



REHAU edgeband symposium

BIESSE, Pesaro 15.06.2023

The perfect furniture part with REHAU

Your components as from one piece:

- **Jointless and top quality** with our **ZERO JOINT EDGE**
- **Decor and colour** to match the board
- **Digital printing** for complex decors
- Matching **lacquer finish and embossing**
- Frameless due to **decorated/pigmented milling radius**
- Frameless due to **matt/glossy milling radius**

In addition we offer:

EXPERIENCE

SERVICE

FUNCTIONS

SUSTAINABILITY



RAUKANTEX pro – the zero joint edge



RAUKANTEX fire.protect



RAUKANTEX health.protect



RAUKANTEX scratch.protect

The "Laser" success story goes on...



Know-How

Experience in Laser technology for over 15 years



Market leader

with a market share of around 65%



Established worldwide

EMEA, AP + AM
New: also in India



The right functional layer for every requirement



Guaranteed legal security

for the purchase and processing of laser edges



Steady growth

Europe and worldwide
Very strong in asia



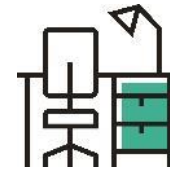
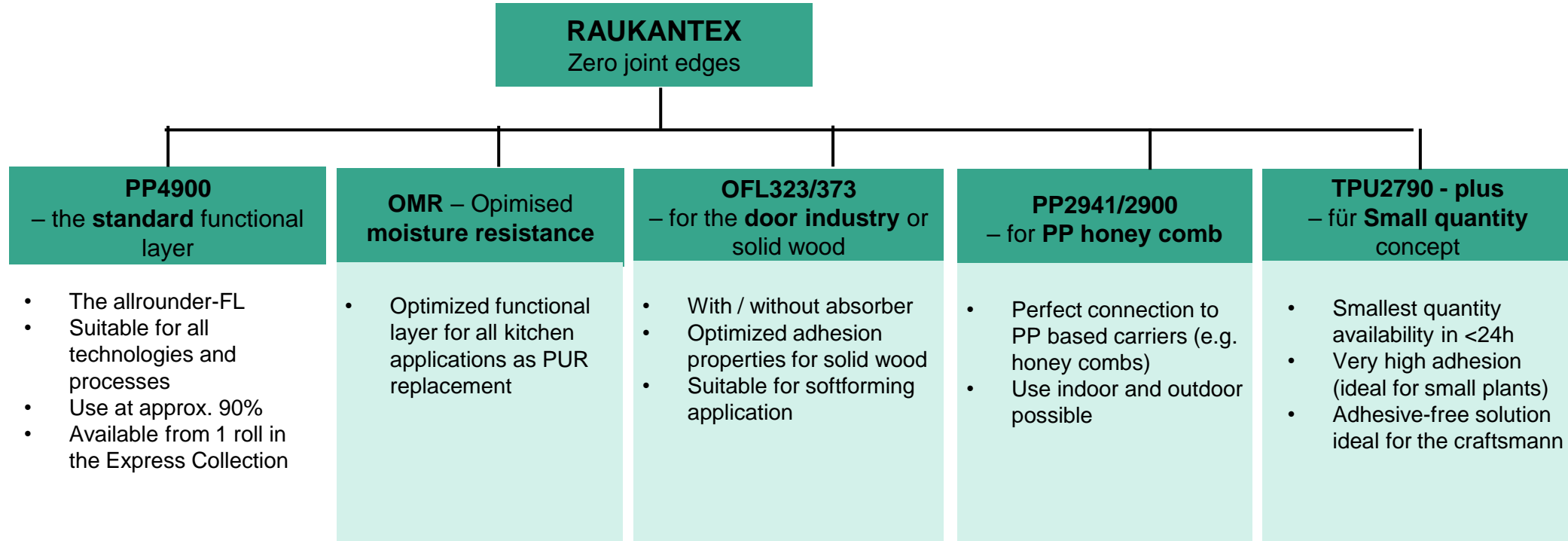
Turnover doubled

since 2016



> 115.000.000
running metres sold
only in europe in 2022

For every requirement the right functional layer



New applications

Special functional layer formulations for new applications

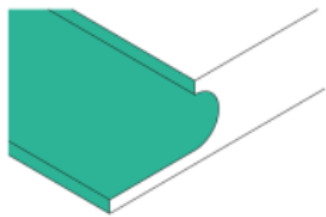
- Edgebanding of acrylic boards
- Edgebanding of honeycomb boards or core based on PP- or PVC-foam
- Lightweight boards for caravanning, boat or technical products
- Folding applications:
 - ✓ Technical products
 - ✓ Outdoor-Kitchens
 - ✓ Transport/Packaging
 - ✓ Automotive
 - ✓ Caravanning
 - ✓ Door rebates



