

STEPWOOD

THE COMPLETE RANGE 2021

WE SUPPLY WOOD PERFECTION IN SERIES.



KOLAR
WOOD ELEMENTS



Nature and design – a perfect combination

Due to the high demand and many special requests, the STEPWOOD® range has been expanded. In this brochure we present

STEPWOOD®

- › Original
- › Carbon
- › Light
- › Cubus
- › Reclaimed Lumber
- › Natural
- › Acoustic
- › Balance
- › Special Design
- › Assembly

A wide range of fittings in exclusive interior design

- › Living Areas
- › Dining Facilities
- › Hotels
- › Shopfitting
- › Office
- › Furniture





STEPWOOD®

The design panel STEPWOOD® is a creative design of solid wooden slats, which are staggered in order to create a unique 3D effect. It is a perfect combination of nature and design and easy to mount.

STEPWOOD® creates a substantial contribution to the idea of Healthy Living. It is scientifically proven that stress levels are much lower in areas with solid wood. The heart beats more calmly in this environment because the air contains more negatively charged ions, which affects the heart rate. In addition, scientific studies have shown that bacteria die off on wood faster than on, for example, plastic.

STEPWOOD® is made entirely of high quality and slow-dried wood. Colour and structural differences distinguish this material and therefore underline the overall appearance. STEPWOOD® has been designed for indoor use.





© Joachim Grothus, Bielefeld

STEPWOOD® Original

The combination of high quality wood and natural design makes STEPWOOD® ideal for shopfitting, interior design and other furnishing projects. The panels add striking visual touches to walls, furniture and fixtures.

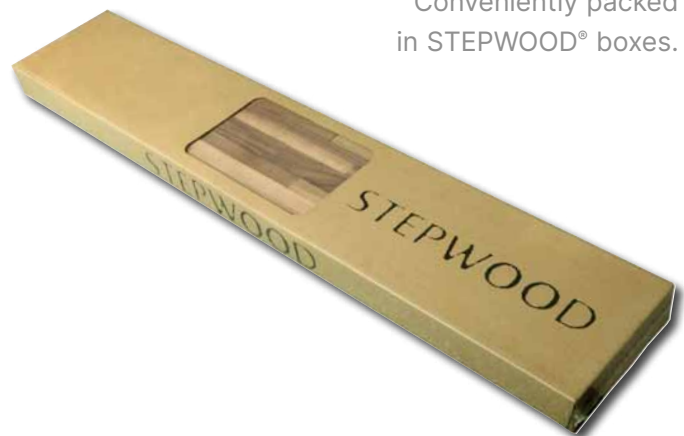
From modern to rustic, different effects can be achieved, depending on whether the lamination is brushed, sanded or limed, matt lacquered, oiled or left as natural.

The panels are grooved on all sides and can be used horizontally or vertically. Depending on the surface, the panels can be glued or screwed to a mounting profile. Metal clips ensure the stable connection of the panels to each other and skirting in matching wood provides a shapely finish.

The panels are fully grooved for easy assembly with our STEPWOOD®-mounting equipment.



Conveniently packed in STEPWOOD® boxes.



STEPWOOD® original panels are usually laid end to end. By request, we can manufacture the panels with Rapport for a perfect, smooth crossover.



STEPWOOD® Original

Stock Items

Choose STEPWOOD® Original from a variety of designs. Different surfaces, structures, finishes and colours – according to your taste and purpose of use. The wide range of our STEPWOOD® program offers the perfect solution for each project.



Stepwood® Original Panels are L 1250 x W 219 mm and are grooved on all sides. All panels on this page are readily available from our warehouse in raw surface or lacquered - minimum 1 box. For all further technical details, please see page 26.

