

# KANTENnews

Edition 21

## One team – all solutions

One Stop Design Solutions

## Astoundingly versatile

FUSION-EDGE product portfolio opens up new possibilities

## The perfect edgeband

DIGITAL-EDGE as FUSION-EDGE

## Synthesis of interaction, transparency and depth effect

The new 3D edgebands by Döllken

## Faster, clearer and more appealing

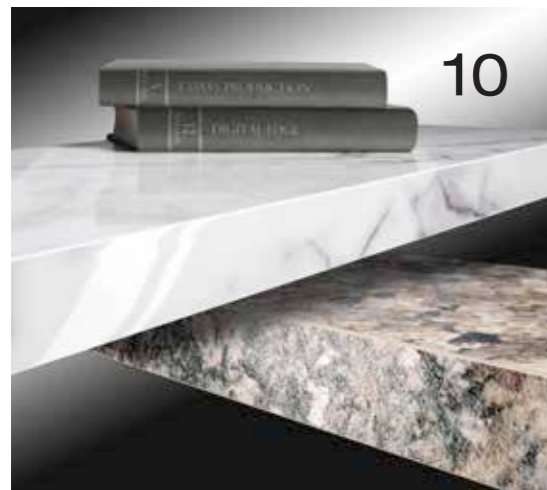
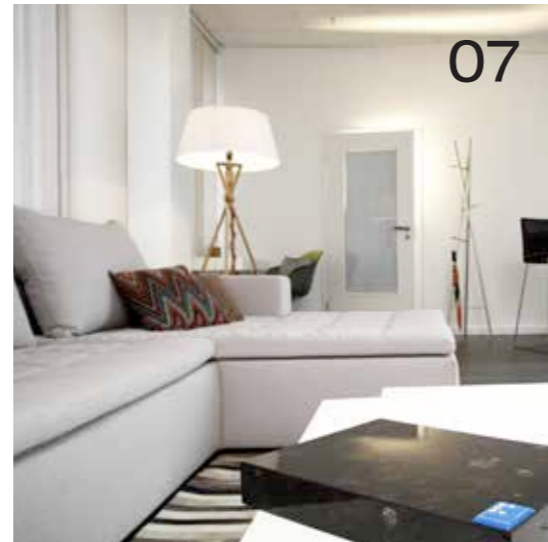
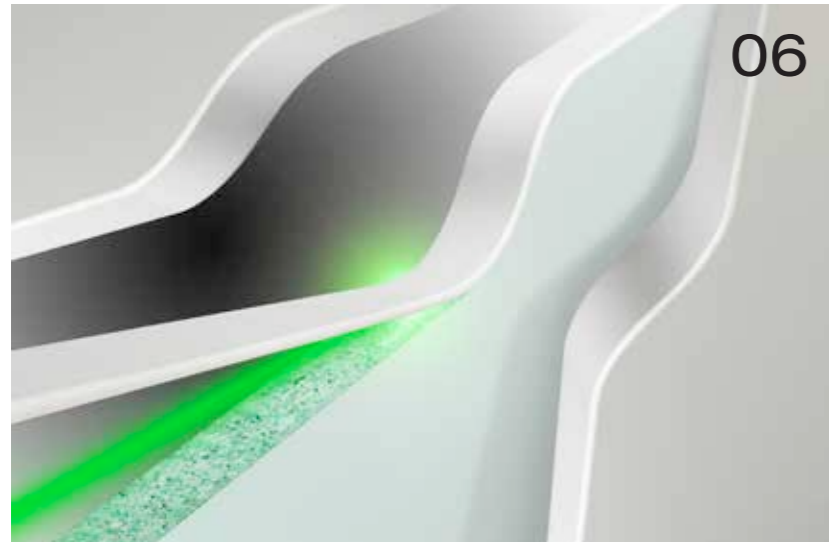
The new Edgeband-Finder is online

**ONE STOP  
DESIGN  
SOLUTIONS**

**DÖLKEN**

A SURTECO BRAND





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One Stop Design Solutions / interzum Cologne

# One team – all solutions



You have perfectly matched surface prints in mind – from surface to edge? Top quality design and surface technology and a seamless whole? Then make a “pit stop” with the SURTECO surface specialists team!

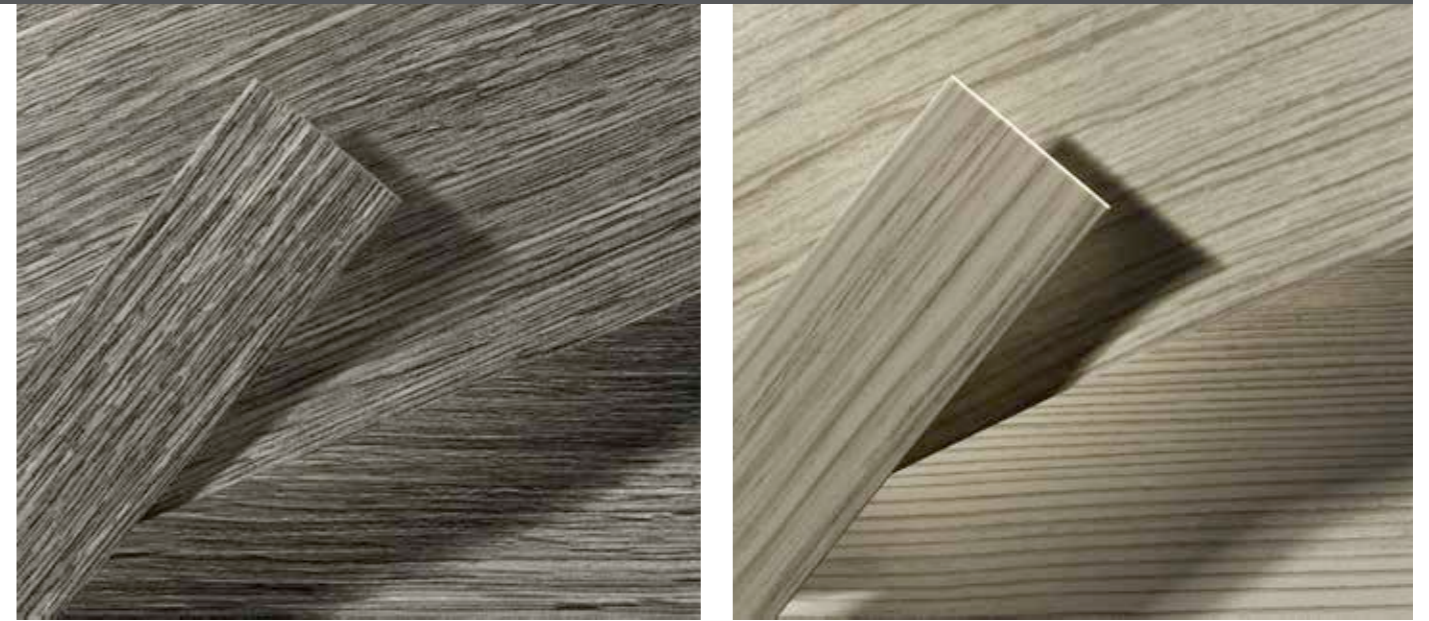
### Döllken and the SURTECO Group together at the interzum in Cologne

