

STEPWOOD

THE COMPLETE RANGE 2023

WE SUPPLY WOOD PERFECTION IN SERIES.



KOLAR
WOOD ELEMENTS



Nature and design combined

Thanks to its diversity, the STEPWOOD® program offers a wide range of possible uses. Depending on

the design, you can achieve the desired effect from rustic to modern. In this brochure we present to you:

STEPWOOD®

- > Original
- > Light
- > Cubus
- > Natural
- > Acoustic
- > Balance
- > Special Designs
- > Assembly

A wide range of fittings
in exclusive interior design

- > Living Areas
- > Dining Facilities
- > Hotel Industry
- > 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, stained 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 accessories.



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.

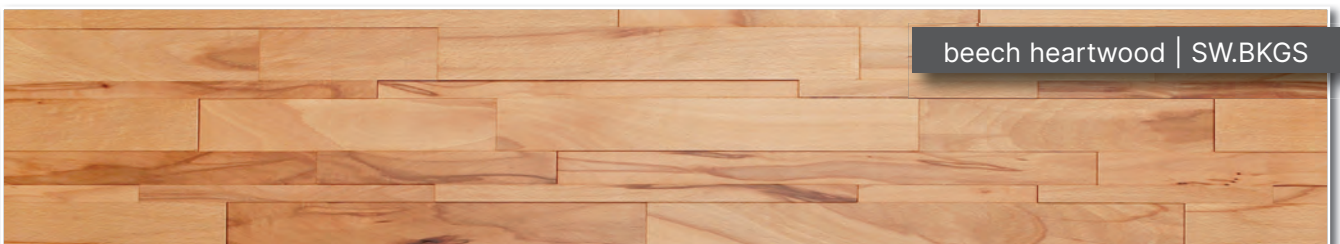


STEPWOOD® Original

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. For all further technical details, please see page 22.

STEPWOOD® Original

Stock Items



pinus cembra (sanded) | SW.ZIR



spruce brushed | SW.FG



spruce gray oiled | SW.FGO

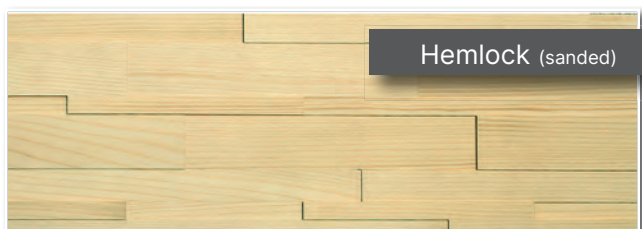
Special Timbers & Surfaces

Slats in your desired type of wood, stained and/or lacquered surfaces make individual and creative

design easier for you. Minimum order quantity is 27 m² (100 panels).



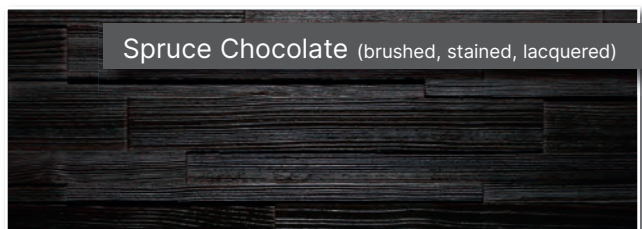
Oak milky (brushed, stained)



Hemlock (sanded)



Spruce Cognac (brushed, stained, lacquered)



Spruce Chocolate (brushed, stained, lacquered)

STEPWOOD® Original Panels are L 1250 x W 219 mm and are grooved on all sides.
For all further technical details, please see page 22.



