

MORE FROM WOOD.



Egger wood-based materials Wörgl

Our variety of thin
boards



Application areas of the individual products are marked as follows:

	yes	no
Door		
Roof		
Caravan/mobile home		
Construction container/construction wagon		
Special products		
Sandwich boards/lightweight construction honeycomb board		
Worktop		

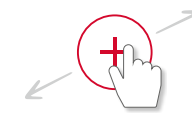
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Enlarge image view



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Egger wood-based Wörgl

Production of thin chipboards since 1973

- 1966 Plant taken over: production of soft fibreboards until approx. 1980
- 1973 Start of thin chipboard production upon commissioning the first calender VI, followed by others in the next few years
- 1988 Production of chipboard on rolls (reels)
- 1990 Start of coating with films, PVC and micro-laminate, primarily on thin chipboard
- 1992 Commissioning of cutting saw
- 2011 Commissioning of support edging system
- 2018 Installation of two stacking robots
- 2020 Consistent digitalisation and electronic process control
- 2023 Modernisation of location: office premises, roof
- 2024 Optimisation of waste wood processing





1. EGGER Thin Raw boards

Thin boards are 3-layer fine chipboards with a thickness of 1.8 to 8 mm. They comply with the specifications of EN312 and EN622-5 and, depending on their area of application, can be pressed in standard or higher compression.

They are ideal for thin and lightweight constructions, depending on the board type used (P2, P5, etc.), in a wide range of applications. The fine top layer on both sides is ideal for finishing with surface coatings of all kinds.

At the end of the product life cycle, EGGER thin boards can be recycled and used as a raw material for new chipboard.

Good to know:

- ▶ Available in application-specific recipes:
 - P2 for interior design
 - P5 for areas of application with limited moisture
 - Special recipes for export markets
- ▶ Manufactured as chipboard or with a particularly high proportion of fine particles and even higher technical values than thin MDF HD quality
- ▶ Unsanded or available in various single or double-sided sanding variants
- ▶ All recipes also available with asymmetrical structure (minimum quantity and delivery time on request)
- ▶ Delivery as a bundle, on a pallet or on rolls
- ▶ Recyclable

Possible thicknesses and dimensions	
Thickness:	1.8 - 8.0 mm
Max. width:	1,850 / 2,100 mm
Max. length:	1,900 lm



Our wood comes from 100% verified legal and controlled sources in accordance with ISO 38200. Ask for appropriately certified thin boards.

» More on sustainable forest management

» More on our sustainability indicators

1.1 EGGER Thin Raw Chipboards E1E05 TSCA P2

In the production of EGGER thin chipboards E1E05 TSCA P2, wood chips with a small proportion of bark are pressed into a 3-layer structure. Very good technical values are achieved thanks to the coarser middle layer. The fine top layer on both sides is ideal for finishing with laminate or micro-laminate, veneer, PVC and finish film or an impregnated direct coating.

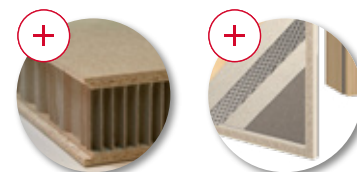
Good to know:

- ▶ Also available as RAL quality with ball drop test suitability according to RAL Quality Association, quality requirements tested in-house
- ▶ Customisable recipe, sanding and stacking pattern for a core board that is optimally tailored to your needs for industrial and artisanal further processing
- ▶ Compliant with the requirements for formaldehyde emissions according to the European REACH Regulation as well as to the TSCA regulation in the USA