Innovation powered by Döllken: As a globally leading manufacturer of thermoplastic edging and more than 60 years of experience in the extrusion of customised edgeband solutions, Döllken sets standards for design and finishing to match. Trend-setting joining technologies, tangible surface design and finishing and

super-matt surfaces are part of the range of our services.

### A pit stop at the SURTECO trade fair stand is worth your while!

The SURTECO Group’s trade fair presence this year is fully in line with the trade fair motto “One-Stop-Design-Solutions”. Why not pop in for a firsthand experience of how you and SURTECO, the “One-Stop-Seller”, will beat the competition. The individual SURTECO companies are working hand in hand like a well-rehearsed pit stop crew, ultimately presenting a perfectly coordinated all-in-one solution.



Perfectly matched: The SURTECO matched surface finish.

### Discover the competencies

The potent unity of the SURTECO team is particularly evident from the exceptional architecture of the trade fair stand, perfectly matching the motto of the fair. The individual fields of competence of the SURTECO Group are shown in boxes for each topic, customer-oriented and illustrated by various examples. Be it architecture, furniture, interior, technology or service: Every topic box invites to a pit stop! ■

For more information please visit:  
[www.One-Stop-Design-Solutions.com](http://www.One-Stop-Design-Solutions.com)

### A potent team: The SURTECO Group

Apart from Döllken, the SURTECO Group includes, among other, the companies SURTECO DECOR, BauschLinnemann, Dakor Melamin Imprägnierungen, Gislaved Folie, Kröning, Süddekor Art Design + Engraving and Canplast.

### Customer benefits

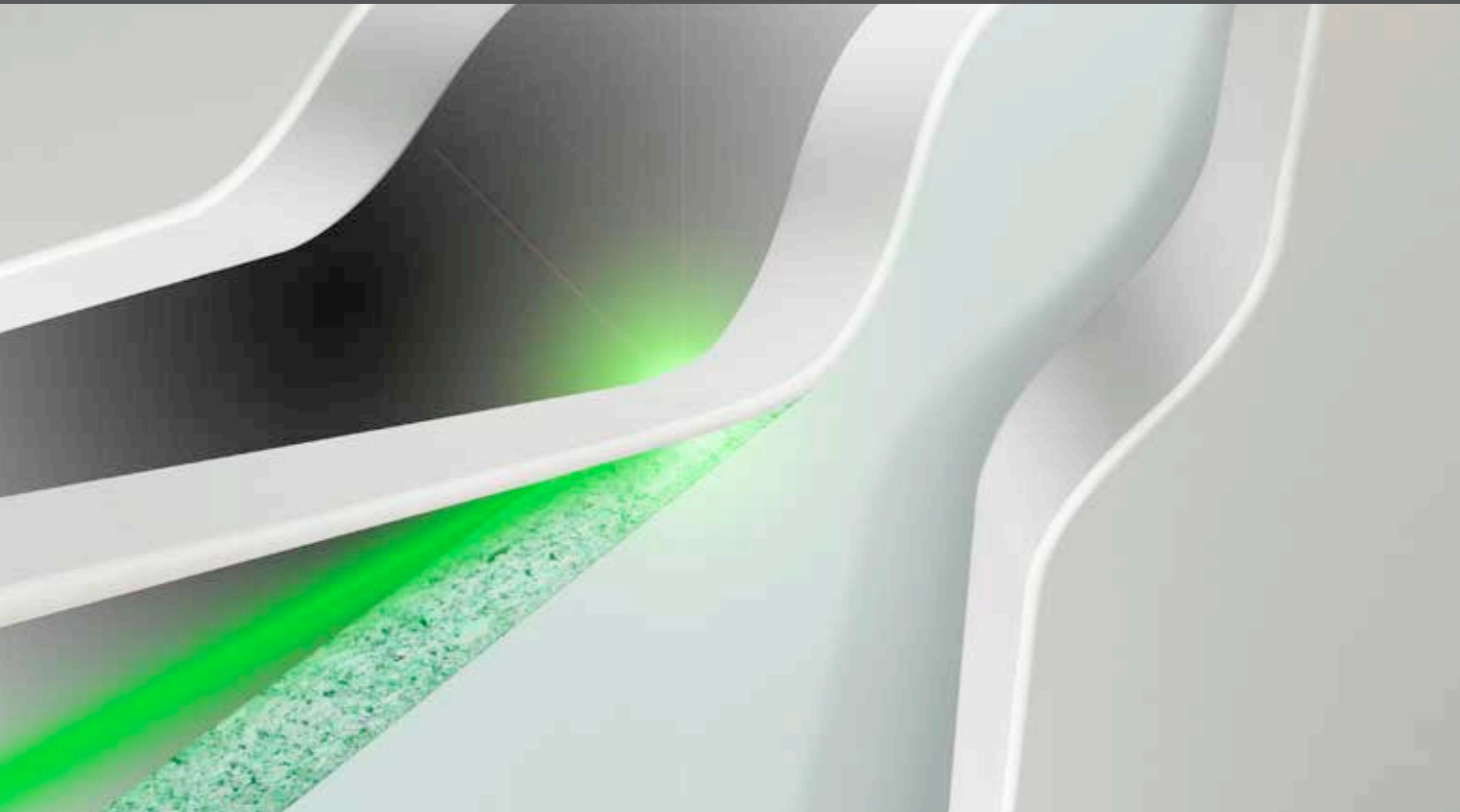
- Reduced development cycles
- Increased process efficiency
- Faster actions in the market



The SURTECO trade fair stand invites you to discover the various fields of competence of the group of companies.