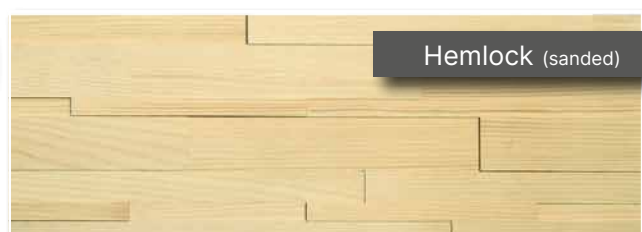
STEPWOOD® Original

Stock Items

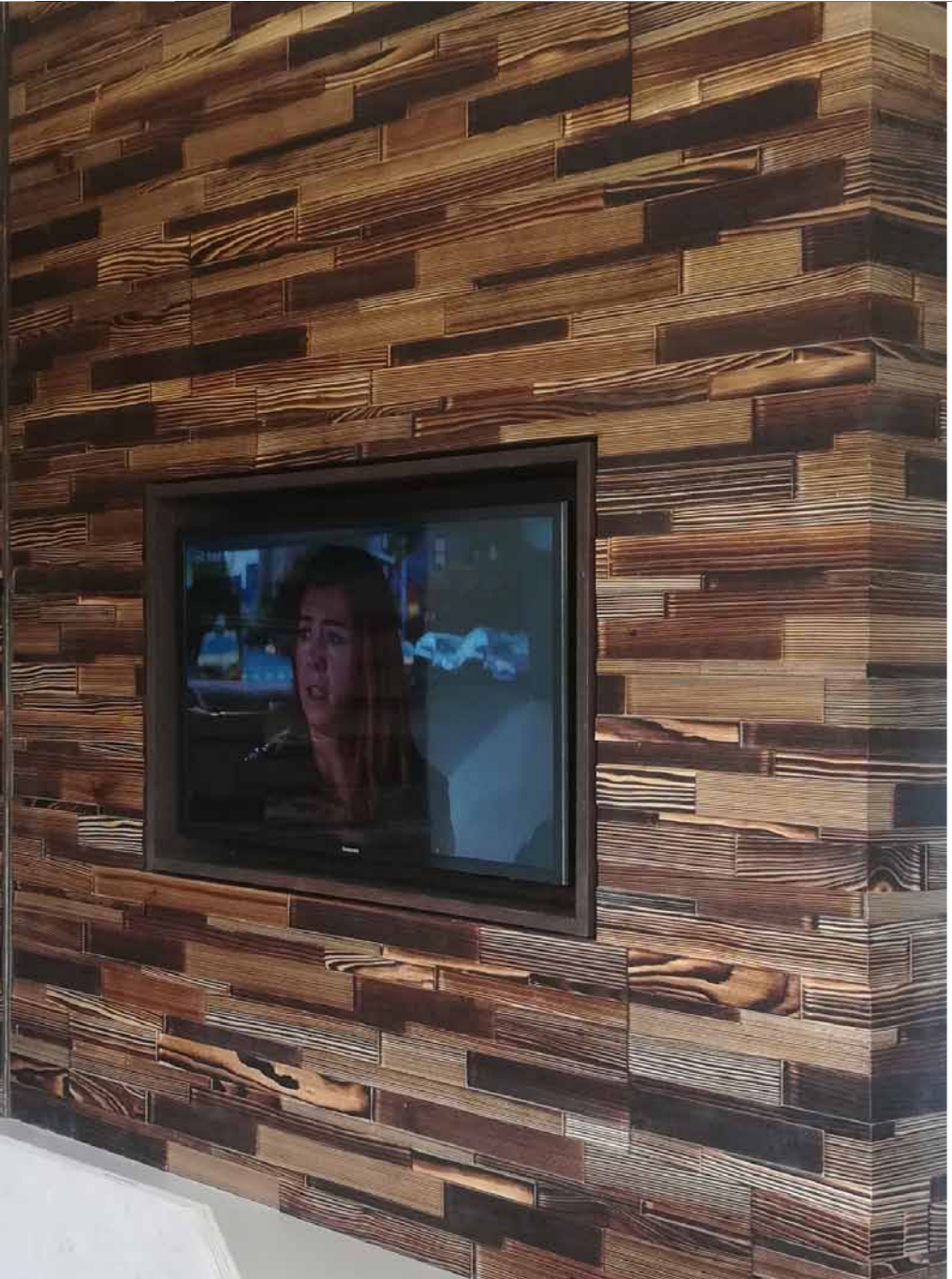


Special Timbers & Surfaces

Stained and / or lacquered surfaces help to facilitate your individual and creative designs. The applications are varied. Minimum order quantity for surface treated oak or spruce panels is 27 m² (100 panels).



The panels of STEPWOOD® Original have a size of L 1250 x W 219 mm and are grooved on all sides.
For all further technical details see page 26.



STEPWOOD® Carbon

... the charred wooden surface

We present the innovation of our solid wood panel STEPWOOD® with a charred wooden surface in two versions - carbon with slight traces of charring, as well as carbon black with strong charring characteristics.

Create eye-catching accents, for example in shop fitting, restaurants or wherever design and nature are a theme.

STEPWOOD® Carbon is a STEPWOOD® Original spruce panel that has been flamed and sealed. Carrier material is a 6 mm MDF board, grooved all round. The panels can be combined with other STEPWOOD® Original panels and our mounting accessories.