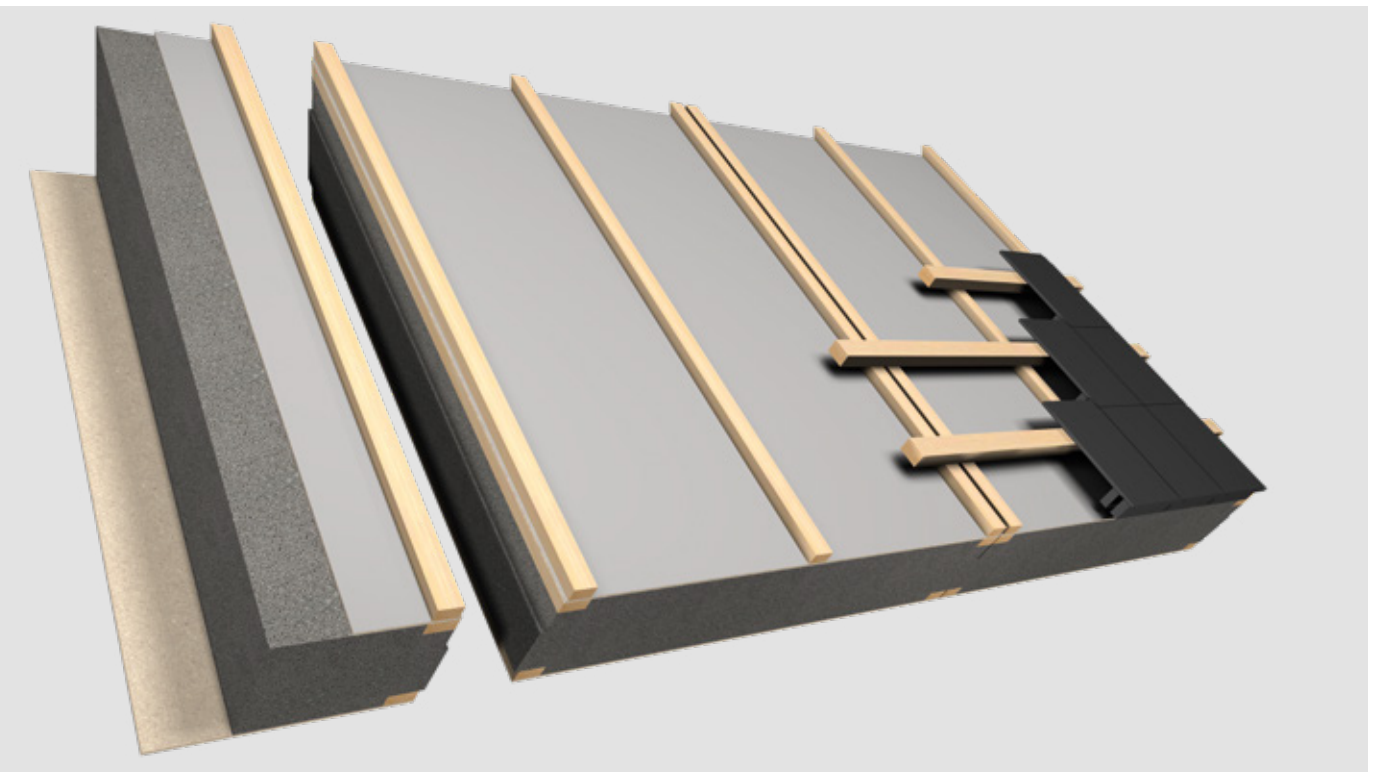


Possible thicknesses and dimensions	
Thickness:	2.5 - 8.0 mm
Max. width:	1,850 / 2,100 mm
Max. length:	6,000 mm

Applications	
▶	Top layers for door blanks for interior doors
▶	Top layers for lightweight and sandwich boards



» Product details and downloads



1.2 EGGER Thin Raw chipboards E1E05 P5



Thin chipboards in P5 quality are used as a core board for load-bearing purposes in humid areas. They are manufactured in the classic 3-layer structure. The difference with board quality P2 lies in the moisture-resistant gluing of the board and a differentiated press profile.

Good to know:

- ▶ Particularly homogeneous surface thanks to increased resin content and a special press profile
- ▶ Customisable recipe, sanding and stacking pattern for a core board that is optimally tailored to your needs for predominantly industrial further processing
- ▶ Available in rolls with low waste

Possible thicknesses and dimensions	
Thickness:	2.5 - 8.0 mm
Max. width:	1,850 / 2,100 mm
Max. length:	on a pallet up to 8,000 mm on a roll up to 1,900 lm

Applications	
▶	Pitched roof constructions in the interior and protected exterior areas, roof substructures
▶	Thermal insulation elements
▶	Wall or ceiling composite elements in construction vehicles, caravans and mobile homes



1.3 EGGER Thin Raw Chipboards JP F0,3 (F****)

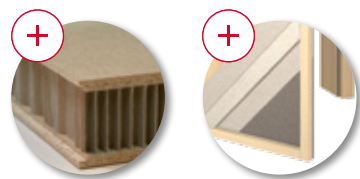
Thin chipboards JP F0,3 F**** are raw boards with reduced formaldehyde content, certified according to Japanese emission class F**** in accordance with JIS A 5908. They are suitable for furniture and interior design in dry conditions. The fine top layer on both sides can be ideally coated with laminate or micro-laminate, veneer, PVC, finish film or impregnate.

Good to know:

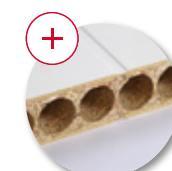
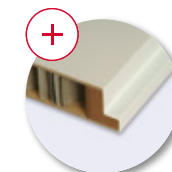
- ▶ Reduced formaldehyde content
- ▶ Certified according to the Japanese emission class F**** in accordance with JIS A 5908

Possible thicknesses and dimensions	
Thickness:	2.5 - 8.0 mm
Max. width:	1,850 / 2,100 mm
Max. length:	6,000 mm

Applications
▶ Top layers for door blanks for interior doors
▶ Top layers for lightweight and sandwich boards



1.4 EGGER Thin Raw MDF E1E05 HD



Thin MDF raw E1E05 HD are high-density core boards manufactured using a special dry process. Their particularly homogeneous raw density profile and the distinctive surface quality create the basis for very sophisticated further finishing, such as lacquered surfaces with a high degree of gloss. This board quality fulfils all the properties of thin chipboards. With its high raw density of 900 kg/m³, it also fulfils the standard values for thin MDF in accordance with EN 622-5. At the end of the product life cycle, EGGER thin MDF can be recycled and used as a raw material for new chipboards.

