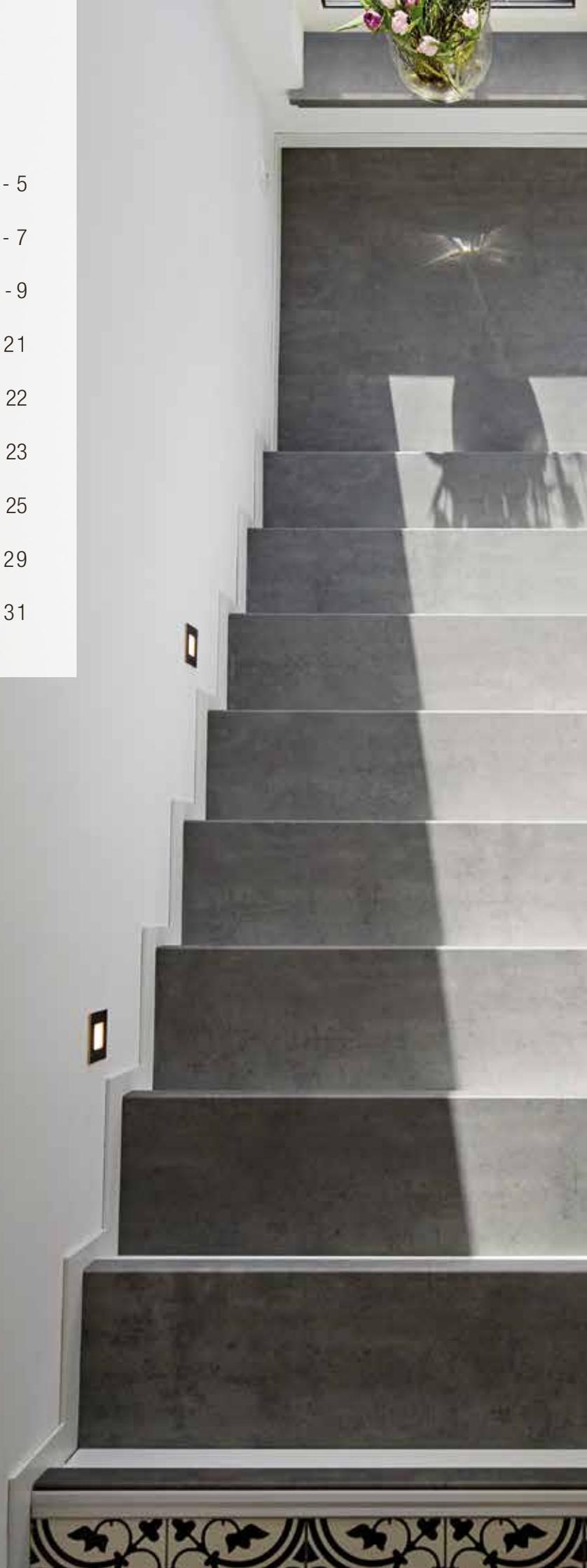


## Businessline



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Take a look at the laying  
video on youtube!

Keyword : „k-stairs / treno“



**NEW**



# Surface

k-stairs product information

## Businessline

**Businessline by k-stairs sets new standards in the field of stair renovation/building.**

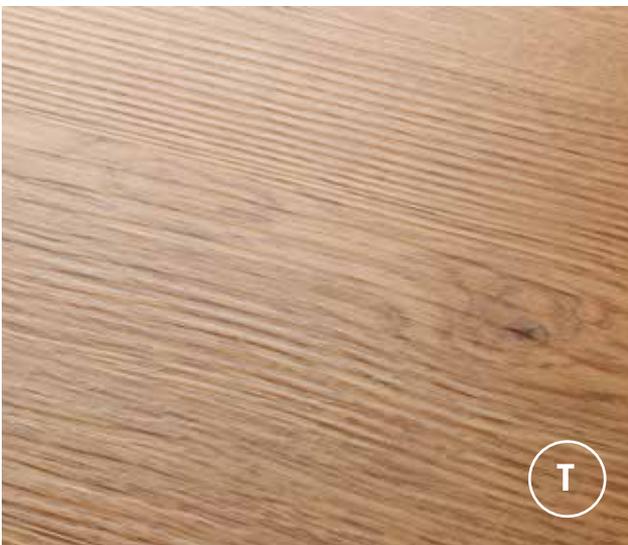
Leading national and international flooring manufacturers have been using this innovative surface in their flooring collection for quite some time.