STEPWOOD® Light

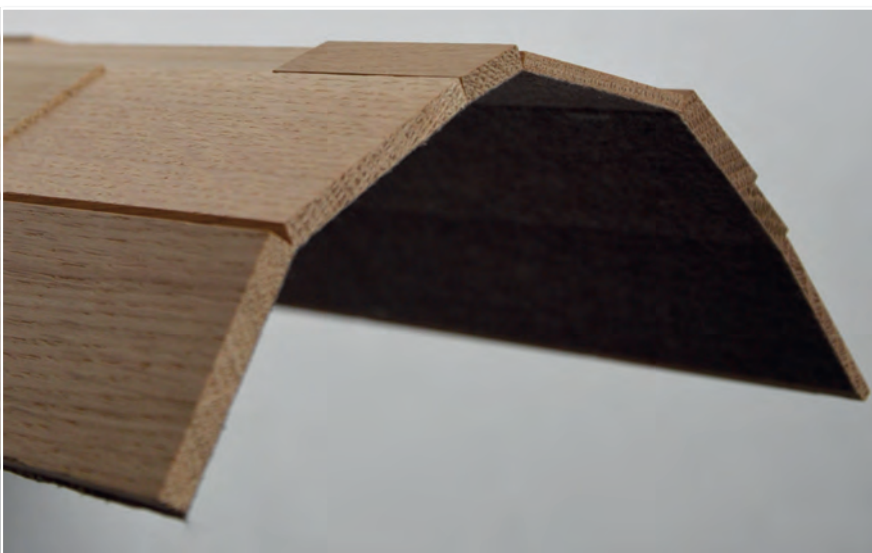
... the flexible alternative

As a long standing supplier of many years to various firms manufacturing furniture or shopfittings and other buildings, we regularly 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.



STEPWOOD® Light on fleece is available in L 1250 x W 219 mm. For all other technical details, please see page 22.



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.

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 max. 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 22.



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 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

We offer in addition to stock items, oak raw and oak oiled on walnut, we offer or oak oiled natural and other special colours.



Oak raw | SWN2.ER

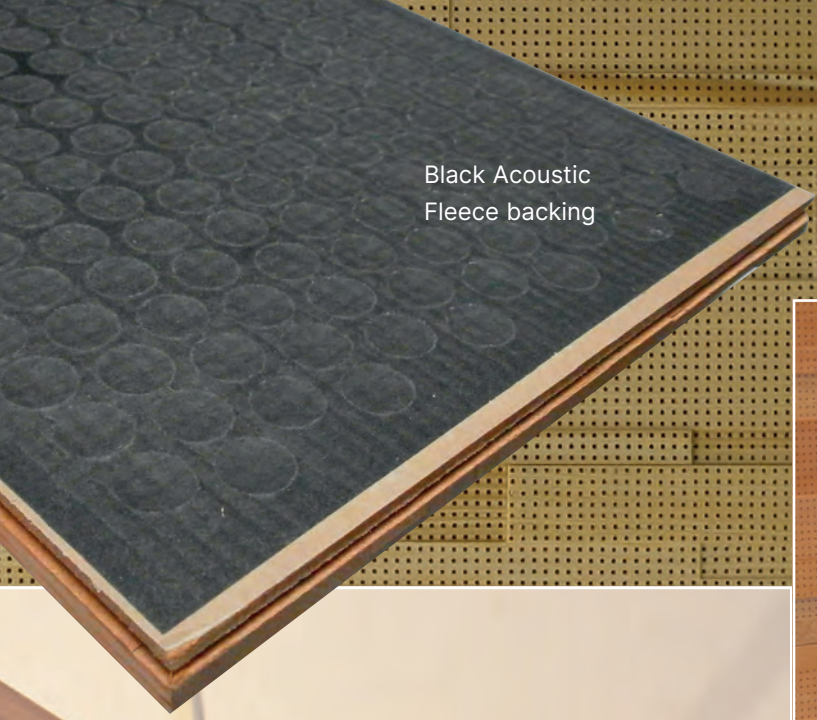


Oak oiled "walnut" | SWN2.EON



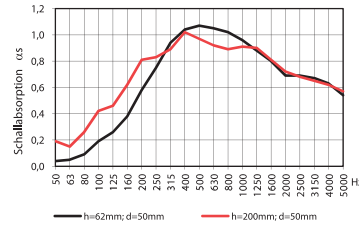
Oak oiled natural | SWN2.EO

STEPWOOD® Natural Panels are L 1250 x W 210 mm and are grooved lengthways.
For all other technical details, please see page 22.