Good to know:

- ▶ The embossing quality version is ideal for subsequent 2D moulding or embossing
- ▶ Available as a raw board with a sanded or unsanded surface on one or both sides
- ▶ From a thickness of 3 mm, the ideal core board for a coating with particularly deep textures (e.g. synchronised pore surfaces)
- ▶ Recyclable

[» Product details and downloads](#)

Possible thicknesses and dimensions	
Thickness:	1.8 - 4.0 mm
Max. width:	1,850 / 2,100 mm
Max. length:	6,000 mm

Applications
▶ Top layers for lacquered interior doors
▶ 2D embossed decks for interior doors





2. EGGER Thin Boards Coated

Thin boards coated are thin chipboards or thin MDF E1E05 HD with a decorative coating on one side.

They are further finished in various coating processes, depending on the subsequent area of application.

Possible thicknesses and dimensions	
Thickness:	2.7 - 8.0 mm
Max. width:	1,850 / 2,100 mm
Max. length:	1,900 lm

Good to know:

- ▶ Available in application-specific recipes:
 - P2 for interior design
 - P5 for areas of application with limited moisture
 - Special recipes for export markets
- ▶ In addition to standard surfaces such as finish or primer films, they are available coated with impregnated paper in the matching decors and textures of the EGGER Decorative Collection
- ▶ Customised coatings possible
- ▶ Decorative surfaces for living spaces and functional doors (up to climate class 2)

2.1 EGGER Thin Boards with direct calender coating

These thin boards are EGGER thin chipboards or thin MDF E1E05 HD with a decorative coating on one side applied directly during the pressing process. The coating is customised with white paper or coloured paper, if required also

with paintable paper. The reverse side can be offered sanded or unsanded, depending on requirements and further processing.

Possible thicknesses and dimensions	
Thickness:	2.1 - 8 mm
Max. width:	1,850 / 2,100 mm
Max. length:	1,900 lm (roll), 8 m (pallet), individual raw fixed dimensions

Applications
▶ Directly coated decks for interior doors or pitched roof elements ▶ Pre-coated top layers for lightweight or sandwich boards ▶ Coatings for 2D embossed decks ▶ Drawer bottoms ▶ Partition walls ▶ Ceiling or wall cladding in caravan construction



2.2 EGGER Thin Boards with direct intumescent coating

These thin boards are EGGER thin chipboards or EGGER thin MDF HD coated on one side in a multi-layer structure. Their reverse side can be supplied sanded or unsanded.

Mode of action of the flame-retardant coating

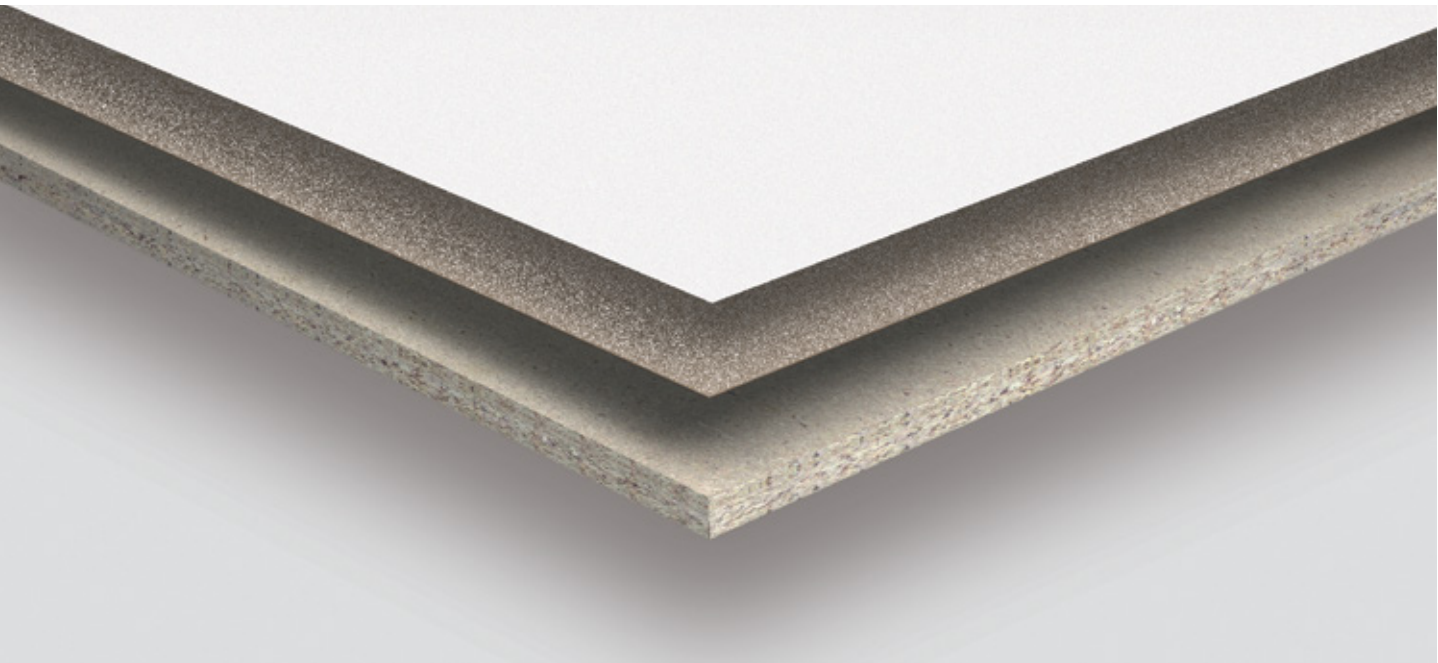
Under the influence of heat, the intumescent agent contained in the barrier paper starts a multi-stage chemical reaction (also known as an intumescent reaction). This results in the formation of carbon foam.