**We as a manufacturer bring this market penetrating trend onto the stairs!**

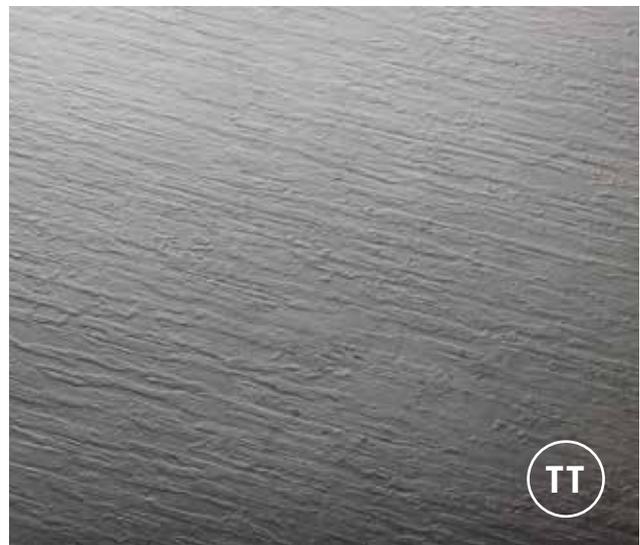
Sustainability and healthy building are becoming increasingly important. The top-layer of the businessline is free from PVC, chlorine and plasticizers. Thanks to ecological coating Profol R2L the surface is extremely hard-wearing, robust and easy to clean. Due to the multi-layer composite, k-stairs step coverings are both elastic and warm to the feet. This increases walking comfort on the stairs and the adjacent corridor, it ensures quiet and better acoustics in the staircase area. The slip-resistant surface provides a pleasant and safe walking feeling. The 3D-effect of the decor gives the surface a deep and distinct decorative sharpness.

## Authentic surface

High-quality decor has authentic surface structures that cannot be distinguished from natural materials by the naked eye. Even wood grains are imitated naturally. These materials, whether in wood or stone look, immediately outdo the natural alternatives in many ways. On the one hand, through the safety aspect with R10 slip-resistant coating (according to the German Institute for Stair Safety) and the easy to care property of the coating. On the other hand, however, also through the authentic haptics and the pure look. We offer a coloridentical solution for the stairs, the flooring, the skirtings and all accessoires.



Timber - T - R10



Timber & Tile - TT - R9

# Surface

## k-stairs product information



### healthy living

harmless to health, as it is free of PVC, chlorine and plasticizers



### easy on the joints

thanks to elastic surface



### silent

high-quality materials reduce room and impact sound



### warm to the feet

pleasantly warm and comfortable for an optimal walking feeling



### suitable for pets

harmless for pets because resistant to scratches



### antistatic

no unpleasant surprises or electrostatic discharges



### hard-wearing

thanks to multi-layer composite



### easy-care

dirt-resistant, easy and quick to clean



### slip-resistant

thanks to an anti-slip coating

## Our steps combine robust and attractive design.

### Healthy living surface

Healthy nutrition and healthy living have long since arrived in society. We follow and promote this trend with our businessline. We use the coating product Profol R2L, which our partner Profol has developed for low-emission multi-layer modular flooring systems. This means no PVC, no chlorine, no plasticizers – neither for the stairs, nor for the floor or the accessories.

**profol**<sup>®</sup>  
Performs

### Everything from a single source

All components of the k-stairs staircase systems offer you a complete solution with absolutely decorative materials. Matching the system, we manufacture material-identical flooring, large-format decorative panel and various skirtings. This is the only way we can ensure that everything is from a single source, from the entrance to the stairs to the platform surface to the further floor area.



True to our motto:

**Stairs in perfection!**

## k-stairs safety

what happens if...