The panels of STEPWOOD® Carbon have a size of L 1250 x W 219 mm and are grooved on all sides.
For all further technical details see page 26.



STEPWOOD® Light

... the flexible alternative

As a long standing supplier for many years to various firms manufacturing furniture or to shop fitters and other Interior designers, we often develop new STEPWOOD® panels for various areas of use and a broad range of demands.

STEPWOOD® Light is thin(ner) and more flexible. The solid wooden slats have a fleece backing and can be fitted to finished surfaces as well as to furniture and doors.

The thin carrier material blends perfectly with your work piece. It may even be used for bent elements.

STEPWOOD® Light was awarded with the Interzum Award intelligent material and design 2013 for high product quality.



walnut sanded SWL.NGSR



oak brushed SWL.EGR



oak sanded SWL.EGSR



**interzum award:
intelligent
material & design
2013**

STEPWOOD® Light on fleece is available in L 1250 x W 219 mm. For all other technical details, please see page 26.



STEPWOOD® Cubus

... the cubed surface

STEPWOOD® Cubus impresses with its cubic composition. Here the slats are not elongated, but show square steps in three different heights. The individual slats have a size of 50×50mm.

The carrier material is an 8 mm MDF panel as standard, grooved all round for quick and easy installation with STEPWOOD® mounting material. Panel size: L 1,250 x W 200 mm, max. thickness: 19 mm (MDF). Another stock item is Cubus on fleece, so it can be used as, for example, pillar cladding or similar. The panel on carrier fleece has a thickness of 11 mm

Alternatively, we produce STEPWOOD® Cubus with a 16 mm blockboard as a carrier. The panel size is 1,300 × 300 mm, with a maximum panel thickness of 25 mm. We will gladly produce for you from 80 panels on (approx. 31 m²).



The panels of STEPWOOD® Cubus have a size of L 1250 x W 200 mm and are grooved on all sides. For all further technical details see page 26.



© Martin Matzer/www.mane.photo



STEPWOOD® reclaimed lumber ... from old to new

Nowadays design panels in reclaimed timber is a must-have, and not without reason, as it gives premises a very special character.

Signs of wear, and natural weathering are responsible for the unique, original surfaces. The STEPWOOD® reclaimed timber panels are of high quality, ecologically valuable, with durability and sustainability.

We offer STEPWOOD® reclaimed timber solely in wood type Spruce sunburned raw. All the STEPWOOD® reclaimed timber slats are equal in width - as opposed to STEPWOOD® original.

To see how different and natural the various panels might look, please take a look at the pictures below. The unique character of this wood processing fascinates and excites along with encouraging new design ideas.



UPCYCLING



STEPWOOD® reclaimed lumber are L 1250 x W 220 mm and are grooved on all sides.
For all other technical details, please see page 26.



© Van Eijk Meubel-Interieurbouw



STEPWOOD® Natural

... naturally wild

Each wooden slat has individual character and the rustic split wood surface highlights pronounced wooden structures. The slats are different in width, length and strength and have the familiar appearance of 3D-STEPWOOD®.

The panels can be quickly and easily processed thanks to the lengthways notch and to their 'rapport' finish on both sides of the panels. Therefore, seamless overlapping without visible joining is guaranteed.

STEPWOOD® Natural places particular value in its association with natural waxes and oils.

In addition to the stock items oak raw and oak oiled on walnut, we offer oak oiled natural and other special colours.