It has an insulating effect on the underlying material. Due to this insulating layer, less temperature reaches the surface of the core material for a certain period of time. This delays the fire and slows down the process as a whole.

- Good to know:
- ▶ For products with increased fire protection requirements
 - ▶ The manufacturer of the composite material/system (e.g. ceiling element, wall cladding element, etc.) must arrange for a product classification in accordance with EN13501-1 if required.

Possible thicknesses and dimensions	
Thickness:	3.8 - 8 mm
Max. width:	2,070 mm
Max. length:	8,000 mm

Applications
▶ Ceiling elements
▶ Wall cladding



2.3 EGGER Thin Boards with decorative coating

The core material for this variant is 3 or 4 mm thick thin chipboard or high-density thin MDF HD. It is available in selected decor-texture combinations from the EGGER collections and therefore offers many possible applications in furniture and interior design, both in terms of design and product-specific features.

It meets the requirements of EN 14322 and the surface is extremely robust thanks to its scratch, abrasion and chemical resistance.

» Go to the available decors

Format	
Thickness:	3.0 and 4.0 mm
Max. width:	2,050 / 2,070 mm
Max. length:	5,610 mm individual raw fixed dimensions

Applications
▶ Interior doors (residential and commercial doors)
▶ Top layers for lightweight and sandwich boards
▶ Drawer bottoms
▶ Furniture back panels



2.3.1 EGGER Thin Chipboards Coated E1E05 TSCA P2

Thin chipboards coated E1E05 TSCA P2 (in accordance with EN 14322) are light-coloured boards with low bark content and a fine top layer on both sides. They are coated on one side with impregnated decorative paper.

Compliant with the requirements for formaldehyde emissions according to the European REACH Regulation as well as to the TSCA regulation in the USA.

Possible thicknesses and dimensions	
Thickness:	3.0 and 4.0 mm
Max. width:	2,070 mm
Max. length:	4,300 / 5,600 mm individual raw fixed dimensions

Applications
▶ Top layers for interior doors ▶ Visible furniture back panels in a decor and material combination with EGGER decorative chipboards or laminate composite boards ▶ Lightweight honeycomb boards also in a decor and material combination with other EGGER products

» Product details and downloads



2.3.2 EGGER Thin MDF Coated E1E05 HD

The core material of this variant with a decorative coating on one side (in accordance with EN14322) is a 3 mm high-density board. The particularly homogeneous raw density profile and the distinctive surface quality create the basis for very sophisticated further finishing, such as deeply textured surfaces. At the end of the product life cycle, EGGER thin MDF can be recycled and used as a raw material for new chipboards.

Good to know:

- ▶ Meets the requirements of EN 622-5 thanks to a raw density of 900 kg/m³
- ▶ Compliant with the requirements for formaldehyde emissions according to the European REACH Regulation as well as to the TSCA regulation in the USA
- ▶ Recyclable

» Product details and downloads

Possible thicknesses and dimensions	
Thickness:	3 mm
Max. width:	2,050 mm
Max. length:	4,300 / 5,590 mm customised raw fixed dimension

Applications
▶ High-quality residential and commercial doors with deep textures ▶ Visible furniture back panels in a decor and material combination with EGGER decorative chipboards or laminate composite boards ▶ Lightweight honeycomb boards also in a decor and material combination with other EGGER products





3. Thin technical and customised products

The diverse production and finishing options at the Wörgl plant provide the ideal basis for customised, highly technically oriented EGGER thin board products in a wide variety of recipes, raw or finished with special coatings.

Good to know:

- ▶ By using industrial production technologies and our many years of experience at the Wörgl plant, we offer cooperation at the highest level.

Customised products are manufactured and packaged taking into account the entire value-added process. Here, special emphasis is placed on minimising waste due to the customer's processes, maximum utilisation of production capacities, and packaging and freight space-optimised shipping.

3.1 EGGER Thin Boards on a roll

Thin chipboards and thin MDF HD can be supplied in continuous rolls, raw or coated on one side or both sides. The high board elasticity ensures that the boards remain flat later on and is ideal for roof constructions and thermal insulation elements.