**This might happen to anyone. Go upstairs with a bottle of glass in your hand...**

**... You stumble and the bottle falls down ...**

# k-stairs safety

what happens if...

## k-stairs surface

The businessline surface is absolutely tear-resistant and shockproof. The impact of a falling bottle leads just to a little unevenness how you know it from massive wood. The covering stays closed and secure.



## Block steps made out of CPL-/HPL-surfaces

CPL-/HPL-surfaces distinguish through their hardness. But by an impact of a hard object the surface might break and is destroyed permanently. The damage is irreversible. After a time there will be dirty edges and moisture will penetrate.



## Tile steps with joints

Tiles convey a cool optic and haptic. By an impact of a glass bottle onto the hard surface the tiles will shatter and generate sharp edges. There must follow an elaborate exchange of the destroyed tile.



## Vinyl steps with aluminium profile

Vinyl steps made out of planks will have butt joints in front and by the side of the planks. Will fall a bottle onto the steps and hit a joint this might open a bit and so water or moisture will lead to upcoming edges. Such detachments will increase the risk of falling.



# Staircase system - block steps



## Uncompromisingly good ...

Besides quality, two points are of major importance to us!



### Optics/Design:

- An absolutely authentic-looking surface sets standards through brilliant decor depth and haptics.
- From the tread to the front edge up to the underside, all steps have a continuous surface.
- The shapely and secure leading layout design fits into the design concept of the staircase.
- Edges on the sides in end-grain look provide a perfect finish.

### Safety:

- safe and pleasant use due to a 6 mm radius at the front edge of the step
- continuous, full-surface slip resistance R9/R10
- Increased break resistance due to solid carrier plate.
- prevents unpleasant creaking with inserted mortised stringer staircase



### Sustainable and resource-conserving

Finger-jointed Glued wood panels are a sustainable and resource-conserving core board. For the production of these massive panels there can be used shorter peaces of wood, so it is very efficient to use nearly all of a tree.

### Traffic category



Suitable for commercial areas with intensive use, according to category AC 5

All k-stairs Businessline staircases meet the requirements norm EN 16511



Anti-slip surface R9/R10

Stain resistant

Colour-fast

Suitable for use on underfloor heating (warm water systems)

impact sound

Impact resistant

Resistant against impact stress

# Staircase system - step elements



## Traffic category



Suitable for commercial areas with intensive use, according to category AC 5

All k-stairs Businessline staircases meet the requirements norm EN 16511



Anti-slip surface R9/R10



Stain resistant



Colour-fast



Suitable for use on underfloor heating (warm water systems)



Impact sound



Impact resistant



Resistant against impact stress

# Stringer staircase

k-stairs impressions



Product used: Sand oak

# Two-rail staircase

k-stairs impressions



Product used: Country house oak

# Flat steel stairs

k-stairs impressions



Product used: Loft light

# Concrete stairs

k-stairs impressions



Product used: Dark smoked oak

# Concrete stairs

k-stairs impressions



# HPL thin-wall staircase

k-stairs impressions



Product used: Bleached oak



For a color adjusted handrail we suggest oils by the company Rubio Monocoat.