Oak raw SWN.ER



Oak oiled „walnut“ SWN.EON

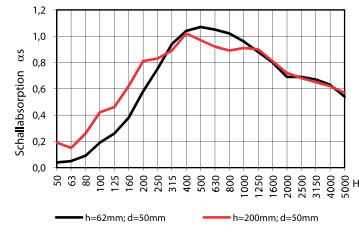


Oak oiled natural SWN.EO

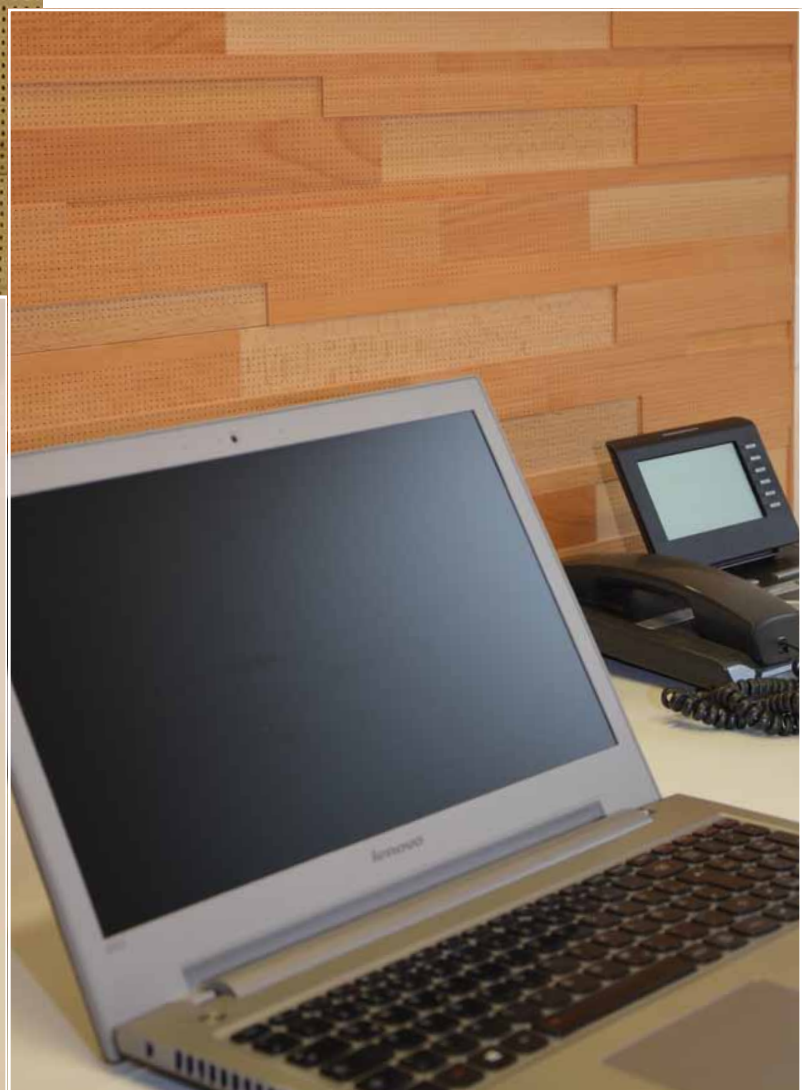
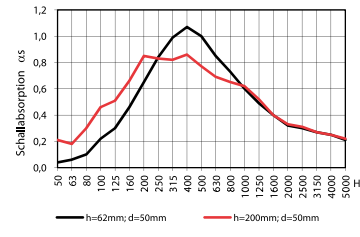
STEPWOOD® Natural Panels are L 1250 x W 219 mm and are grooved lengthways.
For further technical details, please see page 26.



STEPWOOD® Acoustic SWAK.B2R4



STEPWOOD® Acoustic SWAK.B1R4



STEPWOOD® Acoustic

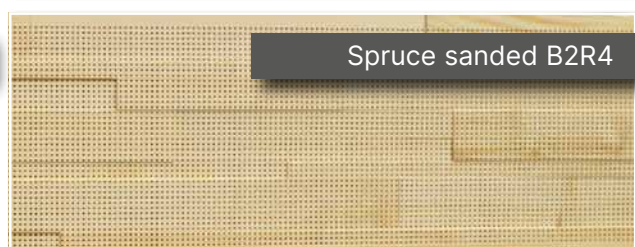
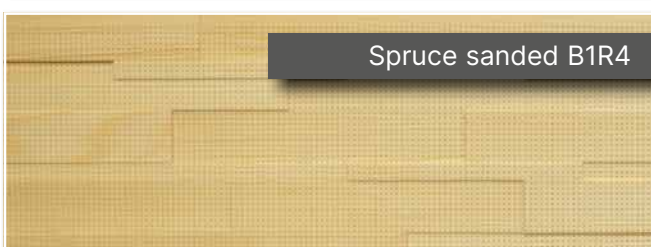
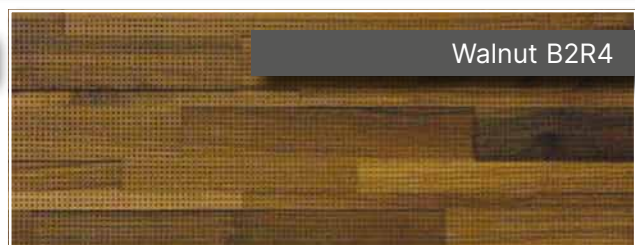
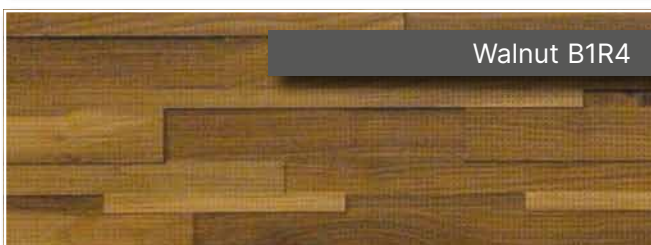
Benefits for eyes & ears

The STEPWOOD® design panel allows you to give a room high-quality and individual character. In combination with the different drilled holes, you are able to achieve an ideal acoustic solution. We combine design, nature and function, and we are sure to offer you the right type for your project!