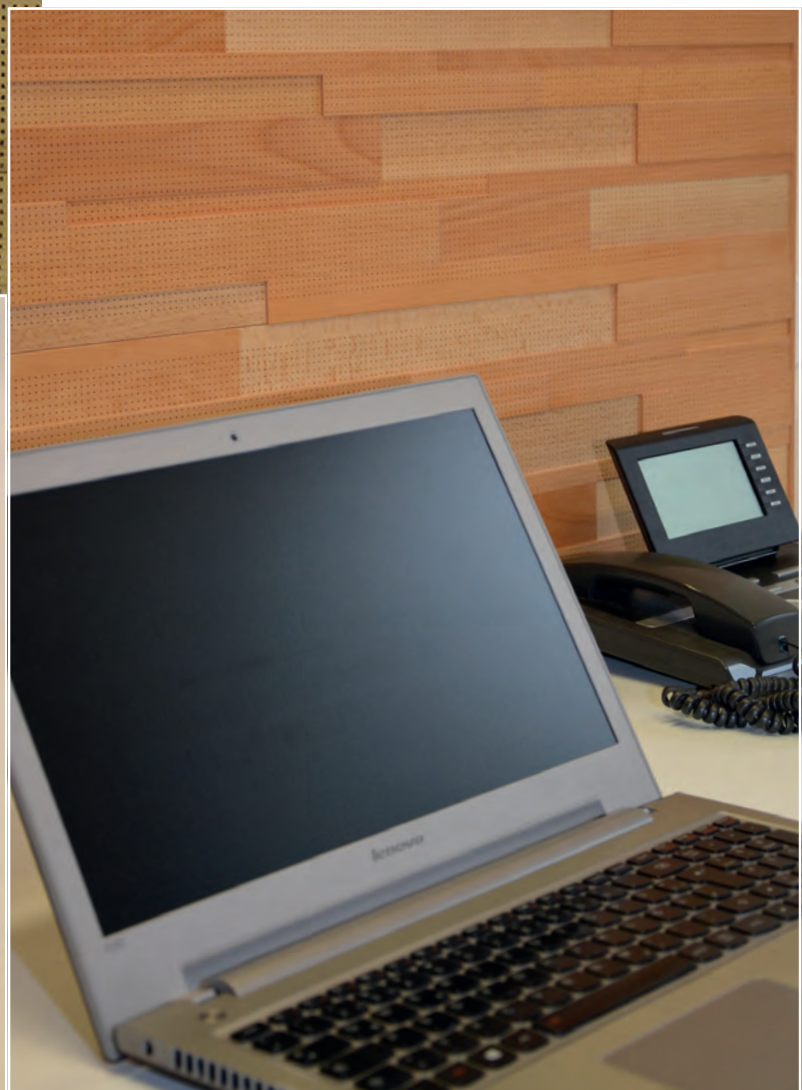
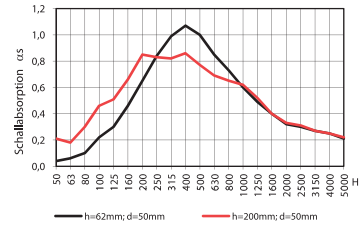


