebands are manufactured in transparent acrylic and their decorative finish is applied on the reverse side. Viewed through the glass-clear material, the decorative finish gains a unique depth and a distinct 3D effect. The edgeband surface can be polished to any desired level of gloss. This creates an entirely new, especially high-class appearance and an equally new level of quality. The hard acrylic layer protects the colours or decorative finishes applied to the reverse from any kind of damage, and every decorative image remains perfectly preserved even for milled radii. 3D edgebands can be applied manually and automatically when straight processing on all edgeband gluing machines with hot-melt adhesive technology. An independent 3D material formulation was developed for even more efficient processing with the workcentre: 3D BAZ.



THE BENEFITS OF THE DÖLLKEN 3D EDGEBANDS.

- New, especially high-class appearance
- Printed images are completely safe from damage and remain perfectly preserved even for milled radii
- Can be polished to any level of gloss
- Available from stock in many up-to-date colours and decorative finishes
- Made-to-order production for any desired decorative finish

3D PREMIUM EDGE BANDS



LACQUER FINISHING TO PERFECTION. With its 3D premium natural edgebands, Döllken presents an innovation which appears so natural as to be almost indistinguishable from genuine wood. Matt lacquer and naturalistic embossing gives the structure a natural-seeming velvety and wooden character. Combined with matching boards, it results in a perfect genuine wood decorative finish. 3D premium gloss edgebands continue to be available alongside 3D premium natural edgebands. Their advantage is the unsurpassed high-gloss finish - removing the need to polish. The edgebands demonstrate very good surface durability and are robust in the face of mechanical and chemical attacks. Different edgeband solutions are on offer for widely varying needs and requests - always matched exactly to the gloss level and the decorative appearance of the board.



THE BENEFITS OF 3D PREMIUM EDGE BANDS.

- 3D premium natural edgebands with a very natural appearance
- High-class effect
- 3D premium gloss edgebands with high-gloss finish without polishing
- Robust and very good surface durability
- Wide variety of edgeband solutions for current boards from stock

GLASS-STYLE 3D EDGE BANDS



PERFECT ALTERNATIVE TO GLASS. The 3D 2-in-1 or frosted edgebands from Döllken clearly offer better processing and usage characteristics in comparison to genuine glass. They radiate class, do not scratch, are lightweight, and are comparatively low-priced. The 3D 2-in-1 edgebands achieve their appearance of spatial depth thanks to the reverse application of the decorative finishes onto the transparent acrylic profile. Light that hits a matching coloured board reflects and refracts like it would with genuine glass. The genuine glass effect is even more authentic in the premium versions. Here, the edge comes with a high-gloss lacquer finish. Additional polishing is no longer necessary. As with lacquered glass, many popular colours are available combined with a stainless steel effect directly from stock. A wide variety of colour and decorative finish combinations and sizes are available made to order at short notice, including, for example, wood or solid laminate effect boards. The 3D frosted edge was developed and made not only to look like frosted glass, but feel like it thanks to the glazed surface.



THE BENEFITS OF GLASS-STYLE 3D EDGEBANDS.

- Perfect alternative to genuine glass
- Light, affordable, scratch-resistant, high-class appearance
- Further polishing not necessary for premium version
- Available for delivery at short notice
- Wide variety of colour and decorative finish combinations and sizes
- Also available as 3D frosted edgeband with glazed surface

FLEXIBLE EDGE BANDS



FLEXIBILITY IN TERMS OF MATERIAL AND SURFACES. Flexible Döllken edgebands are the result of a special material formulation, which when used on CNC or manual contour edgebanders greatly speed up production of complex furniture components. Achieving the tightest imaginable radii in combination with the fastest processing speeds is what is most noticeable using these edgebands. What is more a seam free transition from panel to edgeband can be achieved which compares well with similar work using T-molding profiles. This material does not contain any softeners, which could migrate, and can be used for profiled edgeband solutions as well as for conventional edgebands. Customer specific print finishes and surface textures enable the flexible Döllken edgebands to lend that special something to any furniture item. The continuous high class printed finish goes deep into the grooves, perfectly rounding things off.



FEATURES AND BENEFITS OF FLEXIBLE DÖLLKEN EDGEBANDS.