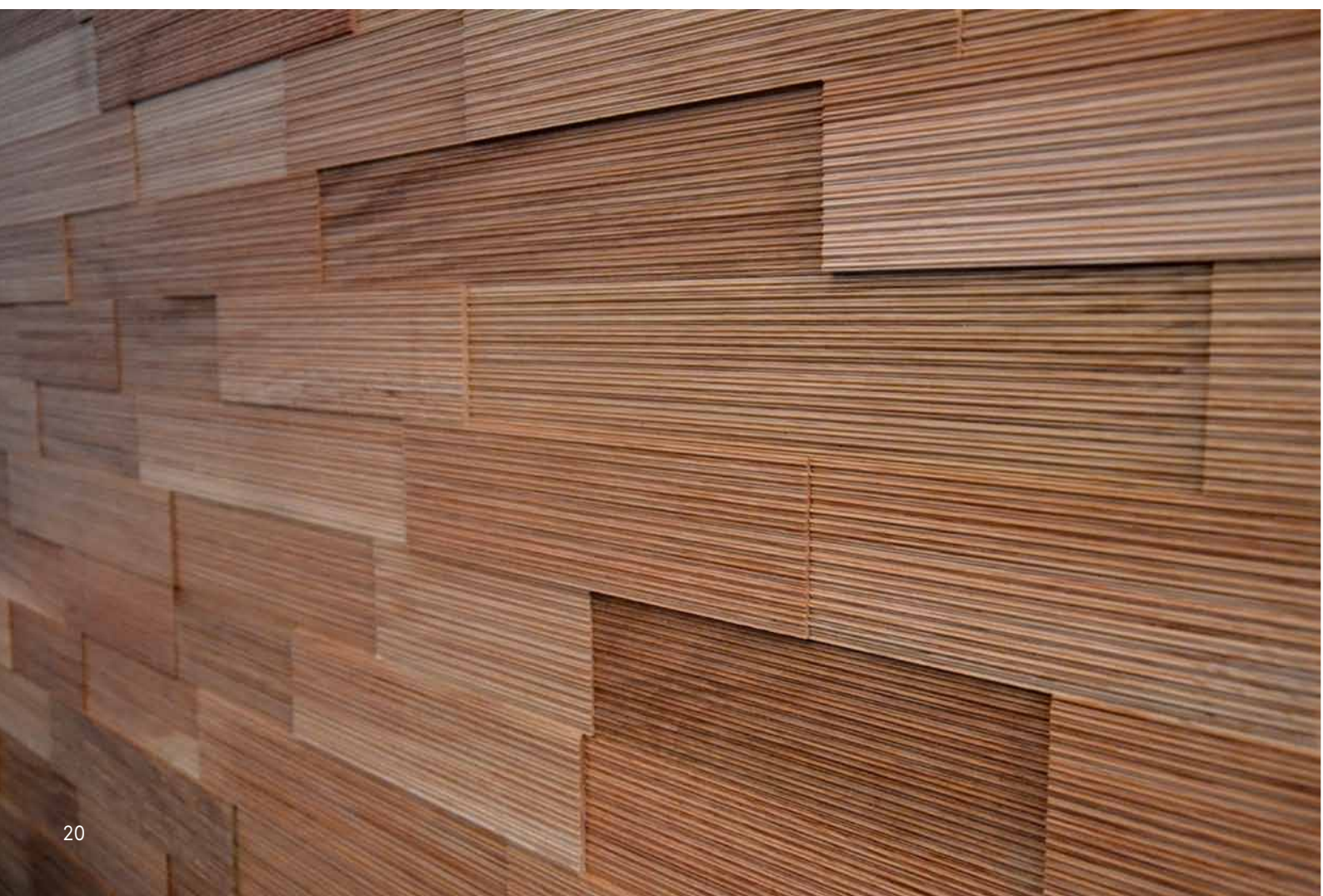
STEPWOOD® already improves noise levels through its stepped surface in comparison to smooth surfaces. Through visually stunning all-over holes, we have created the basis of good sound absorption. On request we will happily send the **TÜV test report** on the acoustic properties.



awarded with the Interzum Award Intelligent material and design 2015 for high product quality



The STEPWOOD® Acoustic panels are L 1250 x W 219 mm and are grooved on all sides. The surface is always sanded and painted. Backed with acoustic fleece in black. The absorption value is determined by the construction height and the insulating material. For all further technical details see page 26.