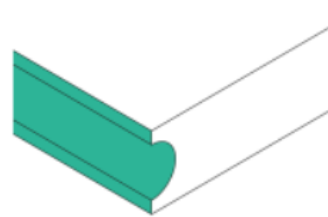
RAUKANTEX folding

For all corners and edges

- The edgeband for special applications → e.g. handleless fronts
- Edge can be deformed in the process → e.g. beveled edges / softforming edge etc.
- Available as PRO and PURE



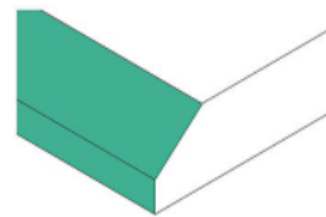
J-shape



C-shape



L-shape / roll form



Roof form



**No paint cracks!
No white fracture!**

RAUKANTEX pigmento

See and feel the difference

Ceramics, concrete, stone: the trend toward structured surfaces continues unabated.

For these furnishings to be enjoyed for many years, they must withstand the rigours of everyday use.



→ This is exactly why we developed RAUKANTEX pigmento.

Perfect match in combination with zero-joint edgebands



RAUKANTEX contura

the country house style edge

- 28 x 3 
- 53 x 3 mm 
- Finish: uni, decor on request,
- without embossing
- from super matt to standard
- in pure and pro

Perfect match in combination with zero-joint edgeband RAUKANTEX pro



A woman with short brown hair, wearing a grey lace-trimmed top, is shown in profile from the side, touching a dark grey cabinet door with her right hand. The background is a bright kitchen with a window, a potted plant, and a bowl on the counter. The overall scene is well-lit and modern.

RAUKANTEX scratch.protect

Optimized surface finish, available in a range
from 3 to 12 gloss level points in ABS and PP

RAUKANTEX scratch.protect



Scratch Resistance

- ✓ High scratch resistance
- ✓ High quality over the component lifetime



Easy Care

- ✓ Easy to clean and insensitive to dirt particles
- ✓ Durable matt look and no optical ageing effects
- ✓ no optical aging effect



Anti-Fingerprint & Soft Touch

- ✓ No markings due to fingerprints
- ✓ Soft touch

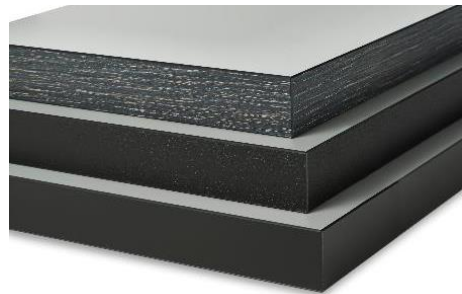
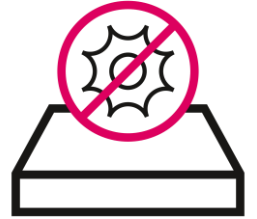


RAUKANTEX scratch.protect



Anti-Sheen-Effect

- ✓ No shining up of the surface in the dull viewing angle
- ✓ Fine, even structure



Easy Processing

- ✓ No "smoothing" of the edge surface by feelers
- ✓ No protective foil necessary
- ✓ Stable and simplified production
- ✓ Available for all processing techniques



#edgeisdigital

The digital edge band

#eid Edge is digital

Digitalization and data exchange via code

- REHAU = Edgeband manufacturer (master and instance data)
 - Data on tag (bar code, 2D-Code)
 - tapio (datas from REHAU customized productions and stock collection)
 - Cloud based solutions (REHAU → Cloud → Customer)
 - Option FTP, EDI, any kind of interfaces etc.



