

# Woodsons pricelist

## What are Woodsons Cross Timber Panels?

Woodsons Cross Timber Panels (WXP) are a type of engineered wood product made from multiple layers of profiled cladding board timber that are connected with nails. The boards are laid with cross-layer method which creates a strong and durable panel that is resistant to warping and twisting.

This method also gives a stability to the wood to keep the elements measurements static through the long period of time without being much affected by the drying. Woodsons panels are produced industrial way meaning the quality of the product is ongoing and ensured by the controlled production processes.

## What can you do with the panels?

Our panels are produced as for building material. These panels can be used in a range of applications, including flooring, walls, and roofing. The panels are produced in large scale measurements – this means that the buildings can be assembled from a small number of elements.

The elements cut from the panels can be with different thicknesses, sizes and shapes. Every kind and shape of cutouts for windows and doors can be easily cut into the panel at the factory or by the customer themself. It is also possible to use the panels as a raw material to produce furniture, fences and other wooden products.



## What are the benefits of using our panels?



### STRONG AND DURABLE

- The crosswise orientation of the timber layers creates a strong and stable panel that is less likely to warp or twist over time.



### FREE FROM CHEMICALS

- Woodsons panel offers an eco-friendly alternative to traditional laminated timber, as it does not require the use of glues or chemicals, promoting a healthier and more sustainable construction method.



### GOOD THERMAL PROPERTIES

- Woodsons Cross Timber panels are offering better heat insulation properties than the usual cross-laminated timber (CLT) or log houses due to the presence of air grooves in the boards, providing enhanced thermal performance and energy efficiency. The panel helps to keep the heat away when its hot and the cold away when its freezing.



### GOOD ACOUSTIC CHARACTERISTICS

- Cross Timber panels offer excellent acoustic characteristics, effectively reducing sound transmission and providing a quieter indoor environment.



### SUSTAINABLE

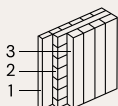
- Cross timber panels are made from sustainable materials and can be easily recycled at the end of their life.



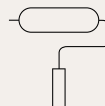
### AESTHETIC APPEAL

- The natural texture and grain of the timber gives cross timber panels a unique and attractive look that can enhance the design of a building.

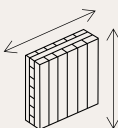
## General characteristics of the panels



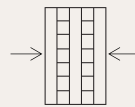
- Number of layers from 3 ... 12 layers



- Option for color treatment from one side or both sides of the panel



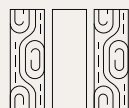
- Maximum sizes of the panels: 2,7x 12 m



- Thickness of the panel from 50 mm to 250 mm



- Weight of the panel – about 400 kg per m<sup>3</sup>



- Different cladding board profile types available

# Pricelist

Panel type	Thickness of the panel, mm*	Industrial quality, both sides non-visible, EUR/m <sup>2</sup>	Visible/non-visible, EUR/m <sup>2</sup>	Visible quality both sides, EUR/m <sup>2</sup>	Coloring the panel, EUR/m <sup>2</sup>
3 layers, 24kg/m <sup>2</sup> (suitable for light summer and garden houses)	57	35,00 €	40,00 €	45,00 €	4,00 €
5 layers, 36kg/m <sup>2</sup> (suitable for decent summer houses and other 1,5-story buildings)	85	50,00 €	55,00 €	60,00 €	4,00 €
7 layers, 50kg/m <sup>2</sup> (suitable for up to 2-story houses)	118	69,00 €	74,00 €	79,00 €	4,00 €

**Example:** 3-layer panel with the thickness of 57 mm and the measure of 2,5 m x 5 m (12,5 sqm) with visible quality both sides of the panel costs 562 EUR per panel.

\* The thickness of the panel can vary +-2 mm, depending what thickness raw material is available. The exact thickness will be specified while confirming the order.

\* The specified price includes only straight cutting lines. Angle cuts will be priced separately after evaluating the complexity of the cut.

There are 5 main profile types for outer visible layers of the panels.

Three types of these are rather for indoor use as they are smooth plane wood. The other two types are for rather outdoor use as we use fine sawn cladding boards as a layer.