STEPWOOD® Balance

... the elegant line

We present a new surface characterized by a straight and elegant alignment with solid wooden slats: all with the same, balanced proportions. The regularly profiled surface allows a glossy finish.

STEPWOOD® Balance standard panels are with a 'rapport' finish: interlocking borders - this enables you to create a smooth interconnection. Spruce, oak and walnut are available to choose from.

We produce STEPWOOD® Balance in quantities of at least 100 panels (25m²).



Oak (lacquered) SWB.EL



Spruce (lacquered) SWB.FL



Walnut (lacquered) SWB.NL

STEPWOOD® Balance Panels are L 1250 x W 219 mm and are grooved lengthways.
For further technical details, please see page 26

Special designs and individual solutions

We are specialists in special design. We find the perfect solution for individual needs and various areas of use.

Different carrier materials, various thicknesses and special surfaces are available.

We offer special orders from 100m².

Special surfaces

e.g. STEPWOOD® Vintage stained with various colour effects.



Special design or size



STEPWOOD® as a "maxi-panel" (picture above: 1800×350×16mm) in comparison to the standard panel (1250×219×12mm, picture below)



STEPWOOD® in **wellness areas** can be custom made with different types of wood, support materials (picture shows carrier with chipboard) and adhesive systems. This can be achieved according to customer requirements.



STEPWOOD® used in sauna cabins from the company Vital Trend s.r.o.

For each project the fitting version



STEPWOOD® Mounting | M

Detailed installation instructions and a short video can be found at www.kolar.at/Downloads

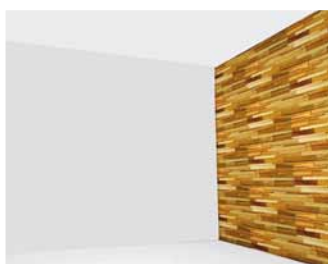


STEPWOOD® is suitable for use in interior design. Mounting depends on the application and number of panels. Panels can be glued or screwed on to a dry and clean surface.

STEPWOOD® panels can be machine cut with general tools for wood. The panels can be milled, drilled and sanded. Use new or well-sharpened tools. High cutting speed and a fast cutting sequence should be avoided.

STEPWOOD® panels can be mounted horizontally or vertically. It is important that the panels are adjusted to room temperature before processing.

STEPWOOD® can be used:



on a wall



on several adjoining walls



on the ceiling

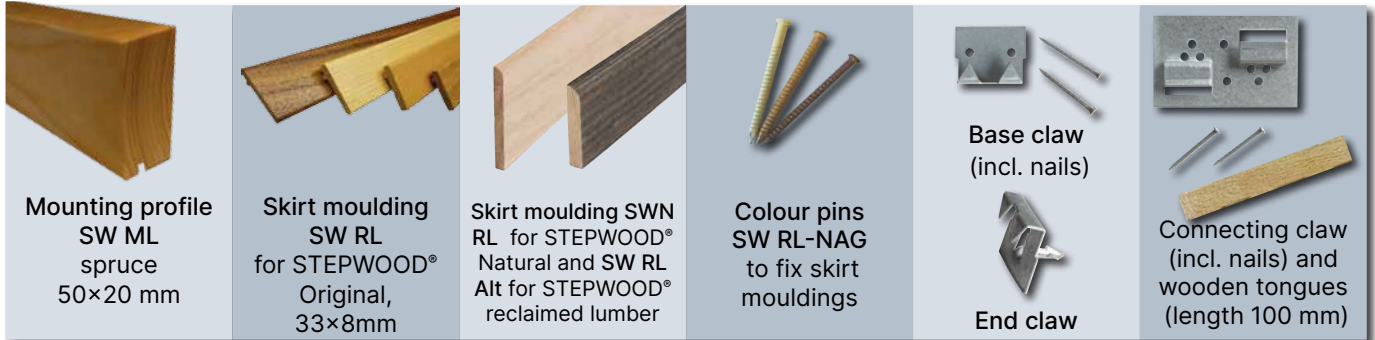


on walls and ceilings



For wide applications, please note that the panels are offset one above the other.