SCAN ME

MK=eiche dunkel;FK=2366Z;L=150;SE=18;SF=N;KB=L;RS348949;B=22.85;D=1.19;
BK=VAT2021-4;RP=103371552;RN=2






#edgeisdigital

Three variants and customized solutions available

BASIC
Master Data

PREMIUM
Master Data

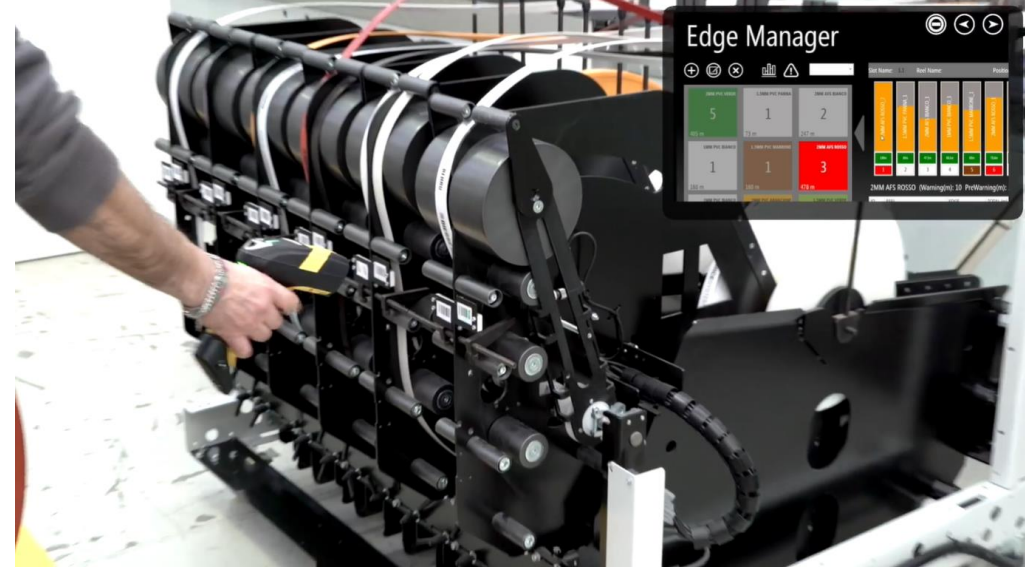
EXCELLENCE
Master / Instance Data

	 „B“	 „P“	 „E“	„I“		
	Example	Präfix	Example	Präfix	Example	Example
Master Data Master ID Customer material number Customer colour Length [m] Specific energy [J/cm ²] Protective foil Edge band type Width [mm] Thickness [mm]	Digits very limited, mostly customer material number for shaft management. e.g. 4-8 digit code	sid mk fk l se sf kb b d	RV19676571003 Eiche dunkel 2366Z 150 18 N HV oder L = Laser 23 1,2	- mk fk l se sf kb - -	- Eiche dunkel 2366Z 150 18 N HV oder L = Laser - -	Only one number for unique identification of the roll on dataMatrix code or RFID tag if applicable. Data transmission then online.
Instance Data Instance ID (unique identifier) ACTUAL width (test interval) ACTUAL thickness (test interval) Customer order number Production order REHAU Roll number				iid b d bk rp rn	RS348949 22,85 (IST) 1,19 (IST) VAT2021-4 103371552 2	RS348949