# Concrete stairs

k-stairs impressions



# Concrete stairs

k-stairs impressions



Product used: Bleached oak



Modern flushed  
brainwood side panel

# Stringer staircase

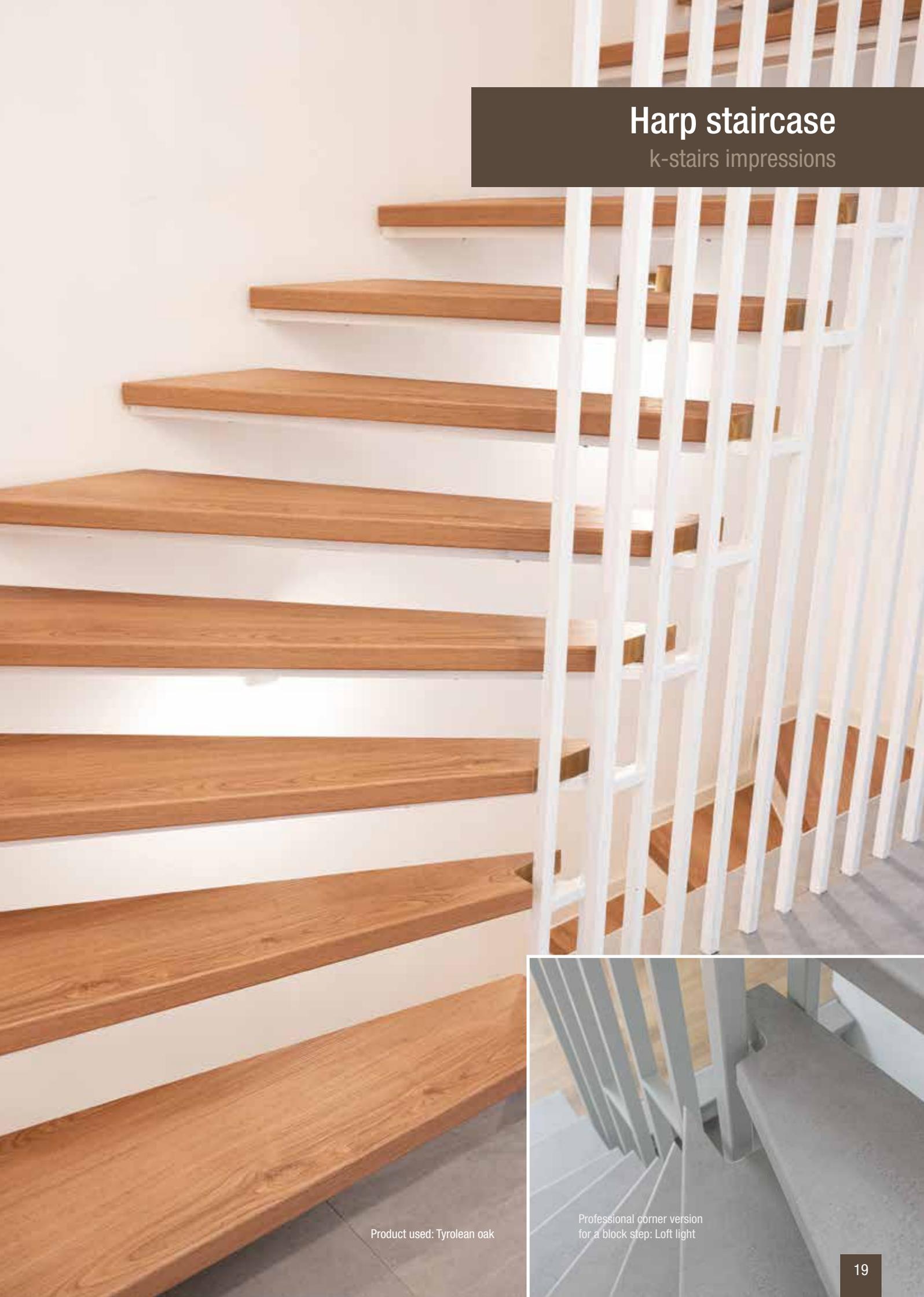
k-stairs impressions



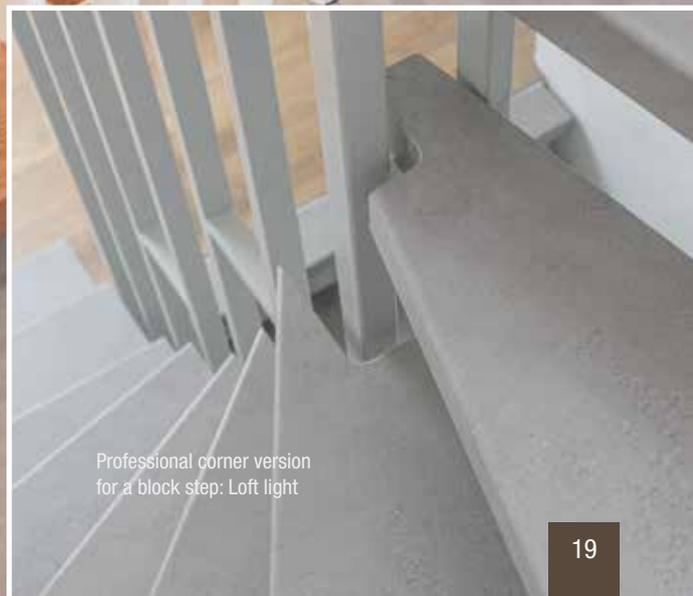
Product used: Dark smoked oak

# Harp staircase

k-stairs impressions



Product used: Tyrolean oak



Professional corner version  
for a block step: Loft light

# Concrete stairs

k-stairs impressions



# Concrete stairs

k-stairs impressions



Product used: Loft light

modern  
flushed  
side panel

# Block steps

k-stairs product information

## Businessline block steps - product range

Precisely according to your templates or electronic data, we manufacture the complete steps in an assembly-friendly manner. It does not matter whether it is a straight or a drawn step. Whether corner cut-out or rounding. All components are ready for assembly, from the staircase entrance to the landing to the stair exit.

For a long time, the staircase was only a functional object and served as a connection between two or more floors. This has changed drastically in the meantime. Whether new construction or after renovation, the staircase plays an important role in interior design. The staircase is the calling card of her house. Often it is the first thing you see when you enter the property and the last thing you see when you leave it. Thus, the staircase is of particular importance.

These steps are produced in the usual "k-stairs Businessline" quality with authentic surfaces according to your specifications. This allows you to adapt the stairs to their individual ideas and the current living ambience.

Block steps made from a sustainable, resource-conserving core board are simply more beautiful, more ecological and, above all, healthier to live with.