Black Acoustic Fleece backing

STEPWOOD® Acoustic SWAK.B2R4



STEPWOOD® Acoustic SWAK.B1R4



STEPWOOD® Acoustic

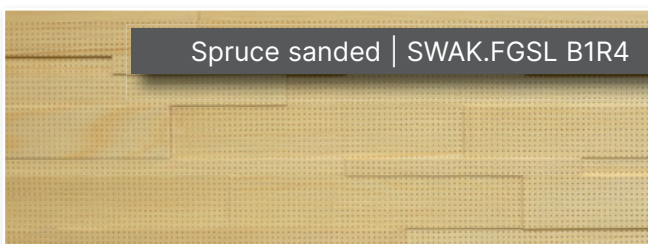
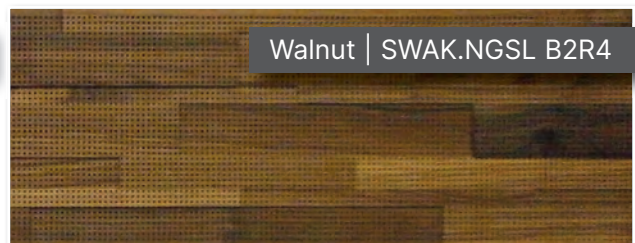
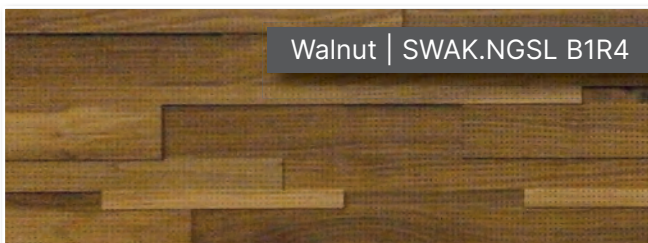
Benefits for eyes & ears



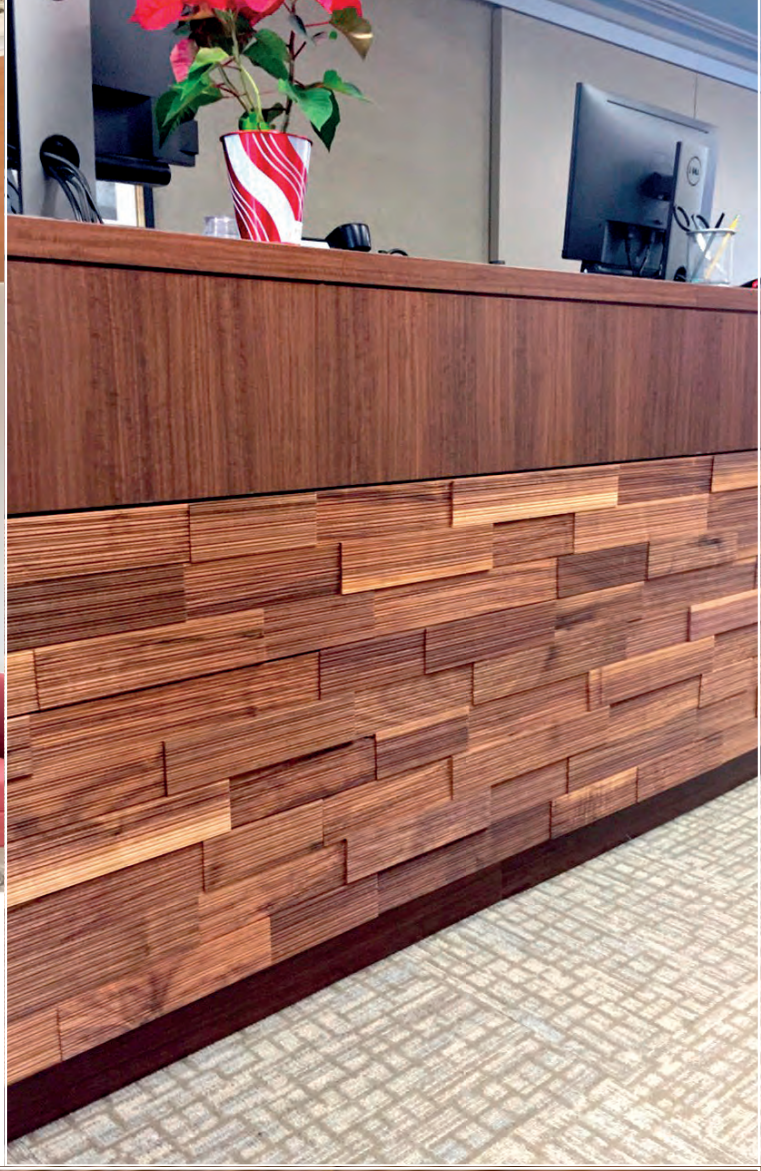
Awarded with the Interzum Award 2015

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.