- Ideally suited for CNC and manual contour applications
- Soft formulation permits finishing the tightest radii with ease
- Minimal glue line
- No visible barb sink
- Available in PVC and PP
- Customized profiles available to reflect your sophisticated designs
- Total coverage printing delivers realistic woodgrain appearance

EMBOSSINGS AND GLOSS LEVELS



DESIGN ON EVERY LEVEL. In order to achieve the best match with the board surface, Döllken offers its materials with varying styles of embossing and levels of gloss from super matt to super high gloss. Besides a simple smooth finish, countless other surface embossing styles are available. Especially distinctive styles of embossing arouse the desire to touch and feel the surface. Their heights and depths create a visually fascinating interplay of light and shadow. Matt finishes intensify this effect and make wood décor, in particular, even livelier. On the other hand, there are also less conspicuous structures that can be employed universally and remain in the background both visually and tangibly. 3D embossing is possible on both the front and the back.



THE DÖLLKEN SURFACES.

- Countless styles of embossing
- Gloss levels from super matt to super high gloss
- Matt effect
- 3D with and without embossing
- 3D embossed on the front and back

INSTANT EDGEBAND PROGRAMME



THE IDEAL SERVICE FOR CRAFTSMEN. Döllken has prepared a comprehensive programme tailored exactly to the needs of craftsmen. The Instant Edgeband Programme offers carpenters and interior designers a wide selection even for small orders. Döllken edgebands can be obtained from stock in many sizes, colours, and decorative finishes in as little as just one roll at most good wood and board dealers - matching ABS finishes for over 10,000 surface decors from leading board manufacturers around the world or the newest popular decorative finishes. However, even exclusive Döllken 3D edgebands are obtainable with the Instant Edgeband Programme. A complete programme overview is available from the design matching list or the “edgeband finder” on the Döllken website: www.doellken-kv.com.



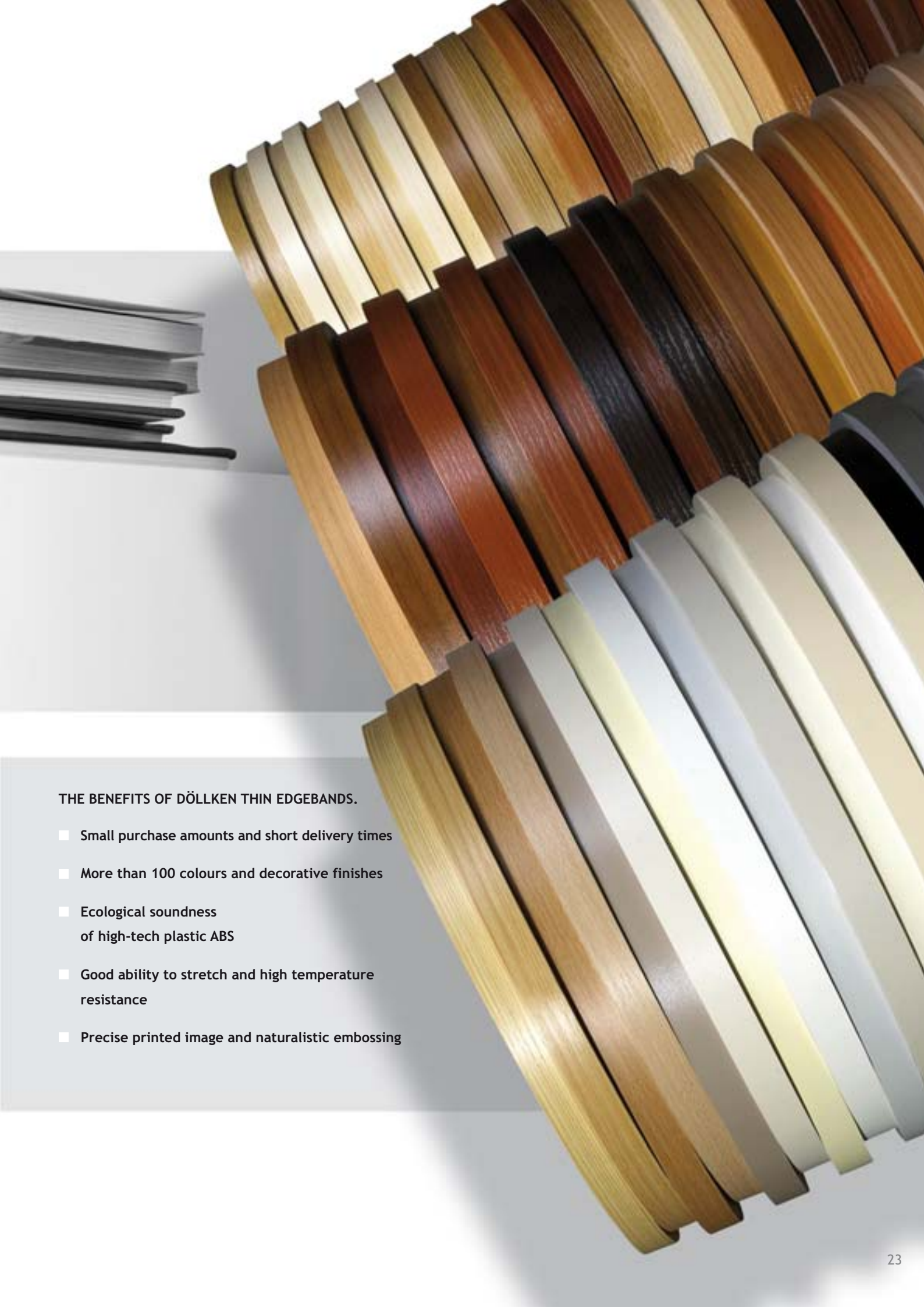
THE BENEFITS OF THE INSTANT EDGEBAND PROGRAMME.