The SURTECO team works hand in hand for perfect results.





Innovative edgeband technologies are the foundation of our impressive results.

Döllken on the LIGNA in Hanover

## Discovering something new

LIGNA

Döllken will once again this year be presenting its innovations at the LIGNA 2015 in Hanover. Our presence at the globally leading trade fair for forestry and the woodworking industry is yet another important milestone for even better market presence and customer orientation and profile.

### Innovation chasing innovation

Döllken's innovative power defines this year's

trade fair presence in Hanover. The novelties exhibited at our stand are commensurately diverse. The focus is distinctly on FUSION-EDGE, operating with all conventional joining technologies and sources of heat – from lasers\*, via plasma and NIR technology down to hot air.

Digital printing is a further highlight, enabling repeat lengths in excess of 2 m and guaranteeing top class printed images. ■

**New: All the colours and finishes in the Instant Edgeband Programme are now available ex stock as FUSION-EDGE, – starting from one roll already and up!**



Ensures reliable sealing:  
The AQUA-STOP-PEN.

\* The FUSION-EDGE developed by Döllken works with all currently available innovative joining technologies and heat sources. In addition to laser technologies – subject to patent rights currently in force in Germany – these also include plasma, hot air and NIR technology.

Döllken invites you to the new customer lounge

## Designing your finishes together – live

Closeness to the customer is a paramount Döllken principle. This proximity is achieved both through our in-house and field staff and through our Application Technology colleagues – available globally to assist with technical problems. A new and generous customer lounge has now been set up in Gladbeck to further facilitate customer contact.

### The ideal place for good decisions

Colours and finishes may be immediately inspected in the ideal ambience of the new Döllken Design Center with its large customer lounge. You are a welcome customer and guest here; throughput times will, after all, be considerably faster when you can personally define the colour for colour designs or direct productions, participate in the selection of your individual finish and give the go-ahead.

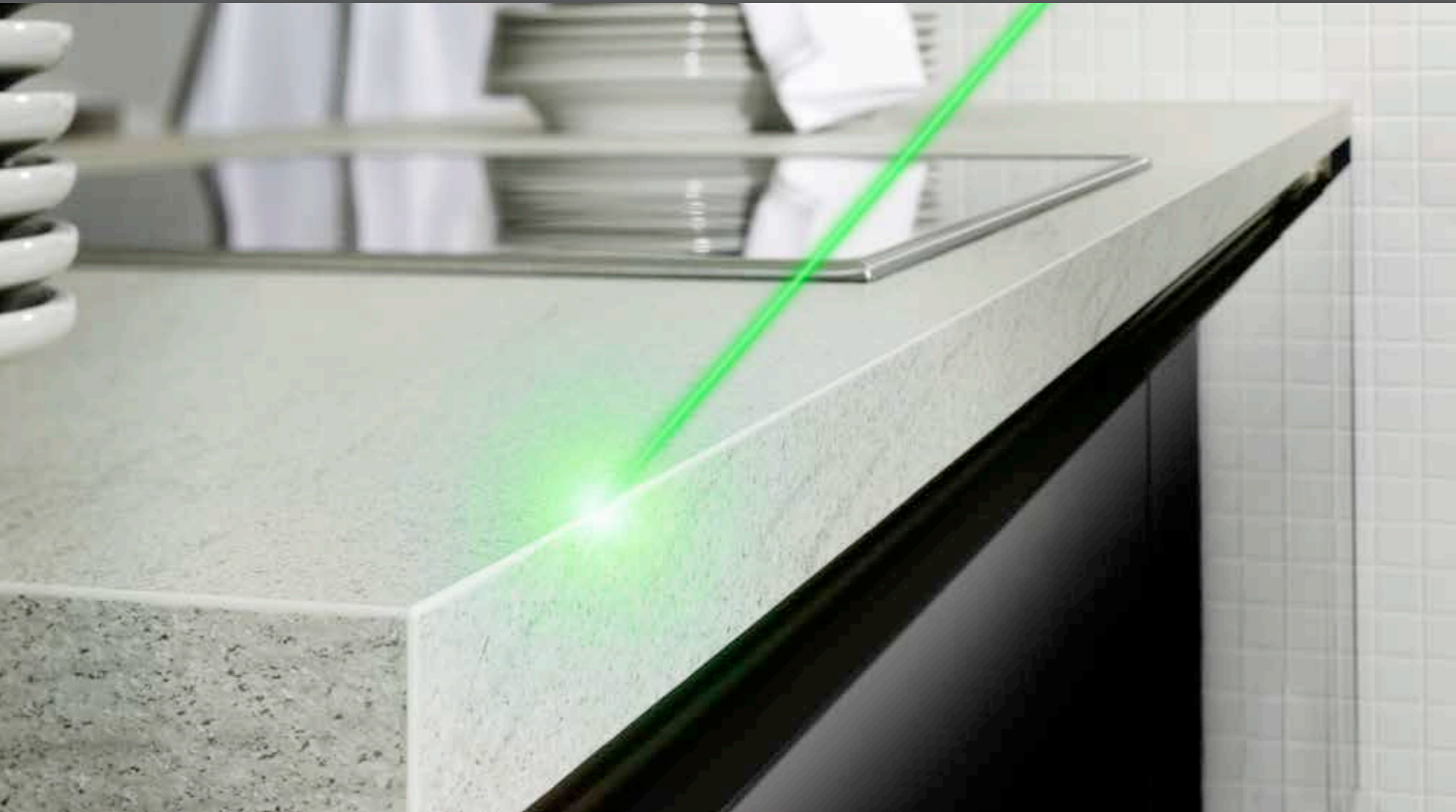
### Everything included

The Döllken Design Center comprises the customer lounge, an office and conference room, a show room with innovative products and the development of the surface finish and prototyping. You are invited here to relax whilst waiting for the development of your individual colour schemes and allow yourself to be inspired or carry out other tasks such as making phone calls or sending e-mails. We look forward to your visit. ■



The new Döllken Design Center.