Good to know:

- ▶ Continuous production of up to 1,900 linear metres per large roll enables extremely low-cut further processing and optimised set-up times
- ▶ Customised length requirements possible from a quantity of 1 piece
- ▶ P5 quality available in E1 or E1E05 version

Format	
Thickness:	2.6 - 6.7 mm
Max. width:	1,050 mm
Max. length:	1,900 lm

Applications
▶ Pitched roof constructions in the interior and protected exterior area
▶ Roof substructures
▶ Thermal insulation elements
▶ Wall or ceiling composite elements in construction vehicles, caravans and mobile homes





3.2 EGGER Thin Raw Boards with asymmetrical structure

Thin boards with an asymmetrical 2-layer structure are EGGER thin chipboards with a middle layer and a top layer applied on one side. They are especially suitable for the production of sandwich boards. Mainly wood chips with a small proportion of bark are pressed during production.

Possible thicknesses and dimensions	
Thickness:	2.8 to 5 mm
Max. width:	1,850 / 2,100 mm
Max. length:	up to 6,000 mm

- Good to know:**
- ▶ The middle layer can be glued very well and ensures good mechanical values.
 - ▶ Customised recipe, sanding and stacking pattern for industrial further processing
 - ▶ The one-sided top layer is ideal for all types of surface coatings.

Applications
▶ Top layers for chipboard blockboards

[» Product details and downloads](#)



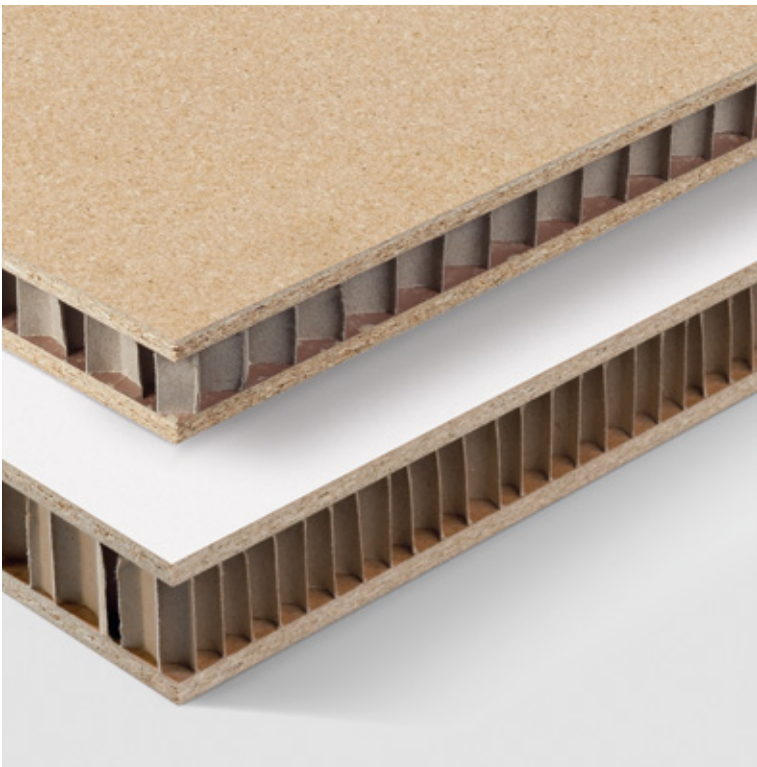
3.3 Decks for Sandwich Boards (raw or coated)