#### Inside smooth plane wood profiles:

1. UTK ECB with center line – Tongue and groove – Board width 140 mm
2. UTK ECB without center line – Tongue and groove – Board width 140 mm
3. HLL profile – so called timber floorboard surface is smooth and without profile line. Board width 145 mm
4. UYS – Halflap profile – fine sawn – board width 145 mm
5. UYV – Halflap profile – fine sawn – board width 145 mm

Profile name	Surface type	Connection type	Recommended use	Board width/thickness	Coloring
UTK ECB with extra groove	Smooth planed	Tounge and groove	Indoor/ outdoor	140 mm / 18 mm	Yes
UTK ECB without extra groove	Smooth planed	Tounge and groove	Indoor/ outdoor	140 mm / 18 mm	Yes
HLL Timber Floorboard	Smooth planed	Tounge and groove	Indoor/ outdoor	145 mm / 18 mm	Yes
UYS outdoor cladding	Fine sawn	Halflap	Outdoor	145 mm / 19 mm	Yes
UYV outdoor cladding	Fine sawn	Halflap	Outdoor	145 mm / 19 mm	Yes

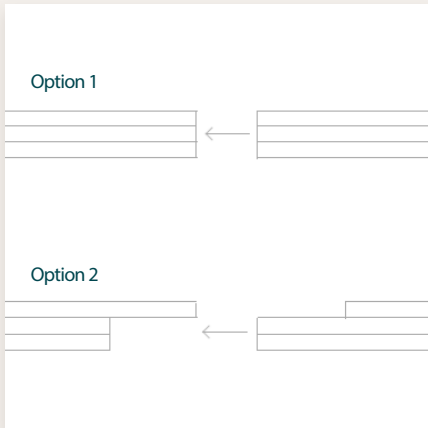
Its also possible to use one type of layer as inside and other type of layer outside – this will make a panel complete to build light housing without insulation – no coloring needed afterwards. It saves time, money and effort for the builder.

The inner layers for the panels could vary and can be with different profile types. It is ensured that the air grooves are within every layer of the panel.

