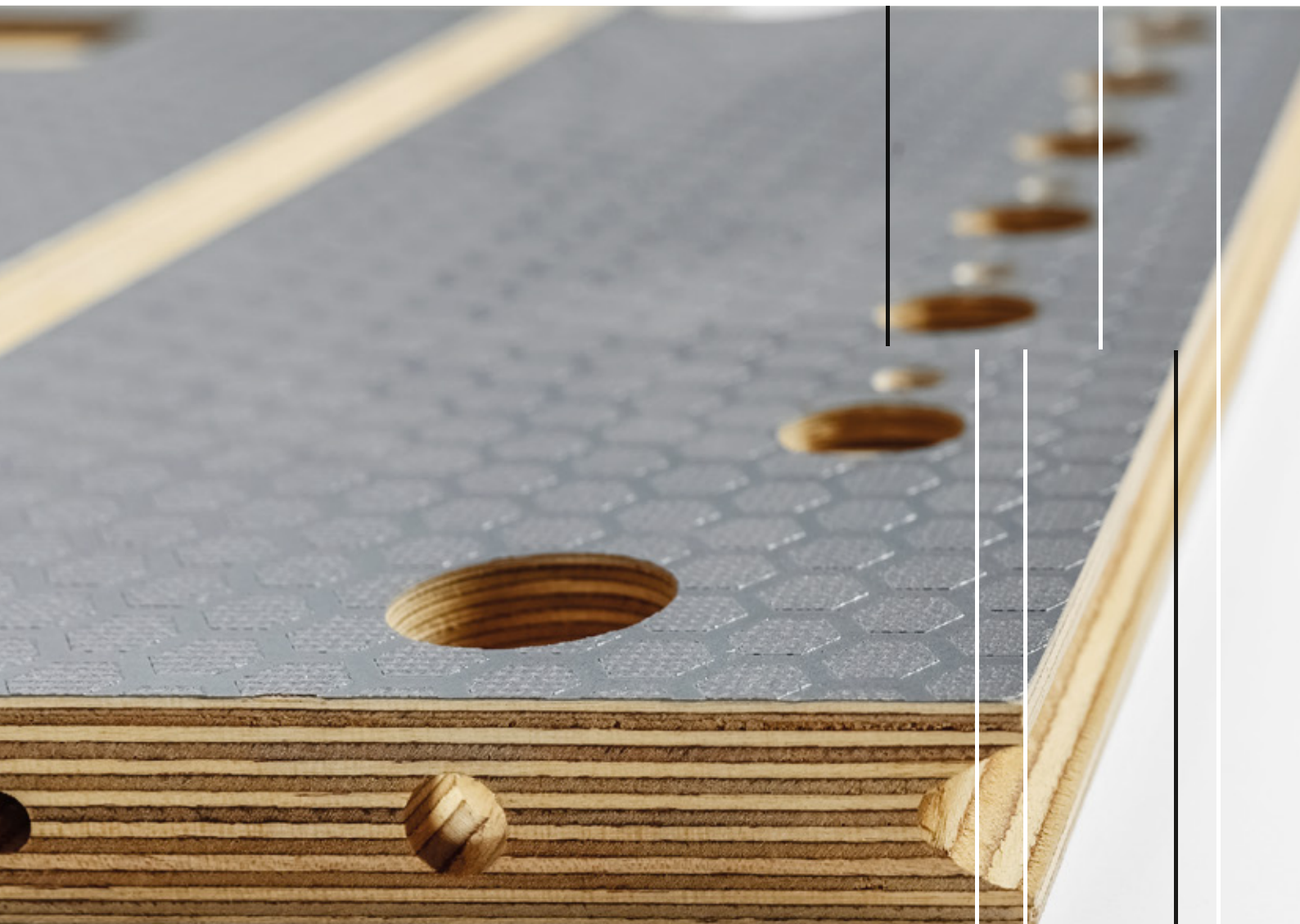


Tailored birch plywood solutions

Surface, edge machining, and finishing options





Riga Wood birch plywood products are developed with a focus on quality and targeted applications, bearing in mind the specifics of each industry. Plywood is a versatile material and, by applying various overlays and processing techniques, one can realise even the most ambitious projects.

Machining options

Riga Wood birch plywood has excellent machinability due to its core quality, accurate thickness, and consistent surface. All Riga Wood products, either raw, coated, or overlaid, can be further processed with high geometrical accuracy into ready for use components.

Cutting-to-size

In addition to our wide range of standard sizes, all Riga Wood products can be cut-to-size via our large in-house facilities providing highly accurate, clean-cut dimensions regardless of grain direction.