- ABS matching designs for over 10,000 panels from leading board manufacturers
- Sale of individual rolls
- Fast delivery
- Unicolour finishes matching various RAL and NCS colours
- Constant updated to include popular décor trends in the industry
- Countless brilliant 3D edgebands

THIN EDGEBAND PROGRAMME



A NEW IDEA FOR INTERNATIONAL MARKETS. Döllken presents a freshly conceptualised and structured thin edgeband stock programme for a market looking for great variety, small purchase quantities, and fast delivery times. More than 100 colours and decorative finishes are available, all matching the most popular international board finishes. Due to the international focus of the programme, high-tech plastic ABS was selected as the material for the thin range, as it has a positive reputation ecologically. The high-class ABS edgebands live up to Döllken's renowned quality standards due to their precise printed image, naturalistic embossing, and varying levels of gloss. In addition, ABS differentiates itself from PVC by a good ability to stretch and a higher temperature resistance. An additional innovation is the matching of the colour range in thin materials to the edgebands from the Instant Edging Programme. It is now possible to process varying sizes of the same edgeband for one piece of furniture. Selection is simplified by the Döllken search engine "edgeband finder" at www.doellken-kv.com, which allows a matching edgeband, thin or thick, to be found for a board.



THE BENEFITS OF DÖLLKEN THIN EDGEBANDS.

- Small purchase amounts and short delivery times
- More than 100 colours and decorative finishes
- Ecological soundness
of high-tech plastic ABS
- Good ability to stretch and high temperature
resistance
- Precise printed image and naturalistic embossing

LIGHTWEIGHT CONSTRUCTIONS



THE LINCHPIN OF LIGHTNESS: BONDING-EDGE. Modern design and increasing mobility require ever more lightweight furniture. The processed boards must, however, demonstrate sufficient load-bearing capacity and rigidity but be as light as possible. As a result, the type of edgebands used plays a significant role, as they play an additional role in safety and support. Döllken developed the bonding-edge for this reason. It is employed in conventional automatic processing to stabilise the board within the slot previously milled into the decks. Only then is the actual decorative edgeband applied. The continuous perforation of the bonding-edge forces the adhesive through the holes during gluing, anchoring it very solidly to the board. Due to its special material formulation, the bonding-edgeband also offers excellent stability and flexibility and is therefore suited for radius processing by workcentre. The bonding-edge is also very well-suited for processing with another procedure, such as the double-edge procedure of Homag. Here, it is glued directly to the decorative edge forming a “T profile” and simultaneously glued to the lightweight board. This works smoothly with the bonding-edge, as it is very flat and features very exact tolerances.