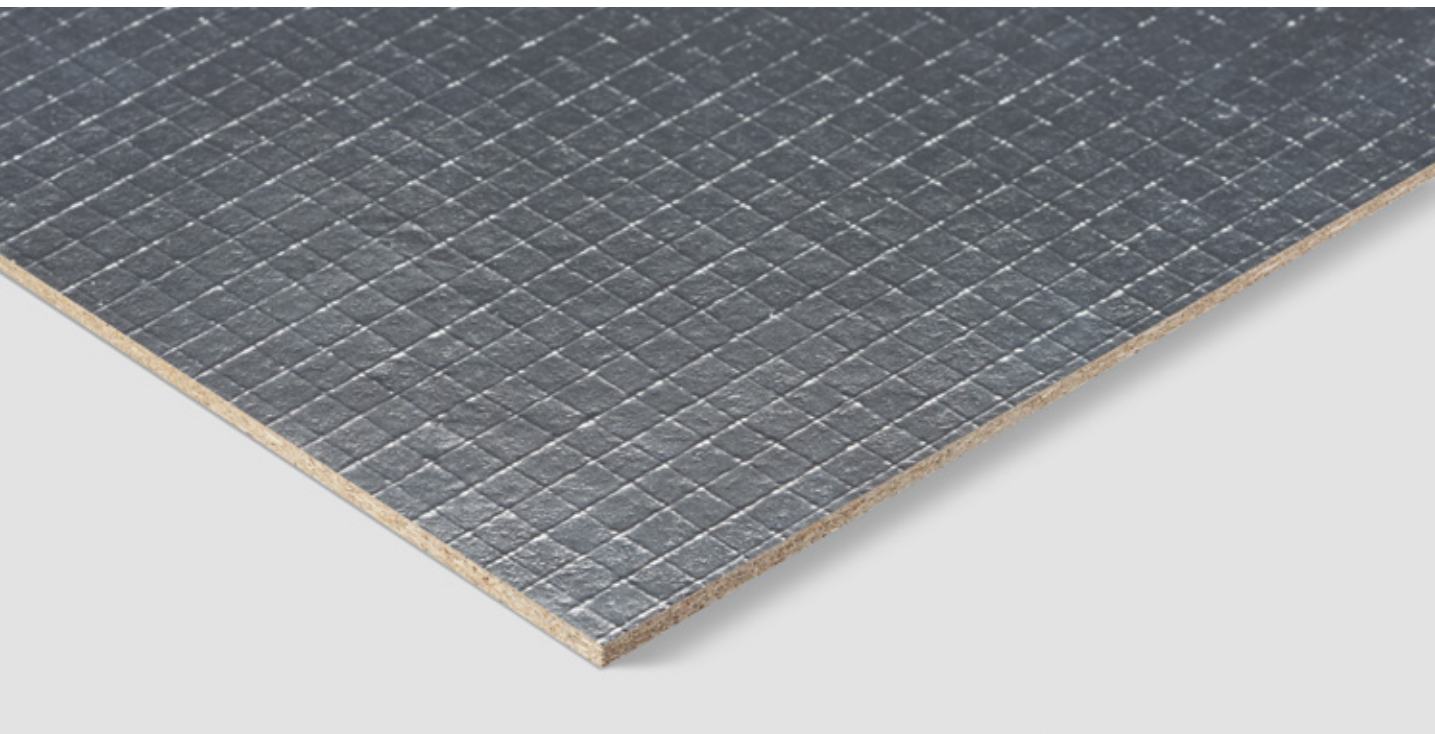
By combining different core material qualities and surface finishes, this product offers an optimum basis for further finishing into a composite or sandwich element.

- Good to know:**
- ▶ Available as thin chipboard or thin MDF HD
 - ▶ Suitable for finishing with a wide variety of coating materials
 - ▶ One-sided coating possible
 - ▶ Every second board available turned on request
 - ▶ Different sanding options on the top and bottom are possible

Possible thicknesses and dimensions	
Thickness:	2.8 to 8 mm
Max. width:	2,100 mm
Max. length:	6,000 mm

Applications
▶ Top layers for lightweight boards
▶ Top layers for blockboards, sandwich or chipboard blockboards





3.4 Special coating

Vapour barrier aluminium – MetPET

The wide range of finishing options at the Wörgl plant provide the ideal basis for customised, technically oriented special coatings based on a wide variety of raw board recipes.

- ▶ Examples:
 - Thin chipboards directly coated with an aluminium film up to 20µ thick
 - Thin chipboards directly coated with special polyethylene films with favourable thermal insulation effects

Possible thicknesses and dimensions	
Thickness:	3.0 - 8 mm
Max. width:	2,100 mm
Max. length:	1,200 lm

Applications	
▶	Aluminium coating: wall or roof elements with vapour barrier
▶	MetPET coating: wall or roof elements with optimised heat reflection values



3.5 EGGER Thin Raw MDF Supporting Edge E1E05 TSCA HD

The support edge, sanded on both sides, serves as a technical edge for easy decorative edging. It forms a similarly stable edging base at the cutting edge to conventional wood-based materials and creates a homogeneous surface on the gable-end for optimum edging quality. This detailed solution creates a significant difference in edging quality and allows the use of lightweight and therefore raw material-saving core materials or thickness-optimised edging material.

- Good to know:**
- ▶ Excellent edging results for thick boards and/or boards with thin top layers
 - ▶ Increased impact resistance at the edge of profiled table and worktops
 - ▶ For lightweight boards:
 - Supports the top layers against each other in the edge area
 - More cost-effective than using a frame

Possible thicknesses and dimensions	
Thickness:	1.8 - 2.5 mm
Possible width spectrum:	14 - 100 mm
Max. length:	2.5 mm: 350 m 1.8 mm: 480 m