Easy and flexible application.



Impressively resilient.

The FUSION-EDGE product portfolio unlocks new possibilities

## Astoundingly versatile – starting from a single roll



Visually zero joint, no additional hot melt adhesive required, increased reliability of production and increased productivity: Current joining technologies will render all of this reality. This also demands a new edgeband technology, however. Döllken has responded to the challenge with its FUSION-EDGE, creating a seamless unity of edgeband and board, requiring no additional hot melt adhesive and offering compatibility with all popular new joining technologies.

### Wider selection among the chlorine-free materials

Professionals increasingly demand zero joint technology. Since, however, the tried and tested ABS edgeband material is commonly used here, Döllken has adapted its product portfolio accordingly. In addition to the industrial material PP, edgeband materials ABS and 3D are also now available in the proven FUSION-EDGE quality and with the premium functional coating.



Note: The Bulthaupt company has patent rights to laser joining in Germany. Using this technology in Germany requires Bulthaupt's consent.

### Popular colours from one roll and up

The premium functional coating provides outstanding mechanical workability, perfect surface finish match and durability. This renders it clearly superior to most post-coatings based on hot melt adhesives. In order to offer the many benefits to as many users as possible, the most popular colours are now available ex stock as FUSION-EDGE edgebands in the Instant Edgeband Programme, from one roll and up. All other or customised colours will be produced from 450 m already and up, in their various dimensions as required. ■

### Your benefits at a glance

- Not visible: Visually zero joint
- Innovative: No additional hot melt adhesive required
- Advantageous: More chlorine-free materials in FUSION-EDGE quality
- Compatible: May be processed using all popular joining technologies
- Practical: Available from 450 m already and up
- In stock: Trend colours available ex stock from 1 roll and up

All Instant Edgeband Programme colours and finishes in ABS and all available thicknesses and widths now available as FUSION-EDGE from one roll and up.



## DIGITAL-EDGE as FUSION-EDGE

## The perfect edgeband



In a first, Döllken combined two technologies to create the edgeband of the future: In the DIGITAL-EDGE as FUSION-EDGE, perfect application using new joining technologies and a first class printed image based on digital printing are now united.

**Optimal for the kitchen worktop**

Döllken's innovation is a decisive advancement towards perfectly matching finishes, especially when it comes to worktop edgings. Digitally printed edgebands offer a printed image to excellently match their kitchen worktop. Thanks to digital printing technology, conventional repeat lengths are now also relics of the past. The choice is yours and you can match the pattern repeat to your surface material. ■

**Your benefits at a glance**

- New: Two future technologies united in one edgeband
- Perfect: Application using new joining technologies
- Outstanding: First class printed image courtesy of digital printing technology
- Flexible: Freely selectable pattern repeat lengths



See and sense perfect processing.



Perfect harmony between board and edging – also now in the kitchen.



After 15 January, an acknowledged fact: The DIGITAL-EDGE is the "Winner of the pro-K award 2015".

## pro-K award 2015 for Döllken's DIGITAL-EDGE

## Radiant winner

Every year the "pro-K Industrieverband Halbzeuge und Konsumprodukte aus Kunststoff e.V." hosts a competition in the sector, with prizes awarded to excellent plastic products. Döllken's DIGITAL-EDGE convinced the experts in terms of innovation, design and functionality and was awarded the distinction "Winner of the pro-K award 2015".

**Technical progress makes it possible**

The Döllken Premium high gloss worktop edging is the ideal solution to demanding surface finishes, as in the Formica 180fx® series. The worktop edging appraised by the jury was designed to match the Formica Black Fossilstone surface