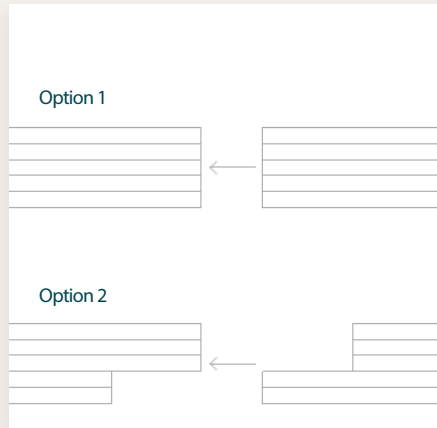


## Possible connections of the panels (view from up to down)

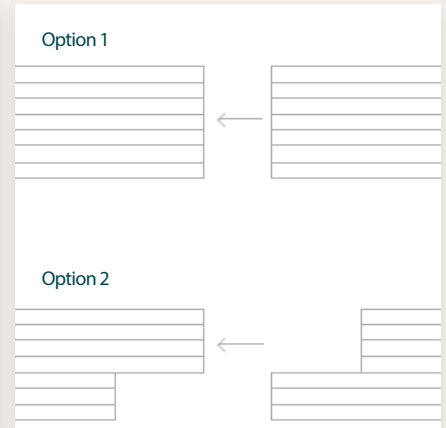
3 layer / Wall-wall straight connection



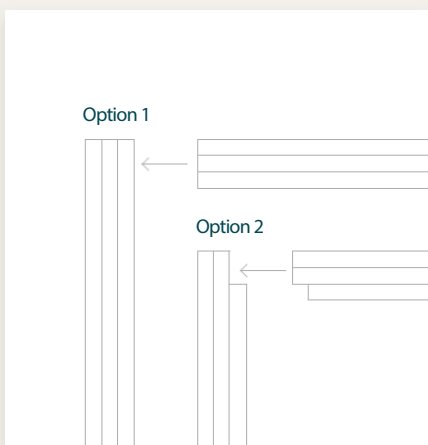
5 layer / Wall-wall straight connection



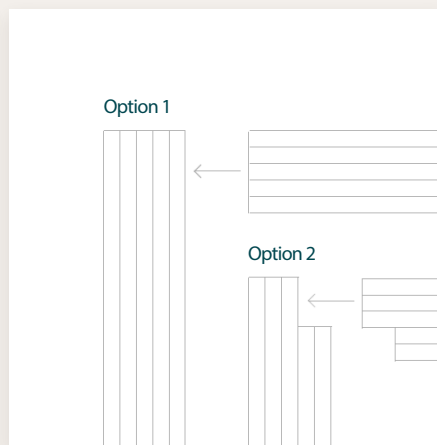
7 layer / Wall-wall straight connection



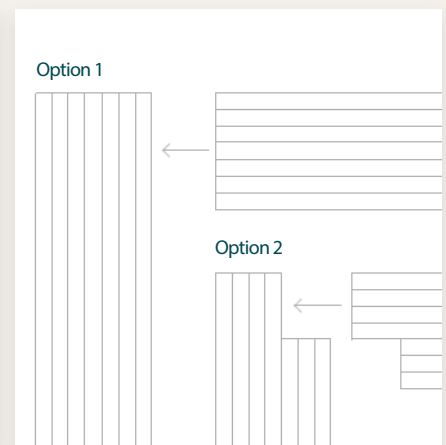
3 layer / Wall-wall corner connection



5 layer / Wall-wall corner connection

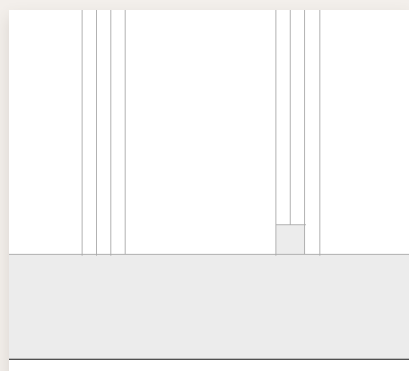


7 layer / Wall-wall corner connection

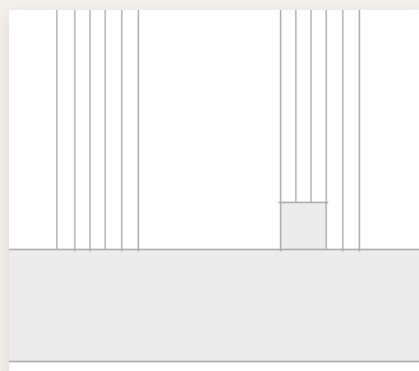


## Wall-floor connection

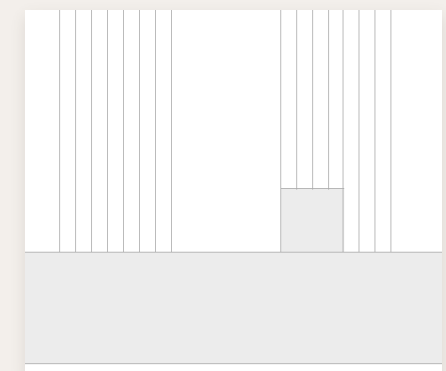
3 layer / Wall-floor connection



5 layer / Wall-floor connection



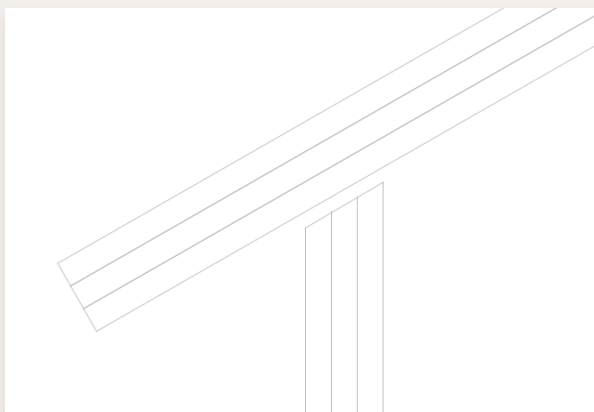
7 layer / Wall-floor connection



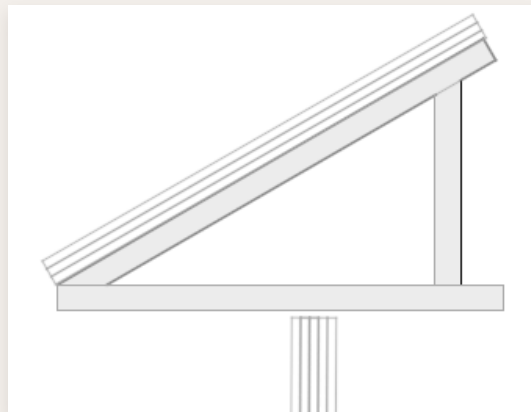
Possible straight connection with floor. Also possible to use extra timber beam. This requires to cut the groove into the panel.



## Wall-roof connection



3, 5 and 7 layer panels offer the possibility to cut the panel with an angle to fit with the roof angle. Then the roof panel and the wall panel have strong and firm connection.



Its also always possible to build the roof frame from the timber material and attach the frames to the wall elements. 3-5-7 layer panels could be put on a roof frames – so that the roof is solid and strong. Outside of the roof panel should be put insulation and roof covering material.

## Product specification

**Timber type:** The main type of timber used in production of panels is spruce. Other options like pine should be quoted separately.

**Layer types:** The outer layers of the panels could be produced from different types of cladding board profile. There are different type of tongue and groove – Square edge, V-edge.

**Layer connection:** The layers of our wooden panels are securely connected to each other using iron nails. This ensures structural stability and enhances the overall durability of the panels.

**Cutting requirements:** When cutting the panels, it is important to note that the presence of iron nails necessitates the use of special cutting discs or blades designed for cutting through wood with nails. We recommend using "Wood with Nails" discs or blades for optimal cutting performance and safety.

**Measurement tolerance:** The minimum size for ordering a panel is 2,0 m x 2,4 m – maximum size 2,7 x 12 m. For smaller measures please contact our sales team. While ordering, please specify the measurement and the thickness of the panel desired. The panels have a measurement tolerance of  $\pm 3$  mm from the specified length and width dimensions. Please consider this tolerance when planning and installing the panels to ensure proper fit and alignment.