#edge is digital saves time and money

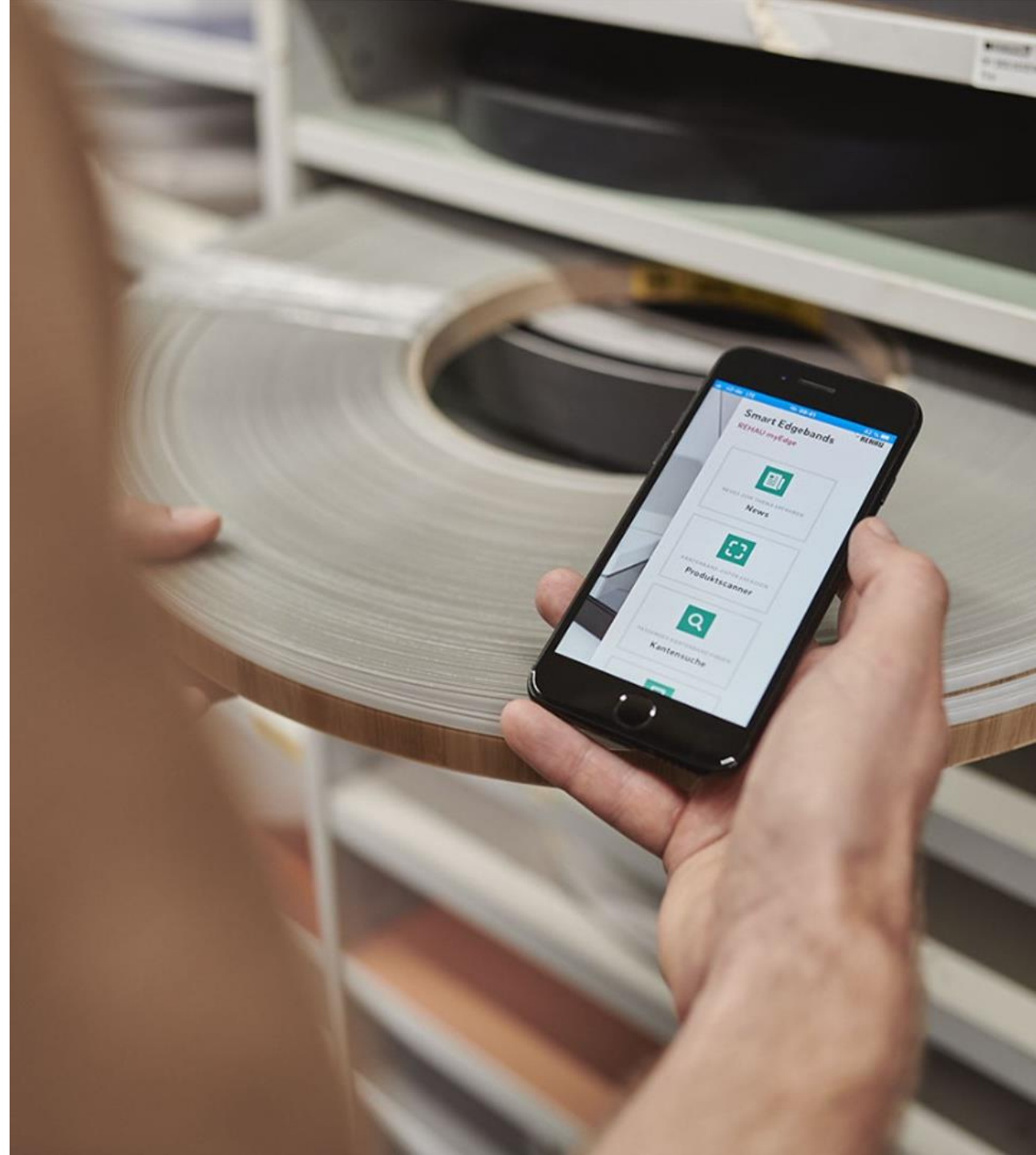
Advantages

- Less manual work and automated production
- Stock levels are always maintained
- No mix-ups, no missing materials
- Higher machine availability
- Keeps an overview of data: in stock and during processing
- Continuous traceability with regard to storage, machine and processing
- “Marriage” of coil with production component at the processor can take place
 - Exact identification of which edgeband is installed on which commission
 - Immediate identification, traceability and blocking of stocks possible (risk minimization)



Engineering progress
Enhancing lives

myEdge the REHAU App



myEdge. Update

- Functions update
- So far available in **DE & EN**
- Translation into other languages
 - **French**
 - **Spanish**
 - **Polish**
 - **etc.**
- Different tools and applications
- More service for our customers