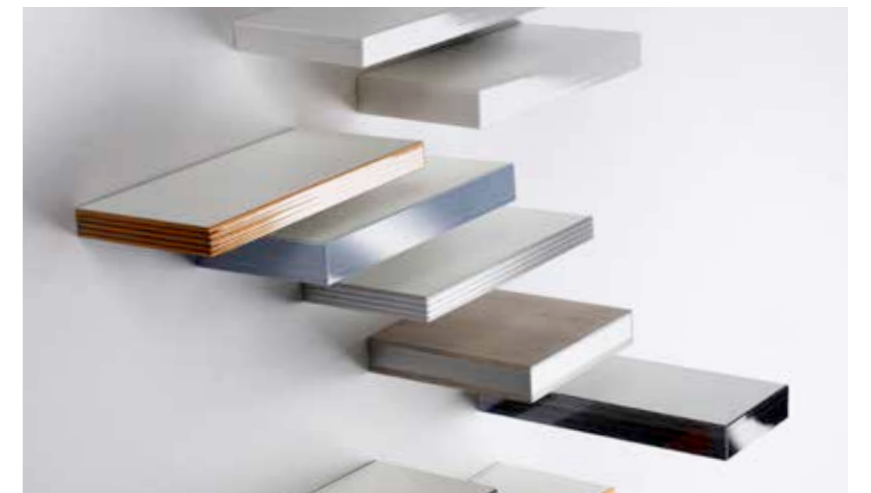
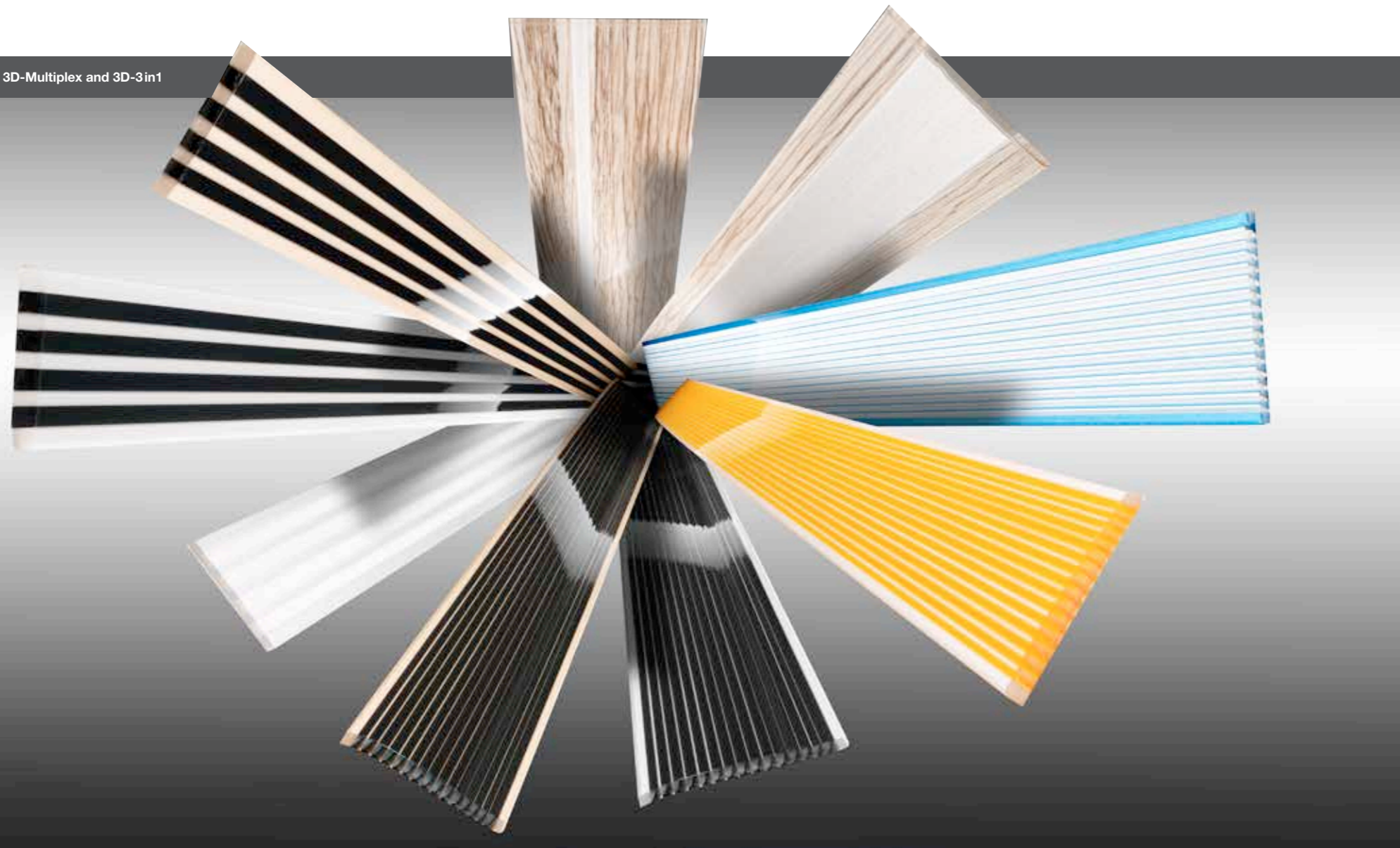
finish and impressed with its scaled printed image and a perfect Premium high gloss finish. ■

**DIGITAL-EDGE convinced the jury in all the disciplines.****Your advantages at a glance**

- Unique: Pattern repeat lengths in excess of 2 m possible
- Customised: Available from matt to high gloss finish
- Pioneering: Perfect finishing to match any sample
- Dynamic: Batch sizes of 150 m and up quickly available

With its DIGITAL-EDGE, Döllken has revolutionised the market for worktop edging.





Innovative, extravagant and inspiring.

The new Döllken 3D edgebands

# Interaction, transparency and depth effect

Not only is Döllken the inventor, but clearly also the pioneer in the market for 3D edgebands. With its three newly developed 3D edgebands, Döllken proved this once again.

**3D-Space**

The 3D-Space-edgeband unlocks new options for furniture design. The asymmetric structure of the lamella combines transparency and novel depth effects. This creates interactions between the observer and 3D-Space edgebands. Both the

surface finish and the appearance of the edgeband will change as the viewing angle changes. Visually, the edgeband creates a sense of lightness due to its natural and apparently mobile lamella and its PMMA material.

The 3D-Space-edgeband will excellently enhance:

- Worktops
- Fronts
- Drawers
- Doors

**3D-Multiplex**

The 3D-Multiplex-edge creates a unique depth effect through striking interactions between transparent and solid coloured lines. Your creativity knows no bounds, thanks to the wide range of colours of the multiplex lines. Customised play of colours has the capacity to meet all customer demands.

**3D-3in1-Décor**

The new 3D-3in1-surface finish edging is the perfect match to any worktop surface finish and the interaction between surface finish and contrast strip will create an extraordinary union of board and edgeband, as never before seen. By embedding the strip oriented on the colour of the face, the edgeband will form a link to the design features incorporated in the room. Döllken can also offer customised design options for this edgeband in terms of combinations of colour and surface finishes. ■

Your advantages at a glance

- Unusual: The innovative 3D-edgebands can offer new edgeband design structures
- Novel: Interaction with the observer
- Perfect unity: Linking of edgeband and design features in the room

Are you looking for new design options? Döllken can offer you these in the customary Premium quality.



All degrees of gloss may be individually produced, from super matt to high gloss

## Quality and elegance

High gloss edgings and surfaces are still the trend. Döllken, as your reliable partner for customised edgeband solutions, can supply the edgebands for this trend – in all imaginable colours.

The wide selection of over 70 different high gloss edgebands in the Instant Edgeband Programme (KSP), all constantly available ex stock, is also quite remarkable. ■

### Brilliant selection

Döllken's high gloss edgebands will refine every piece of furniture by "invigorating" the edging with colours. The high grade Premium high gloss (gloss level 5) final varnish complements it all with a perfect combination of quality and elegance.