# Step elements

k-stairs product information

## Businessline step elements - product range

- steps in 5 lengths / cut optimisation
- steps in 4 depths / all possibilities
- Flooring
- skirting
- decorative panels

**Whether concrete stairs or wooden stairs, they all lose their beauty and safety due to years of intensive use.**

For this reason, it is recommended to renovate your staircase. Ideally suited are our businessline step elements, which takes the aspects of beauty, due to the decor selection and feel, as well as safety by means of pronounced slip resistance. Thanks to our extensive range, you can redesign spiral, straight and stairs with intermediate platforms. With our 12 exclusive decors, you have the opportunity to bring your current living trend to the stairs. Decor-identical accessories such as flooring and decorative panels also give you a variety of applications in the design of the adjacent floor areas.



# Decors



Fjord oak - Decor-no.: 1317



Sand oak - Decor-no.: 1316



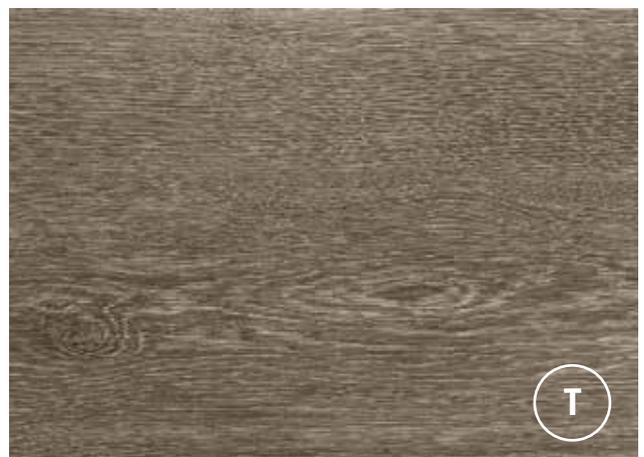
Country house oak - Decor-no.: 1321



Tyrolean oak - Decor-no.: 1336



Castle oak - Decor-no.: 1320



Dark smoked oak - Decor-no.: 1334



Bleached oak - Decor-no.: 1335



Northland oak - Decor-no.: 1337



Concrete grey - Decor-no.: 1340



Concrete anthracite - Decor-no.: 1341

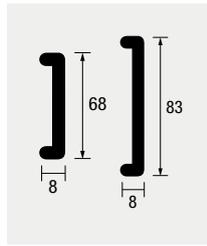


Loft light - Decor-no.: 1339



Loft grey - Decor-no.: 1338

# k-stairs accessories

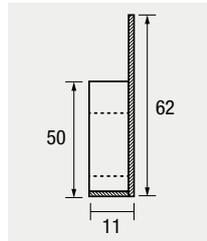


## U-profile 8/68 and 8/83

You can use U-profiles to give open staircases a finish that's identical to the decor at the back, but these strips can also be used to cover strings in no time at all.