Smart Edgebands



REHAU myEdge



COLLECT EDGEBAND DATA
Product Scanner



FIND THE RIGHT EDGEBAND
Edge Search



CALCULATE METRICS
Edge Calculator



NEWS FROM THE RAUKANTEX
WORLD
RAUKANTEX World



NEED ANY HELP?
Service & Support

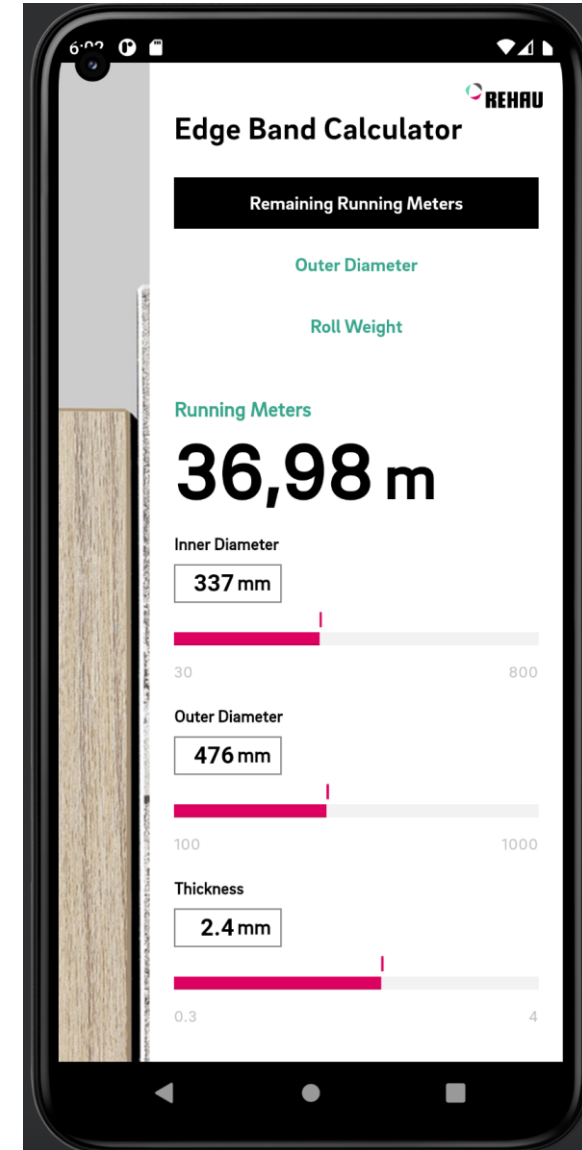
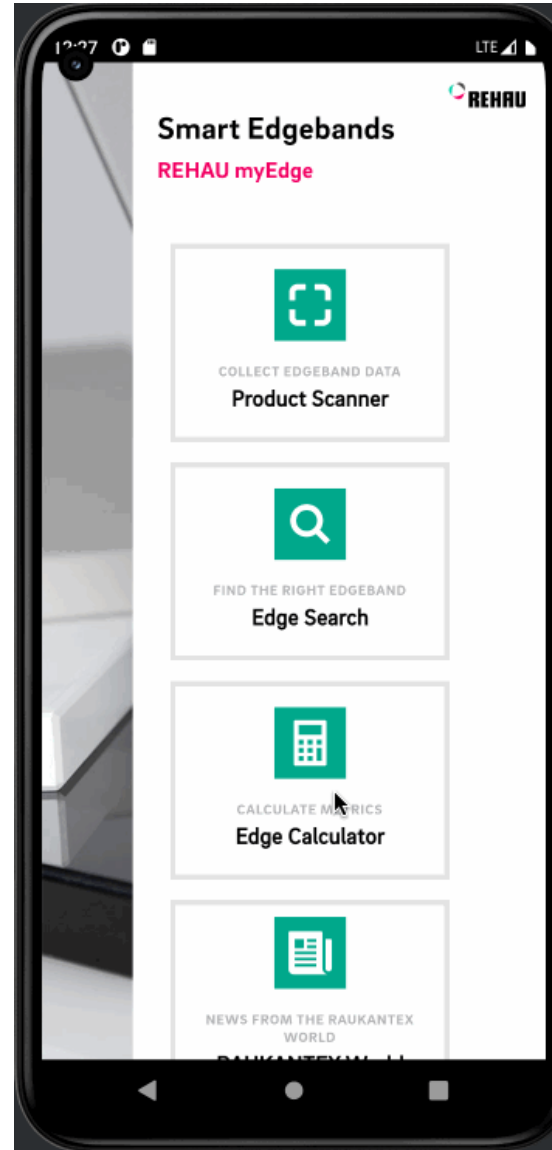


Edge Calucator

Example

Simply calculate remaining running meter, outer diameter or weight of the roll:

App Download options:





Sustainable Edgebands RAUKANTEX eco.protect

RAUKANTEX eco

PP edgeband with **50% post-industrial recycled content**

Processing samples available!



Design, durability & quality analogous to "standard" PP edge

Same machine parameters, no adjustment necessary



Available as:	RAUKANTEX pure, RAUKANTEX pro
Product lines:	RAUKANTEX color, decor, designo
Thickness:	0,4 - 3,0 mm
Widths:	16 - 104 mm
Embossing:	all
Lacquers:	from noble matt to mirror gloss

RAUKANTEX eco-protect- edgebands – ideal in combination with sustainable boards and surface materials



RAUKANTEX evo

Base material (PP) based on non-fossil raw materials. Transparent throughout its entire supply chain thanks to ISCC PLUS certification.

Processing samples available!