### Your benefits at a glance

- Brilliant: Edgebands and surfaces in high gloss look
- Directly: More than 70 high gloss edgebands available ex stock
- Noble: Final varnish in Premium high gloss

## Matt, scratch-proof and good

The demand for a matt look has seen a steady rise in recent years. This is why Döllken is now offering, as a global first, the virtually stain-proof super matt surface for thermoplastic edgebands, especially PP edgebands.

### Feels good

Apart from the visual and mechanical characteristics of the super matt coating, the new surface also impresses with its special haptic properties. The velvety feel of the surface reminds of soft to the touch varnishes. ■

### Nano technology for the perfect surface

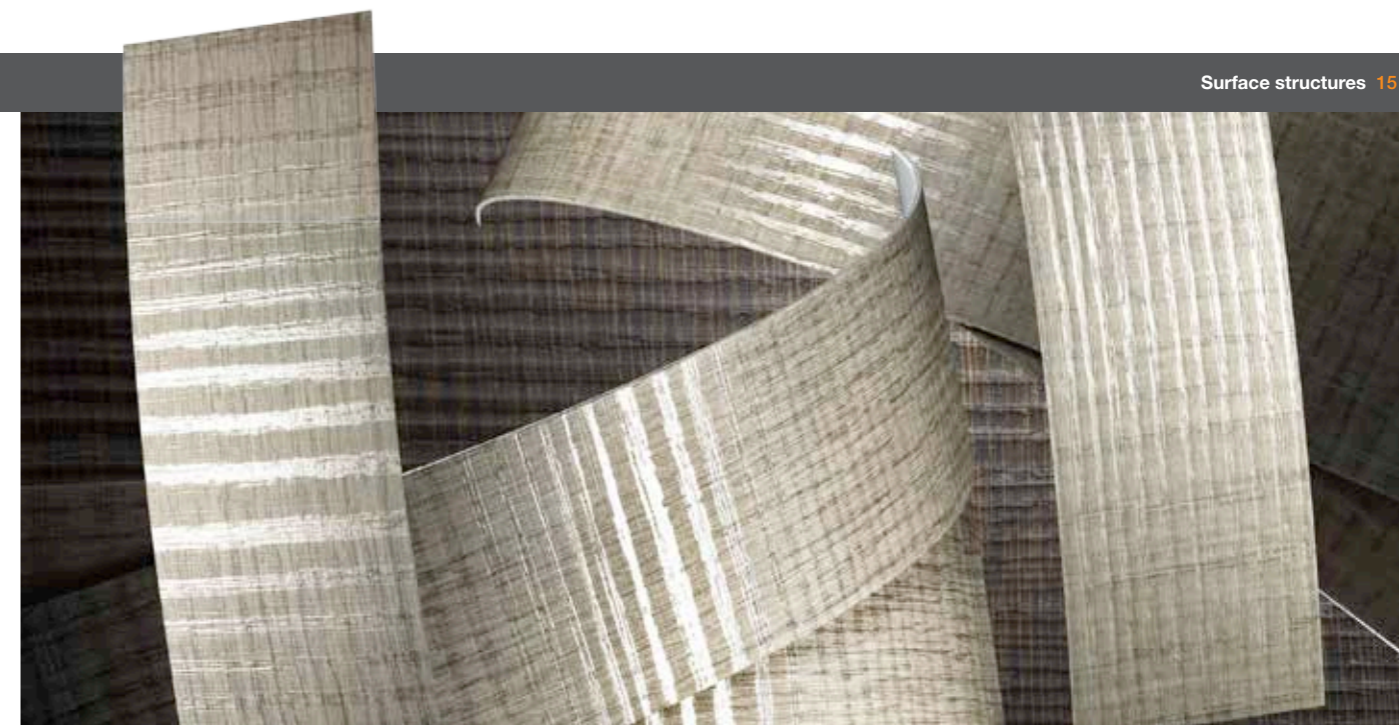
Thanks to state of the art surface technology, the super matt edgeband surface is extremely scratch-and stain-proof. These outstanding surface characteristics assure the contractor of reliable installation and the customer of durable furniture.

### Your benefits at a glance

- Robust: Extremely scratch-proof and stain-proof
- Velvety: Soft surface
- Special: Suited for PP edgebands especially



Discreet elegance as you go.



Embossing in detail.

Surface structures render every edgeband an experience

## Distinct impression

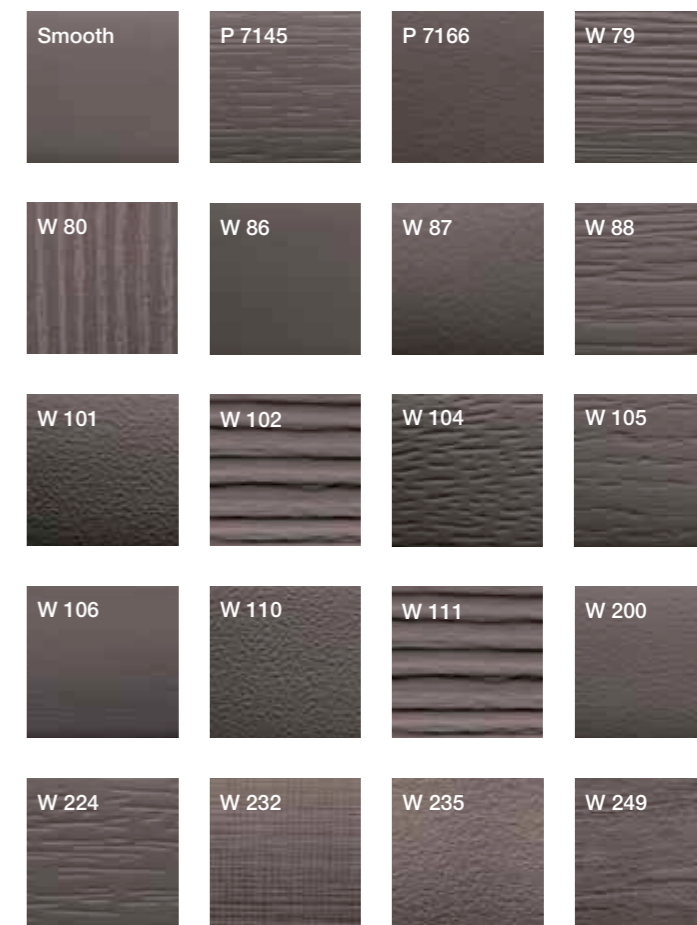
Döllken's thermoplastic edgebands don't only look good, they also feel good. This is due, among other, to outstanding Döllken embossing. This renders these edgebands tangible experiences, highlighting their quality.