STEPWOOD® Acoustic Panels are L 1250 x W 219 mm and are grooved all around. 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 22.



STEPWOOD® Balance

... the elegant line

The surface is characterized by a straight and elegant alignment with solid wooden slats: all with the same, balanced proportions.

The slats are slightly wider than the slats used for STEPWOOD® Original panels. The regularly profiled surface allows a glossy finish.

STEPWOOD® Balance panels come with a 'rapport' finish: interlocking borders - this enables you to create a smooth interconnection. Choose from Oak, Spruce or Walnut.

We will happily produce STEPWOOD® Balance from a minimum of 100 panels.



STEPWOOD® Balance Panels are L 1250 x W 219 mm and are grooved lengthways.
For all other technical details, please see page 22.

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. stained



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)



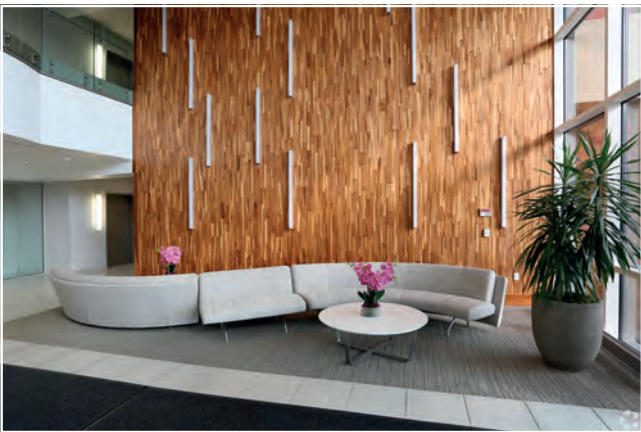
STEPWOOD® in **wellness areas** can be custom made with different types of wood, support materials (picture shows carrier with chipboard) and adhesive systems.

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

Detailed installation instructions and a short video can be found at ww.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 ceiling



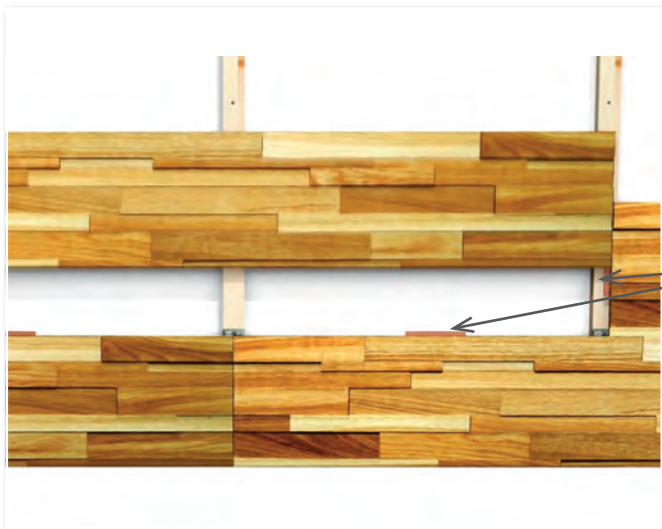
For wide applications, please note that the panels are offset one above the other.