**Weight considerations:** While our wooden panels are strong and suitable for various applications, it is advisable to avoid using them for high volumes of weight-bearing walls. For heavy load-bearing purposes, we recommend consulting with a structural engineer to determine the most appropriate solution for your specific needs.

**Fire resistance:** Our wooden panels possess fire EURO Class D. This ensures their suitability for use in various environments while meeting fire safety regulations.

**Surface finishes:** Our wooden panels are available in a range of surface finishes, including primed + painted 1x. These finishes add aesthetic appeal and can be tailored to match different design preferences.

**Sustainability:** We are committed to sustainable practices. Our wooden panels are sourced from responsibly managed forests, promoting environmental conservation and ensuring a renewable supply of materials. ✓



**Customization:** We understand that different projects may require unique specifications. We offer customization options for our wooden panels, including variations in thickness, dimensions, and surface treatments. Our team is dedicated to working closely with you to fulfill your specific requirements.

*Please note that these specifications serve as general guidelines. For more detailed or specific information about our wooden panels, we recommend consulting our sales team. They will be able to provide you with comprehensive information based on your specific needs and preferences.*

## Difference from similar products

Feature of the product	WXP	CLT (Cross-laminated timber)	MHM (Massiv holz mauer)
Connection of layers	Iron nails	Glue	Aluminium nails
Maximum dimensions	2.8 x 12 m	3.6 x 15.1 m	4 x 6 m
Thickness of layers	50–250 mm	60–350 mm	115–345 mm
Thickness of each layer	14–21 mm	20 or 30 or 40 mm	23 +- 2mm
Moisture content	16 +-4%	12 +- 2%	15 +- 3%
Natural product with small ecological footprint	+	+	+
Chemical free	+	-	+
Long span panels (6-m)	+	+	-
Good acoustic properties	+	-	+
Combining with other materials	+	+	+

## Sales Conditions

**Pricing:** All prices quoted in our price list are Ex Works (EXW) Padise 76002, Estonia. Transport costs, packing costs, cut-outs, and grooves are quoted separately and will be added to the final invoice

**Transport costs:** The cost of transportation from our facility to your desired destination will be calculated based on the delivery address and the chosen shipping method. Please contact our sales team for a detailed transportation quote.