THE BENEFITS OF THE BONDING-EDGE.

- Delivery in roll form
- Continuous perforation for extremely solid anchoring to the board and the decorative edgeband
- Excellent stability and flexibility thanks to special material formulation
- Very good radial flexibility during CNC processing thanks to pliability
- Very flat and has a very exact tolerance
- Perfectly suited for processing with all usual machine applications

SEALING AND DAMPING EDGEBANDS



EDGE BANDS THAT CAN DO MORE THAN OTHERS. In general, Döllken edgebands work two-fold: they offer the best protection for furniture and are important elements of their individual design. In special cases, they provide something more. For these cases, Döllken offers a select programme of edgebands with additional sealing and damping abilities, in solid colours or printed effects. They dampen, for example, the impact of doors or drawers and seal their joints against dust and moisture. Depending on their purpose (e.g. base or pedestal), they are equipped with one or two soft lips, a caulking strip, or a hollow tube seal. Many sealing and damping edgebands in a variety of sizes are available for quick delivery. Individual designs are possible at any time.



**THE BENEFITS OF DÖLLKEN SEALING
AND DAMPING EDGEBANDS.**

- Perfect sealing and damping ability
- Light- and moisture-resistant
- Hygienic, protect against knocks and scratches
- Individual design and manufacture

THE SERVICE



QUALITY IS DÖLLKEN'S BYWORD. This applies not only to the goods but equally importantly to the service, which is tailored to the requirements of the clients. In order to fulfil specific requests we carry out specially bespoke colour matches in our labs. The Sample Service can always be relied on for any type of colour match sample. Döllkens professional quality management ensures continuous quality of the highest order. We are able to deliver the edgebands on time to the customers - whether small batches or large industrial quantities - thanks to our quick world wide delivery service - and in the right packaging for the situation. This means the edgeband delivered can be quickly and efficiently integrated into the production process. The advice and levels of service offered on the ground by our world wide team of representatives and technicians complete the Döllken idea of customer orientated thinking.



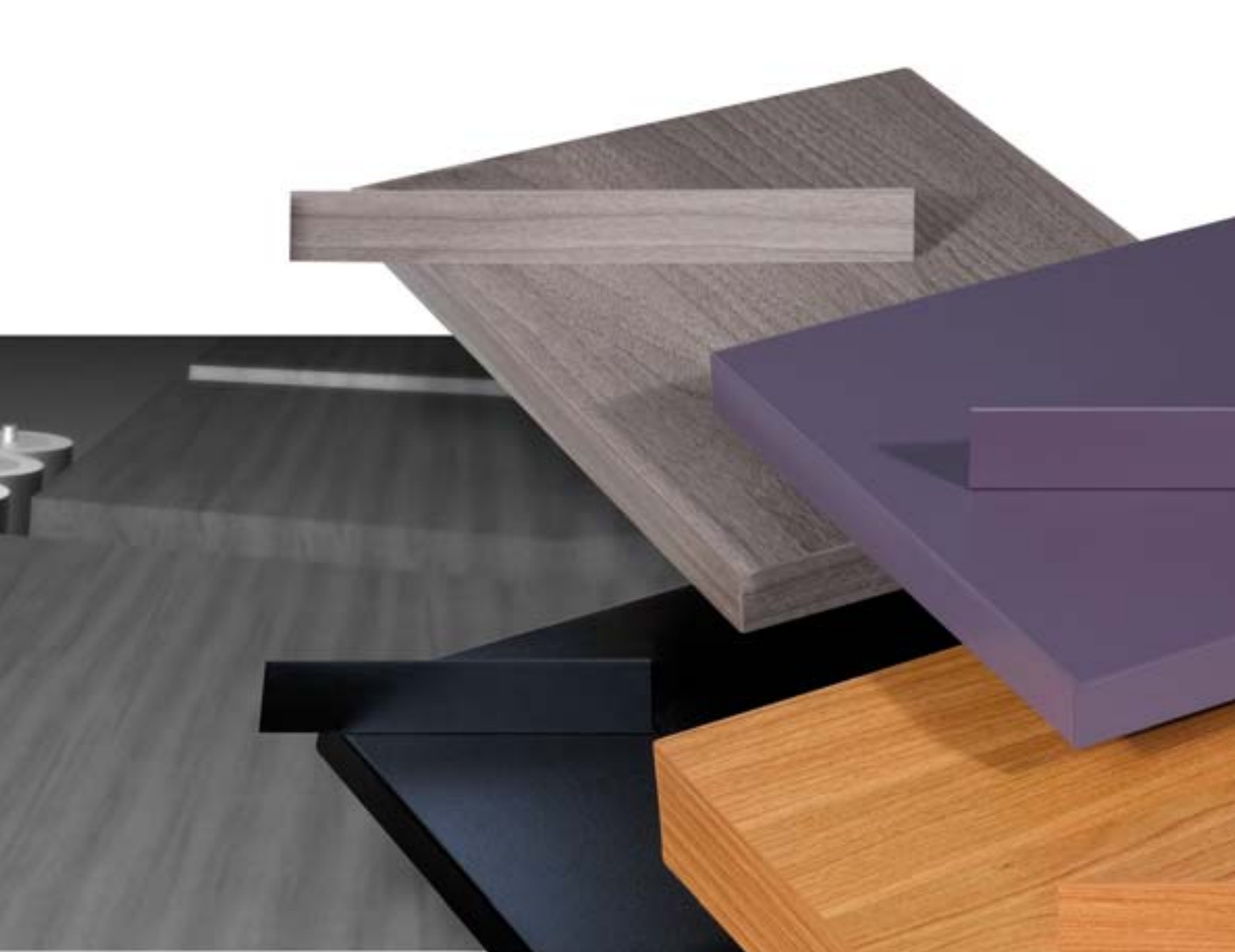
THE BENEFITS OF DÖLLKEN'S SERVICE.