Mounting Equipment



Mounting profile
SW ML
spruce
50×20 mm

Skirt moulding
SW RL
for STEPWOOD®
Original,
33×8mm

Skirt moulding SWN
RL for STEPWOOD®
Natural and SW RL
Alt for STEPWOOD®
reclaimed lumber

Colour pins
SW RL-NAG
to fix skirt
mouldings

Base claw
(incl. nails)

End claw

Connecting claw
(incl. nails) and
wooden tongues
(length 100 mm)

Claw set SW KR

each 3 pcs

20 pcs + 10 pcs

You can use our mounting accessories
for all STEPWOOD® types
(exception: STEPWOOD® on a fleece carrier)



Wooden tongues are inserted like the connection claw into the groove between the panels, giving better stability. For outside walls we recommend that ventilation between the wall and the panels is arranged.

Mounting with mounting profile (spruce), skirting in matching wood and metal brackets. Each panel is grooved for the use of metal clips.



STEPWOOD® Overview

Page	Type	panel size L x W mm	thick- ness in mm	covered surface per panel in m ²	weight per panel in kg	rapport finish	pieces per box	covered surface per box in m ²	minimum order quantity	delivery time
STEPWOOD® Original										
6/7	stock items (standard wood types)	1250 × 219	12	0.274	2.5	-	5	1.37	5 panels	On Stock
7	special timbers and special surfaces	1250 × 219	12	0.274	2.5	-	5	1.37	100 panels (27 m ²)	20-25 WD
5	rapport	1315 × 219	12	0.274	2.5	yes	5	1.37	100 panels (27 m ²)	20-25 WD
STEPWOOD® Carbon										
9	Carbon black	1250 × 219	12	0.274	2.5	-	5	1.37	5 panels	On Stock
9	Carbon brown	1250 × 219	12	0.274	2.5	-	5	1.37	5 panels	On Stock
STEPWOOD® Light on Fleece										
11	oak raw, walnut raw	1250 × 219	6	0.274	1.2	-	8	2.19	8 panels	On Stock
11	oak, walnut lacquered	1250 × 219	6	0.274	1.2	-	8	2.19	40 panels (10,95 m ²)	10-15 WD
11	further wood types	1250 × 219	6	0.274	1.2	-	8	2.19	40 panels (10,95 m ²)	20-25 WD
STEPWOOD® Cubus										
13	oak raw on MDF	1250 × 200	19	0.25	2.7	-	3	0.75	3 panels	On Stock
13	oak raw on fleece	1250 × 200	11	0.25	1.4	-	5	1.25	5 panels	On Stock
13	oak lacquered (MDF/fleece)	1250 × 200		0.25	2.7/1.4	-			25 panels	10-15 WD
13	oak raw on blockboard	1300 × 300	25	0.39	4.7	-	80*	31	80 panels (31 m ²)	20-25 WD
STEPWOOD® Reclaimed Lumber										
15	spruce sunburned	1250 × 220	17.5	0.275	3	-	3	0.825	3 panels	On Stock
STEPWOOD® Natural										
17	oak raw	1250 × 219	29	0.26	3.5	yes	2	0.52	2 panels	On Stock
17	oak oiled „walnut“	1250 × 219	29	0.26	3.5	yes	2	0.52	2 panels	On Stock
17	oak oiled, natural	1250 × 219	29	0.26	3.5	yes	2	0.52	100 panels (26 m ²)	20-25 WD
17	oak oiled, special colour	1250 × 219	29	0.26	3.5	yes	2	0.52	100 panels (26 m ²)	20-25 WD
STEPWOOD® Acoustic										
19	oak, walnut, spruce, beech heartwood, all lacquered	1250 × 219	12	0.274	2.5	-	5	1.37	100 panels (27 m ²)	25-30 WD
STEPWOOD® Balance										
21	spruce, oak, walnut	1250 × 219	15	0.252	2	yes	100*	25.26	100 panels (25.26 m ²)	30-35 WD

* Not individually packed. Panels loose in a transport-safe box.

Carrier material: 6mm MDF, exceptions: STEPWOOD® Light, STEPWOOD® Cubus Light (both on fleece).

You can use our mounting equipment for all types with MDF-Carrier, which are usually readily available directly from stock. Exception: STEPWOOD® Light, STEPWOOD® Cubus Light.

Minimum order quantities for STEPWOOD in special designs:

Special types of wood, -surfaces from 100 panels (27 m²),
STEPWOOD® Original with rapport from 100 panels (27 m²),
Special formats, special types from 100 m², delivery time on request

STEPWOOD® has been developed for interiors, use in damp/humid/wet rooms is not recommended. Color and structural differences distinguish this material and therefore emphasize the overall appearance. Photos/images do not reflect actual colour.
Material information on STEPWOOD® Carbon: We do not guarantee or warrant the abrasion behavior or durability of the surface. Partial chipping and cracking of the surface are not grounds for complaint.