**Packing costs:** Packaging materials and services will be charged separately. The specific packing requirements and costs will be determined based on the nature and size of the order. Our sales team will provide you with the relevant packing costs upon request.

**Cut-outs and grooves:** If you require cut-outs or grooves in the wooden panels, these will be priced separately. The costs will depend on the complexity, size, and quantity of the requested cut-outs and grooves. Our sales team will provide you with a customized quote based on your specific requirements.

**Payment terms:** Our standard payment terms are 50% deposit upon order confirmation, with the remaining balance due prior to shipment. Alternative payment arrangements can be discussed on a case-by-case basis.

**Pricing updates:** Please note that prices are subject to change without prior notice. We strive to keep our pricing competitive and up to date with market fluctuations. Any price adjustments will be communicated to you in a timely manner. ✓



**Minimum order quantity (MOQ):** We may have a minimum order quantity of 100sqm panel order requirement for primed and colored products. Please consult our sales team to confirm the MOQ for the items you are interested in.

**Order processing and lead time:** Once your order is confirmed and payment has been received, we will process your order promptly. The lead time for manufacturing and preparing your order will depend on the volume and complexity of the request. Our sales team will provide you with an estimated lead time upon order confirmation.

**Returns and refunds:** We strive to deliver products of the highest quality. In the unlikely event that you encounter any issues with your order, please notify us in 3 working days after receiving the goods. We will assess each situation individually and work towards finding a satisfactory resolution.

**Legal and regulatory compliance:** Our sales conditions are governed by the applicable laws and regulations of Republic of Estonia. By placing an order with us, you agree to comply with all relevant legal and regulatory requirements.

*Should you have any further questions or require additional information, please do not hesitate to contact our sales team. We are here to assist you in making informed purchasing decisions.*

## Photos



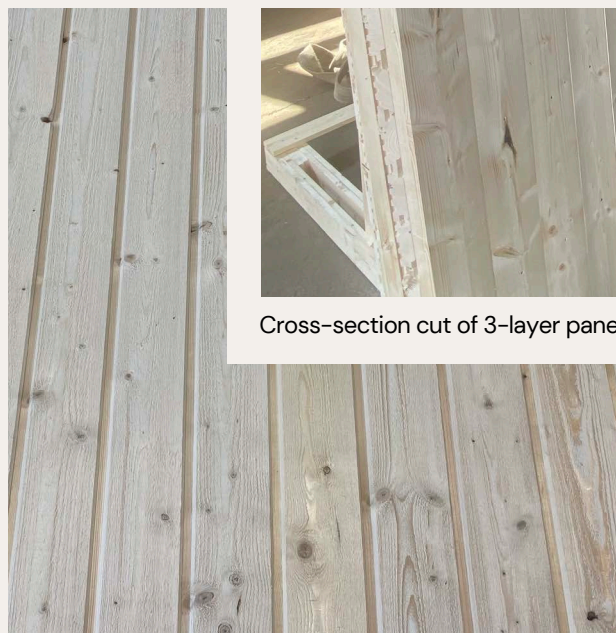
Natural non-visible quality panel



Colored visible quality panel – no nail-head holes on the surface



Natural non-visible quality panel with window cut out and upper cut under the slope



Cross-section cut of 3-layer panel

Natural non-visible quality panel with out-door profile cladding





On the left image is colored visible quality panel with window cut out. On the right is colored visible quality panel with upper cut under the slope.



**Thank you for choosing Woodsons!**

We look forward to serving you and meeting your wood panel needs.

Woodsons Team