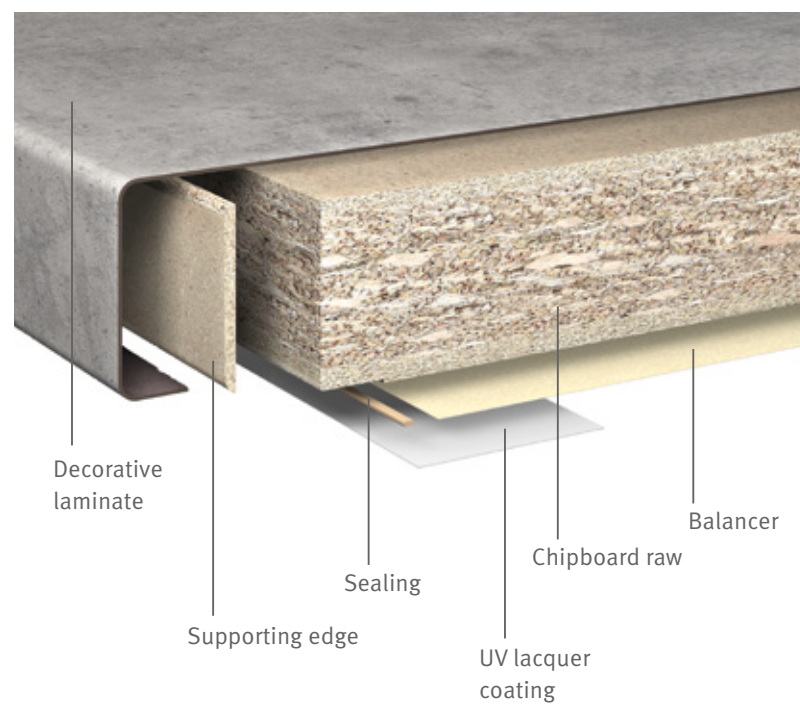
Applications	
▶	For profiled worktops
▶	For shelves covered with finish film
▶	For optimised edging quality on composite and sandwich boards

» Product details and downloads





EGGER Supporting Edge: Profiled worktops and shelves



The supporting edge offers the perfect solution for high-quality profiling of laminated worktops or sheathed shelves.

It is applied like a decorative edge as a base to the front of the worktops or shelves to be sheathed. The EGGER supporting edge is profiled and edged as required.

Good to know:

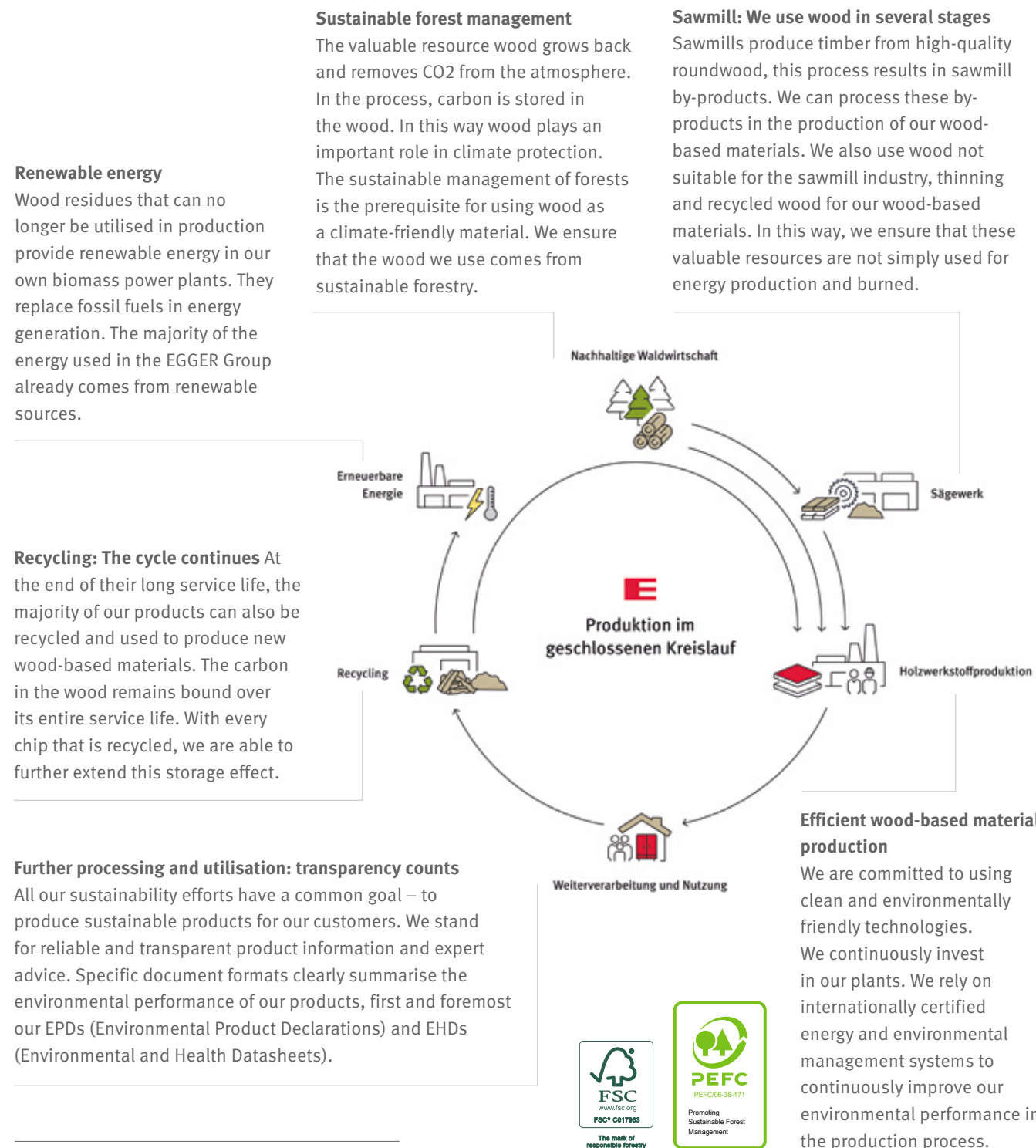
- ▶ Increased impact resistance at the edge
- ▶ Optimised surface calm on the profiling



Our production in a closed cycle:

We use wood responsibly and in many different ways.