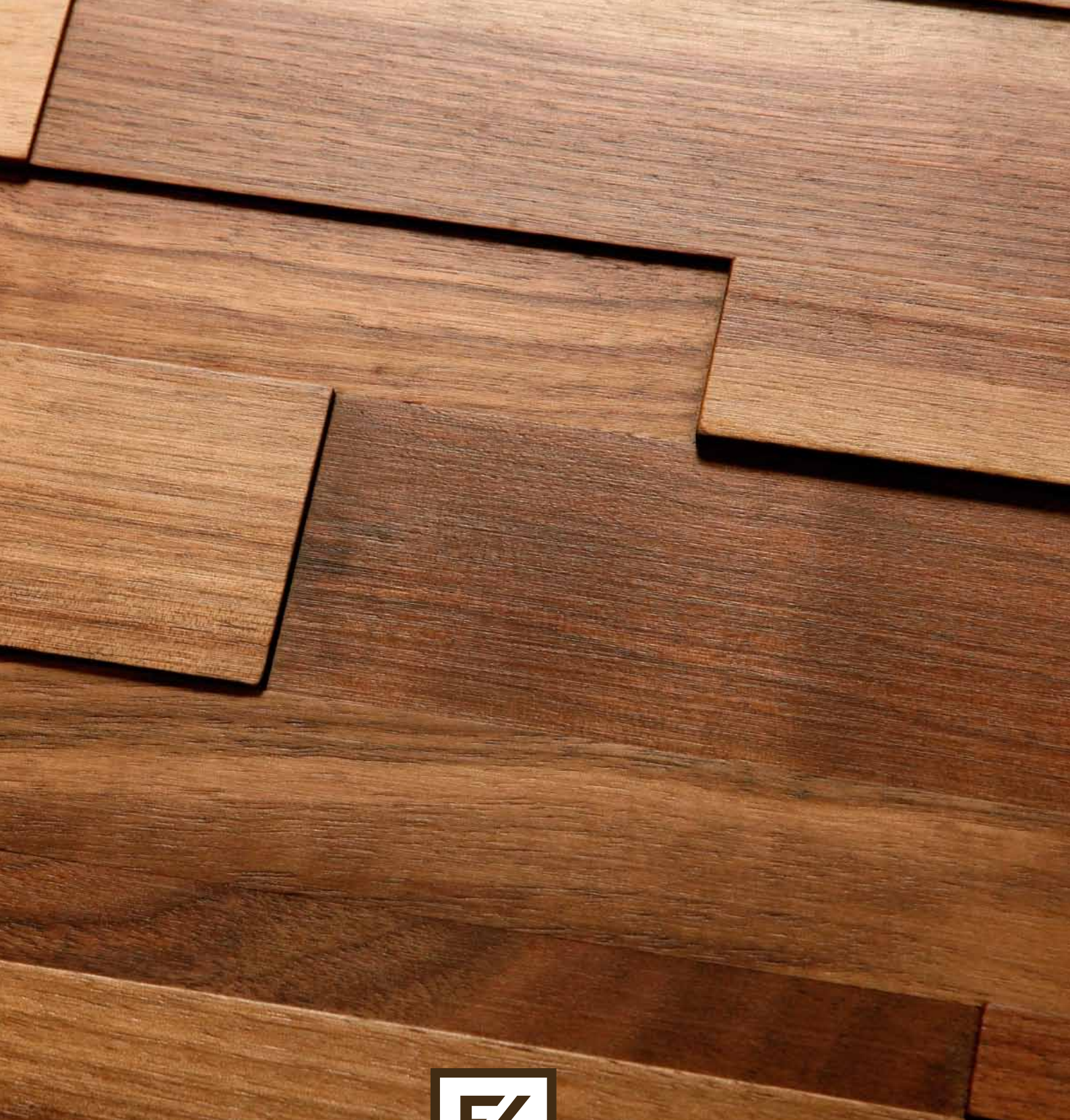
Errors and printing errors reserved. As of: November 2020

Whether it's a sample box, hand pattern or the new presentation folder - perfect for planning and meetings with your customers



Please request your STEPWOOD® sample at www.fkolar.com





KOLAR

WOOD ELEMENTS

Franz Kolar Ges.m.b.H.
Josef-Strebl-Gasse 8
2345 Brunn/Geb. | AUSTRIA

T +43 2236 317 24
office@kolar.at | www.fkolar.com

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is processed.



We are certified.
Certified products available
on demand (PEFC™ or FSC™)