Design, durability & quality analogous to "standard" PP edge

Same machine parameters, no adjustment necessary



- | | |
|----------------|---------------------------------|
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RAUKANTEX eco-protect- edgebands – ideal in combination with sustainable boards and surface materials!

Greenhouse potential based on CO₂-emissions

	Standard	RAUKANTEX eco PP	RAUKANTEX evo PP
PP	ca. 1,6 kg CO ₂ e	ca. 1,0 kg CO ₂ e	ca. 0,0 kg CO ₂ e
PVC	ca. 1,8 kg CO ₂ e	-	-
ABS	ca. 3,2 kg CO ₂ e	-	-

Life Cycle Assessment (LCA) study, conducted according to ISO14040:2006 and ISO14044:2006

Edgeband return concept

Redemption of unused edgeband stocks

Edgeband in unprocessed state

The customer returns to the factory, REHAU sorts according to material and color group



Edgeband return concept

Take-back of production waste without extraction

Edgeband remnants, waste from cutting, scraper strands

The customer collects and sends the material to a recycler for machine sorting by material & color and preparation.

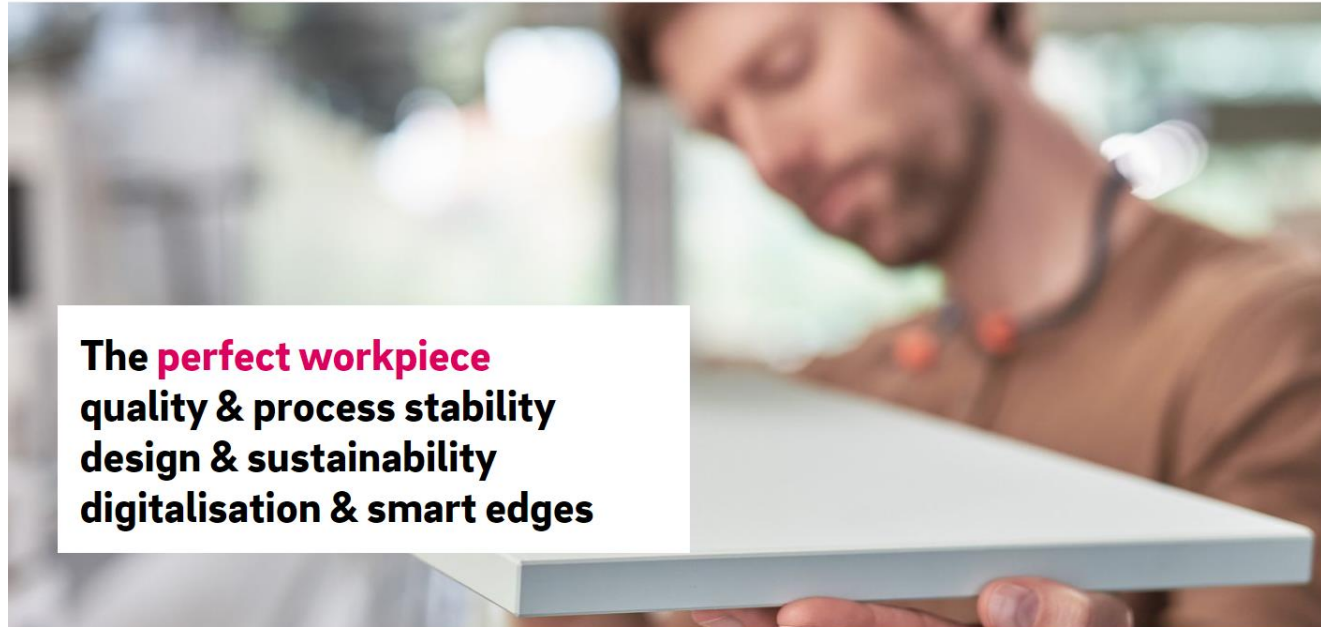
Edgeband return concept

Take-back production waste with suction and compression

Edgeband remnants, waste from cutting, scraper strands + milling chips

The customer requires a separate extraction system for the milling chips, shreds, presses the waste into briquettes and sends them back to REHAU

Find all informations on our landing page...



REHAU Edgeband Symposium
15th June 2023, 12:00 a.m.
at the company BIESSE Spa
Via della Meccanica, 16,
61122 Pesaro PU, Italien



[Edgeband Symposium BIESSE 2023 | REHAU](https://www.rehau.com/sites-en/edgeband-symposium-biesse-2023)
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REHAU

Interior
Solutions