Size: 8 x 68 x 2700 mm

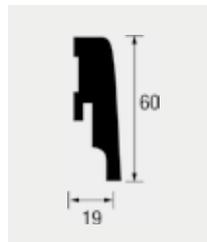
Size: 8 x 83 x 2700 mm



## Side panel/ brainwood side panel

The side panel with precision milled grooves can be used on both sides - the perfect solution for the side closure of the open step. For the cut edge of the risers use the WL 8 x 20

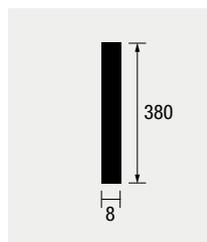
Size: 11 x 62 x 500 mm



## AFL 19 / 60 laminate skirting

The ideal solution for landing or areas in which you are laying k-stairs flooring with an identical decor to the staircase. The understated, high-quality look gives you an attractive wall termination.

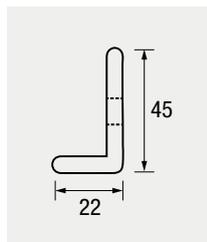
Size: 19 x 60 x 2700 mm



## Stringboard

An ideal solution for covering the string using a stringboard identical to the decor. Highly abrasion-resistant, scratch-resistant and wear-resistant, to give you an attractive solution that keeps its value.

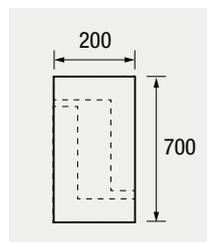
Size: 8 x 380 x 2800 mm



## LED strip 22 /45

Identical to the angle strip 22 /45 in terms of profile, this strip delivers a decisive advantage: using the pre-made milling groove enables the LED staircase lightning to be integrated so that it cannot be seen.

Size: 22 x 45 x 1350 mm

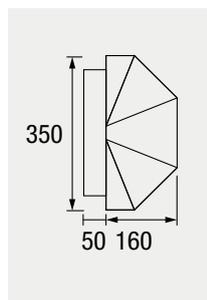


## Wiping strip / wall strip

(with surrounding matching ABS edge strip)

This product is available in all our businessline decors. With the wiping and wall strip you get a perfect wall finish. From the 200 x 700 format cut 2 wiping strips.

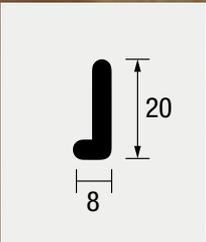
Size: 8 x 200 x 700 mm



## First step

A perfectly finished first step is an eye catcher and at the same time extremely difficult to achieve. The precise prefabricated elements give you a high-quality and elegant appearance.

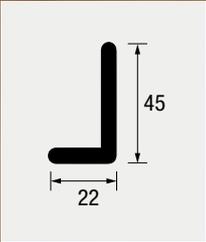
Size: Pentagonal 350 x 160 x 200 mm



**Corner fillet 8 /20**

The "small" corner fillet is the ideal solution to cover lateral cutting edges and open stairs.

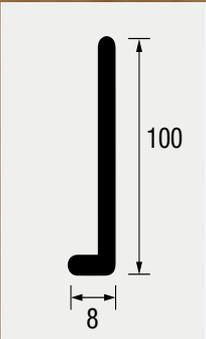
Size: 8 x 20 x 2700 mm



**Corner fillet 22 / 45**

Corner fillet for the step bottom and installation aid. Perfectly prepared staircase elements allow a precise installation of the corner fillet 22/45.

Size: 22 x 45 x 2700 mm



**Corner fillet 8/100**

Our „big one“ covers pretty much everything. Whether it is the cheek or unsightly concrete chips. This product gives you many options.