### Brought to life

25 different types of embossing lend Döllken furniture a distinctive liveliness with a perfectly matched finish. The special secret of Döllken embossing: They immediately catch the eye of the beholder, tempting him to touch the edgeband. Döllken consistently develops its surface structures to satisfy current trends, assuring you of a customised edgeband solution to match any style. ■

### Your benefits at a glance

- Continuous: Ongoing development of surface structures
- Trend conscious: The surface structure to match every trend
- Creative: Combinations of embossing and gloss levels



Samples of embossing shown above are available on request.



Greater variety and smaller batch sizes

## Service and individuality are top priority

To help you remain flexible, Döllken can offer a world of colours and surface finishes with a range of more than 32 000 different colours and surface finishes. The range grows by around 1 500 new surface finishes every year – including direct colour and finishing matches to SURTECO surface finishes. This range is available in four different raw materials, 25 different embossings and with 900 different dimensions. More individuality is hardly possible!

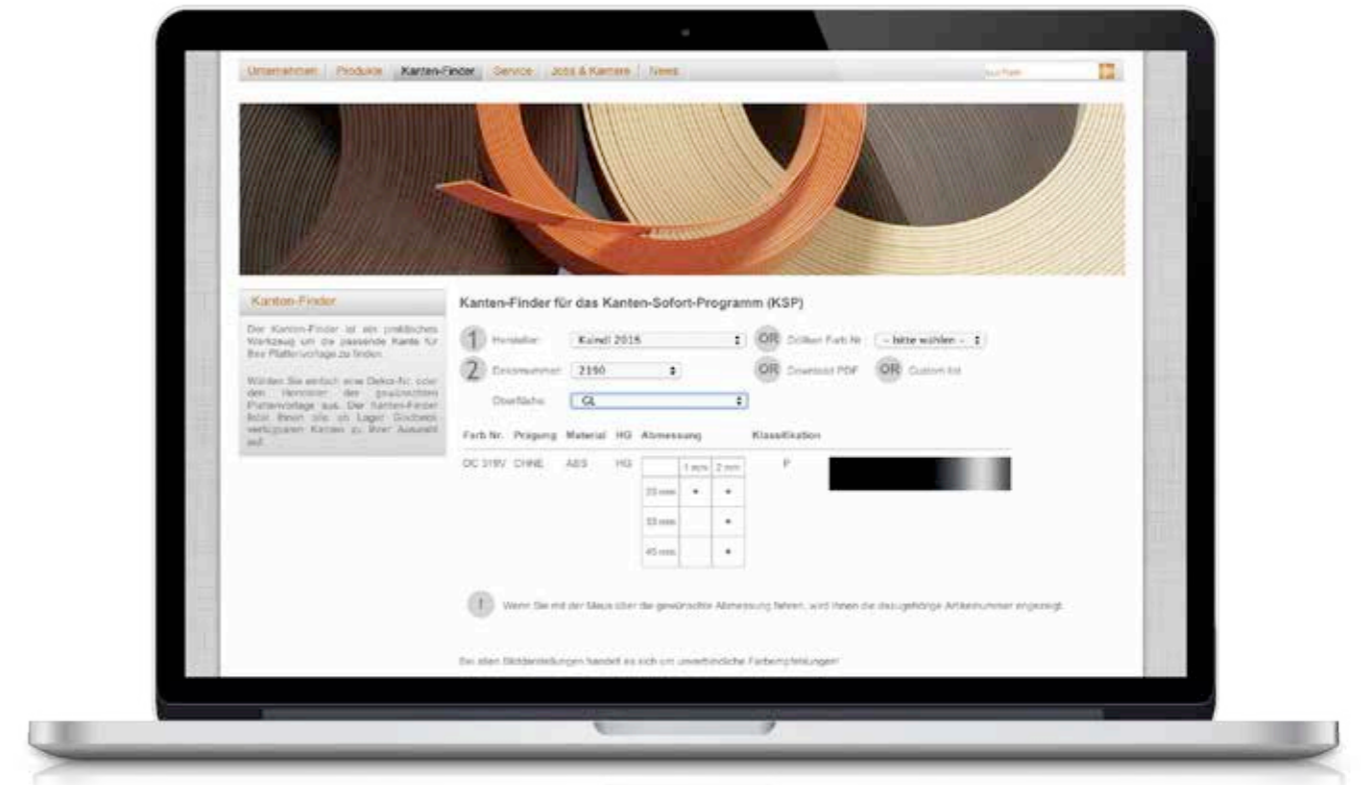
Small quantities from 450 running metres are available within five working days.

### All the options at your disposal

More than 1 300 colours and surface finishes available ex stock and more than 4 000 items matching more than 10 000 board manufacturer reference types: Döllken's extensive stock programme allows delivery within 24 hours. And all this starting from a minimum order of one metre and up in numerous thicknesses and widths. You may also have your customised edgeband produced within five working days. Put our performance to the test! ■



The Döllken Express production.



Find the suitable edgeband with just a few clicks.

The new Edgeband-Finder is online

## Faster, clearer and more appealing



Your direct route to the Edgeband-Finder.