Sustainable management is at the core of our corporate DNA. And this has been the case since 1961, because for company founder Fritz Egger Sr., wood was far too valuable to simply throw it away. He laid the foundations for our business by processing wood waste residues into high-quality new products. Working in closed cycles is still a core element part of our business model today. We give the valuable resource wood many lives. We embrace sustainable business practices in all their aspects and take equal responsibility for economic, ecological and social issues.



Find out more at www.egger.com/umwelt

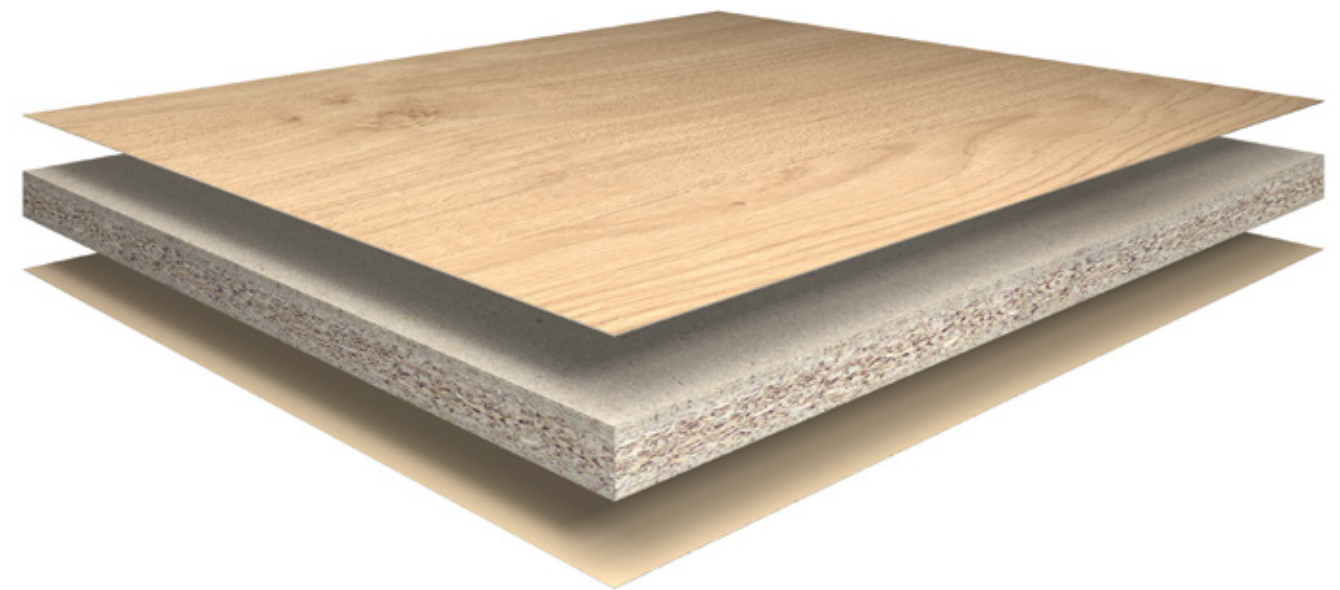
Wood-based materials contribute to climate protection ...

... and you can now get an idea of exactly how they do it.

For selected products in this brochure, we are sharing information on their environmental performance:

Product structure

(Example: EGGER decorative chipboard)



Carbon footprint*

The carbon footprint can be used to *measure the size of the impact a product has on the climate*. For coated chipboard it is small, even *below zero*. Why? Wood has absorbed more CO₂ during its growth than is emitted during transport and the manufacturing processes.



Contribution to the bioeconomy**

Resources need different amounts of time to regenerate. Wood grows in a few decades, whereas fossil fuels need millions of years to form. This indicator compares the product components: How much material was *obtained from renewable raw materials* and how much from fossil fuels?



Contribution to the circular economy**

To conserve natural resources, we need to make the best use of existing materials. This indicator shows how well this can be done in practice. The coated chipboard is *made up of more than 50% recycled material or recycled by-products from other industries*.

*) Externally verified calculation in accordance with EN 15804, see EPD

**) Unverified calculation according to own method, proportion by dry weight. The values are based on the average product structure and may vary slightly depending on the thickness and the chosen coating

Further information on our sustainability indicators can be found at www.egger.com/ecofacts

www.egger.com

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