- Committed customer orientation
- Quick world wide delivery service
- Professional quality management
- Matches created in our own lab
- Extensive sample service
- Technical advice
- Our own representatives
- Global distribution network
- Environmentally friendly packaging

STRONG ON INNOVATION



DÖLLKEN IS FORWARD THINKING. Constant research and development not only lead to a constant expansion of our competence and know how but more importantly to the ground breaking innovations where edgebands are concerned. This ensures for our customers bespoke solutions and uses both now and into the future - something which can be seen everywhere in the innovative products on offer from Döllken. Take, for example, Fusion Edge - which is applied by laser and results in a perfect joint free bond - or the Folding Edge, which as the name suggests, fold onto the angled edges of a panel. Trends in colour developments are also constantly at the centre of Döllkens focus - such as the current retro look and floral designs or creative contrast colours. Innovative printing technology such as Digital Printing will enable Döllken to transfer photo realistic motifs on to edgebands and create a truly accurate match for any panel. Extremely quick colour matching and small batch sizes are well suited to this printing technology. Furthermore the advanced stock concept means that Döllken is certainly the right partner for all future requirements.



AHEAD OF THE TIMES WITH DÖLLKEN.

- Trustworthy technological advances through research and development
- Fusion-Edge
- Folding-Edge
- Bonding-Edge
- Lightning-Edge
- Digital Printing

WORLD WIDE PRESENCE



EUROPE

Döllken-Kunststoffverarbeitung GmbH
Gladbeck / Germany
www.doellken-kv.com

Surteco France S.A.S.
Beaucouzé / France
www.fr.surteco.com

Surteco Italia s.r.l.
Martellago VE / Italy
www.it.surteco.com

Surteco Dekor A.Ş.
İstanbul / Turkey
www.tr.surteco.com

Surteco OOO
Moscow / Russia
www.ru.surteco.com

AMERICA

Canplast
Greensboro / USA
www.canplast.com

Doellken-Woodtape
Brampton / Canada
www.doellken-woodtape.com

Canplast Mexico S.A. de C.V.
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www.canplastsud.cl

ASIA

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Singapore
www.sg.surteco.com

Surteco Decorative Material
(Taicang) Co., Ltd.
Taicang City / China
www.cn.surteco.com

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