The digital Edgeband-Finder requires just a few clicks to find an edgeband matching one of more than 10 000 board surface finishes. Using the displayed article number, you may order any edgeband directly. No chance of errors slipping in. ■

### This is how the Edgeband-Finder works

Under "Search Edgeband to match Board", you have two options:

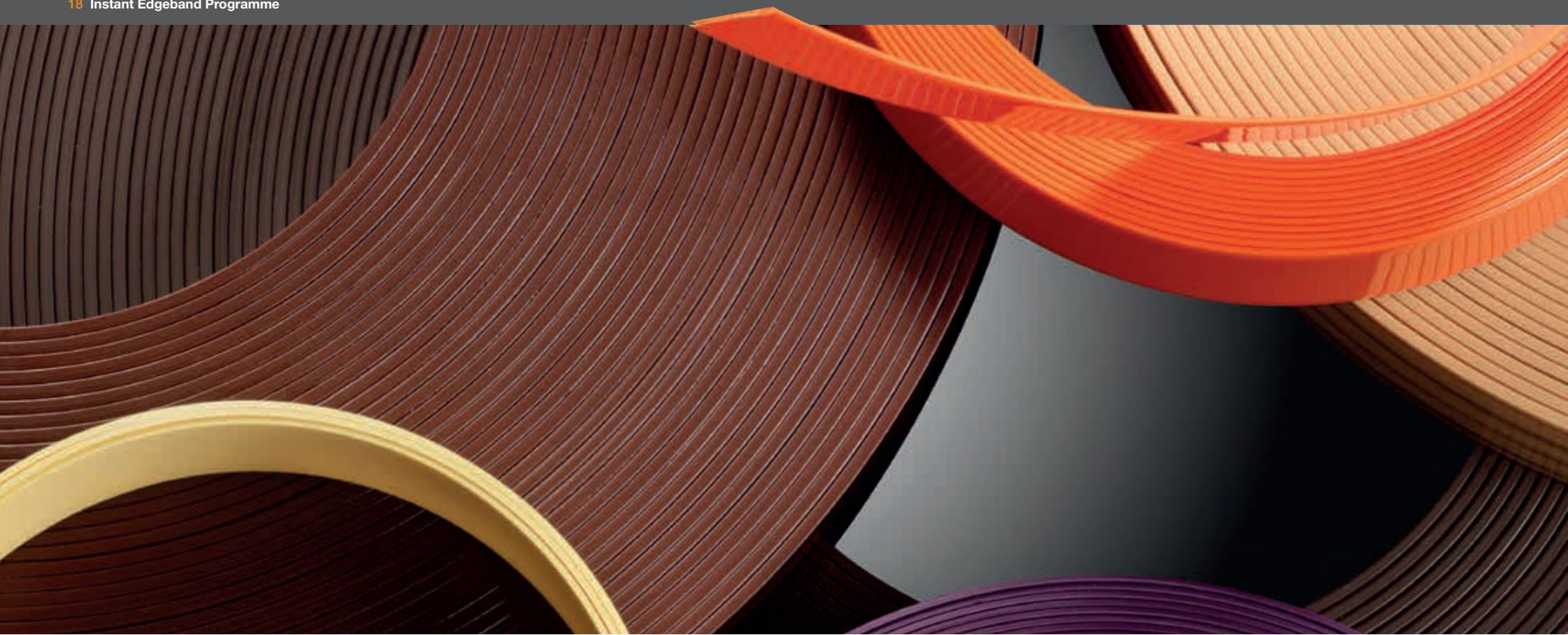
1. Search by Board manufacturer
2. Search by surface finish number

Simply select the desired option and find the edgeband to perfectly match your board. Try it directly at: [www.Kanten-Finder.de](http://www.Kanten-Finder.de)



Perfect match of board and edgeband finishing.





Flexible – available in whatever length or width.

Döllken hot melt adhesives for optimal results.

### Döllken's Instant Edgeband Programme

## Available ex stock



The world of boards is becoming increasingly colourful with more surface finishes. No problem, since Döllken produces an optimal edgeband for the desired surface, making it available at short notice, even in small quantities, through the instant edgeband (KSP) stock programme. Our claim is production of high quality plastic edgings to match boards one to one, in both visual and tangible aspects. The Instant Edgeband Programme today includes more than 1 300 colours and surface prints, available in a diversity of widths, thicknesses and embossed surfaces.

#### Good service is priceless

Service is more important than ever these days. At Döllken, it manifests itself in short delivery times, high availability and a wide range of products. To you, this means: not only are edgebands to match leading board collections available at short notice, but they also come in many widths and thicknesses and can be

supplied in lengths of one meter and up. Long waiting times and bulk orders for special dimensions are now a thing of the past.

#### The matching accessories are also available, of course

Apart from tailored thermoplastic edgebands, the Instant Edgband Programme also offers all the necessary accessories. Matching EVA adhesives in various colours are, for instance, also available ex stock, as is the AQUA-STOP-PEN for protecting the board from water, dirt and water vapour.

#### The AQUA-STOP-PEN

Joints are severely stressed each day by water, moisture, water vapour or dirt. Döllken has developed the AQUA-STOP-PEN to ensure that they will look as good as new through the years. This pen will reliably and durably seal a joint within seconds.

#### What is the width you are after?

In addition to conventional standard and special widths of 23, 28, 33, 45 and 54 mm, the 100 mm wide master rolls with over 550 colours and surface finishes may now be cut to suit your specific dimensions. Particularly practical: Dimensions of 16–100 mm are available already when ordering just one master roll. This also applies to ABS, high gloss and 3D edgebands.

#### High grade hot melt adhesives for reliable bonding

Döllken EVA adhesives guarantee perfect bonding results. The most popular colours are available ex stock as granulates or cartridges. In addition to excellent gluing characteristics, the transparent hot melt adhesives also guarantee almost invisible joints.

#### Pure brilliance – with the 3D-3in1 edgebands

The 3D-3in1 edgebands create a perfect picture in any situation. The glass-in version is suited for both horizontal and vertical application. In addition to furniture boards, doors also benefit from its unique finish. ■

The Instant Edgeband Programme offers you edgebands to match more than 10 000 board surface finishes.





# Döllken has a worldwide presence

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## EUROPE

Döllken-Kunststoffverarbeitung GmbH  
Gladbeck/Germany  
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