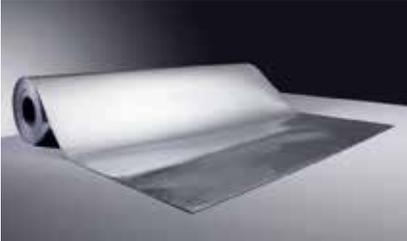
Size: 8 x 100 x 2700 mm

# k-stairs accessories



## k-stairs flooring

For all businessline decors, k-stairs offers flooring that is 100% identical in structure and decor. This enables us to ensure that the transition from the staircase to the adjoining hallway looks like a single piece. We manufacture our floors with patented and easy-to-install click system.



## k-stairs insulating underlay

This high-quality underlay ensures an excellent reduction in walking and footfall sound. The integrated vapor barrier provides additional protection.



## Decorative skirting board corners

Our skirting board corners not only look decorative, they also ensure a lasting attractive appearance. An outside corner in particular would quickly lose its charm without the protection of the cap due to the inevitable bumps from the vacuum cleaner. The plug-in system of the cap eliminates the time-consuming mitre cut.



## Suitable LED light system

Light is an essential design element that can be wonderfully integrated into any staircase. Whether in wall or the step, the k-stairs lighting system creates atmosphere and safety.



## Landing step with click system

This step enables you to make a smooth transition from the stairs to the landing or the adjoining corridor area. The decorative flooring is continued flush with the surface.



## Stair head for clic flooring

Depending on the area of application, the transition into the landing or the stair tread should be visually highlighted. With this discreet, visible aluminum profile and the 8 mm insertion pocket, the flooring can be continued.



## Stair head with Aluminum profile

At some point, even the most beautiful staircase comes to an end. This profile is the end of the staircase, with the decorative front edge still belonging to the staircase, while the aluminum profile is flush with the existing floor covering.

# Use our competence as a manufacturer of decorative products for the interior design!

To realise your ideas and projects we offer you a wide range of technical opportunities and individual solutions.



## Color identical wall cover

Identical color for the Staircase system – that is k-stairs. We produce according to your individual plans a wall cover in the same color like the steps – to support your overall colorconcept.



## Decor plates

The large format of the color identical decor plate offers a variety of applications. To cover the stair eye, to create ideal solution for the covering of the string or just as an accent element – with the decor plate you have many options.

Size: 8 x 1235 x 2800 mm



Decor: Loft light

We offer you decorative flooring for your entrance hall.



Folded plat staircase



Color variations for the riser

Bring your individual accent to the riser from left to right: Color identical, black, stainless steel, white

# Company

## Grown from decades of experience

trenovo Treppensysteme e.K. is based on more than 50 years of company history of BHK Holz- und Kunststoff KG in Büren. At the beginning of 2000, BHK first developed a stair profile based on laminate flooring for large-scale marketing. In 2011, the wrapped stair tread was developed as a trenovo stair renovation system for professional installers and then expanded to a complete system for renovation and new construction over the following decade. Our products are industrially produced at our sites in Büren (NRW) and Saalburg-Ebersdorf (Thuringia). Due to the international orientation, the staircase systems will be marketed under the brand k-stairs from 2025.

The complete solution for new buildings and renovations offers professionalism right to the last detail, whether in terms of materials, workmanship or appearance. Our company offers you as a customer the highest quality assurance, flexible response times, short communication channels and sophisticated logistics thanks to our sister company Heinrich Kottmann Spedition GmbH & Co. KG, which delivers to the construction site throughout Germany with 40 trucks and connected general cargo networks.



Michael Rennkamp

Heinz Kottmann



Scan QR-Code and view the video of the new production line

## Naturally environmentally conscious

At k-stairs, we feel committed as people and as a company to doing everything we can to conserve our resources and protect our environment. The k-stairs staircase system is therefore produced with the utmost care and responsibility for nature. When selecting the materials, we make sure that they are high quality, durable, natural and environmentally friendly.

We use wood-based materials and woods that come from sustainable forestry. On request, you can obtain all k-stairs materials also PEFC certified. Our core values have a system. That is why we regularly have compliance with environmental protection guidelines, product quality and occupational safety in our factories. We recover wood residues in our own modern wood-fired heating plant to supply heat and the new PV system provides us with sufficient solar power.







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