Mounting Equipment



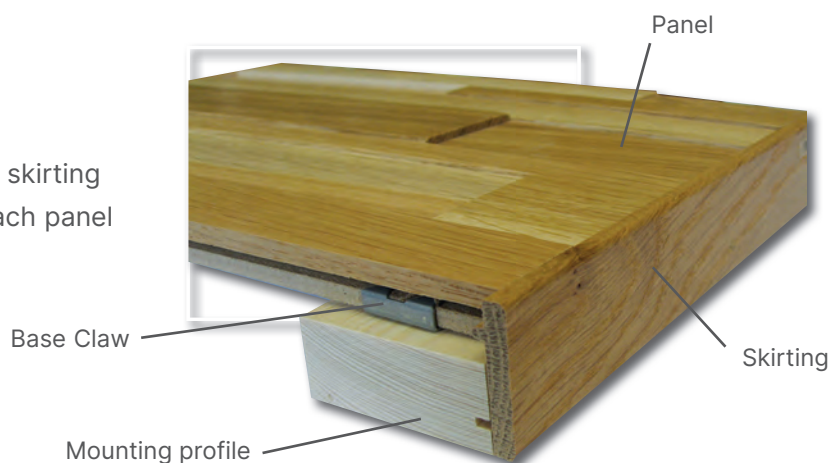
Claw set SW KR	
each 3 pcs	20 pcs + 10 pcs

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.



Overview

Page	Type	Panel Size	max. strength mm	covered surface / panel m ²	Weight / panel ca. in kg	Rapport	Pieces per package	covered surface m ² / package	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
6/7	Stock Items oiled	1250 × 219	12	0.274	2.5	-	5	1.37	25 panels (6.85m ²)	5-10 WD
7	Special wood types 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® Light - on Fleece										
9	Oak raw, Walnut raw	1250 × 219	6	0.274	1.2	-	8	2.19	8 panels	On Stock
9	Oak, Walnut lacquered	1250 × 219	6	0.274	1.2	-	8	2.19	40 panels (10.95 m ²)	10-15 WD
9	Further wood types	1250 × 219	6	0.274	1.2	-	8	2.19	40 panels (10.95 m ²)	20-25 WD
STEPWOOD® Cubus										
11	Oak raw on MDF	1250 × 200	19	0.25	2.7	-	3	0.75	3 panels	On Stock
11	Oak raw on fleece	1250 × 200	11	0.25	1.4	-	5	1.25	5 panels	On Stock
11	Oak lacquered (MDF/fleece)	1250 × 200		0.25	2.7/1.4	-			25 panels	10-15 WD
11	Oak raw on blockboard	1300 × 300	25	0.39	4.7	-	80*	31	80 panels (31 m ²)	20-25 WD
STEPWOOD® Natural										
13	Oak raw	1250 × 210	29	0.25	3.5	yes	2	0.50	2 panels	On Stock
13	Oak oiled on Walnut	1250 × 210	29	0.25	3.5	yes	2	0.50	2 panels	On Stock
13	Oak oiled natural	1250 × 210	29	0.25	3.5	yes	2	0.50	20 panels (5 m ²)	30 WD
13	Oak oiled custom colour	1250 × 210	29	0.25	3.5	yes	2	0.50	20 panels (5 m ²)	30 WD
STEPWOOD® Acoustic										
15	Oak, Walnut, Spruce, Beech Heartwood - lacquered	1250 × 219	12	0.274	2.5	-	5	1.37	100 panels (27 m ²)	25-30 WD
STEPWOOD® Balance										
17	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, Exception: STEPWOOD® Light, STEPWOOD® Cubus Light (both on fleece). Our mounting accessories can be used for all types with MDF-carrier, which are usually readily available directly from stock (see page 21). Exception: STEPWOOD® Light, STEPWOOD® Cubus Light

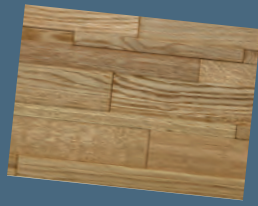
Minimum order quantities for STEPWOOD® in special designs:

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

Errors and printing errors reserved. As of: February 2023

Whether it's a sample or a complete sample box – perfect for planning and meetings with your customer.



Please request you sample at www.fkolar.com/Services/Samples.aspx





Only wood of best quality
is processed.



KOLAR

WOOD ELEMENTS

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We are certified.
Certified products available
on demands (PEFC and FSC™)