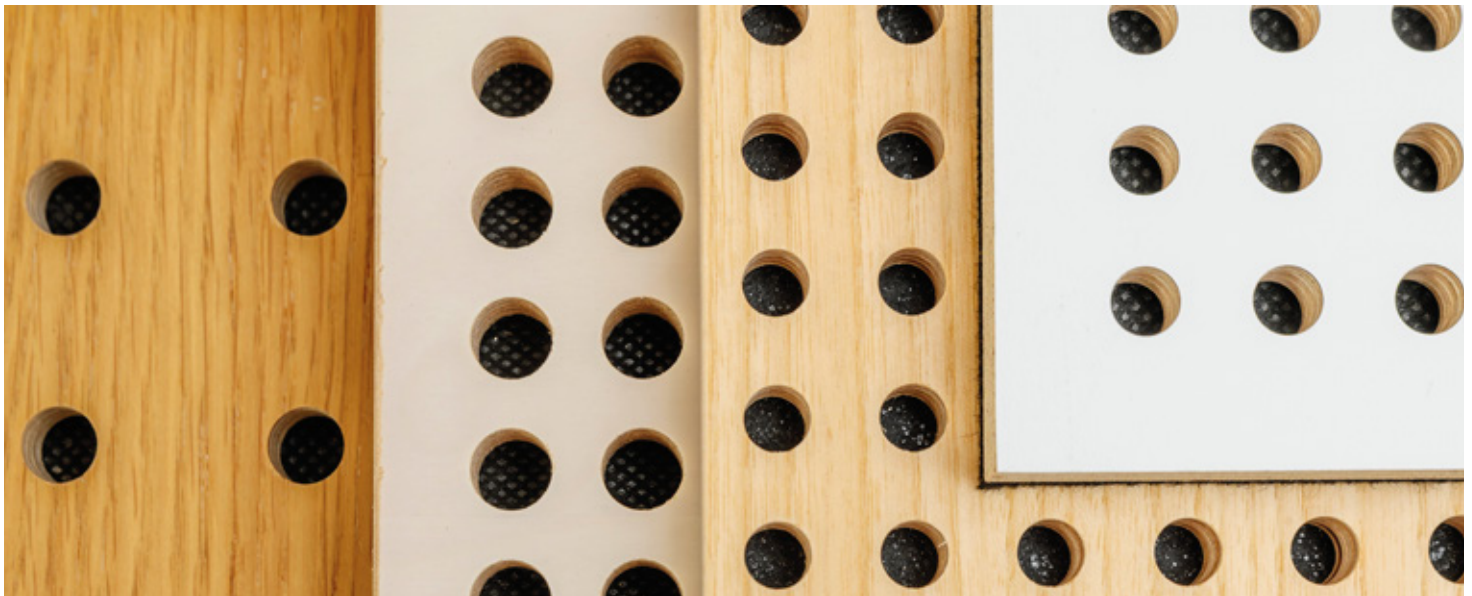


CNC-machining

With perfect flatness and evenness of both face and core veneers, Riga Wood plywood ensures high-quality CNC machining and break-out free cutting, thus saving our customers precious time and manpower. Our extensive facilities offer CNC machining for:

- milling
- drilling
- blind and through holes
- profiling and sanding of edges

Including 5-axis CNC machining possibilities.



Perforated and grooved Acoustic panels are designed to improve sound insulation and acoustic performance – please see www.rigawood.com for further information.

Edge Machining

Edge-machined panels make plywood installation faster and easier, improving structural strength and stability. Plywood panels are processed on automated lines, making the connecting edges perfectly cut for creating a uniform surface. Standard edges and profiles are presented below. Customised solutions, edge sealing, other profiles and specific tolerances are available upon request.

Standard profiles



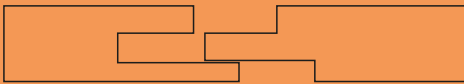
H-TG1



H-TG2



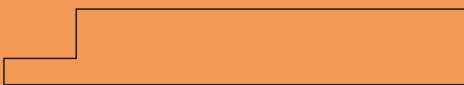
H-TG3



H-TG4



Half lap H-PS



Partial groove H-DG



Groove H-G



Profile for table tops H-M 1



Profile for table tops H-M 4



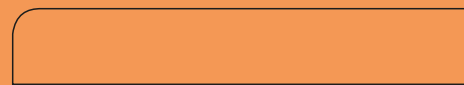
Profile for table tops H-M 5



Profile for table tops H-M 11



Chamfer H-L



Rounding H-R

Bespoke finishing

Riga Wood has a wide range of products for applications where both functionality and specific finishing are needed. Plywood is a very versatile material and panels can be finished in many different ways, coating and overlaying included. Multi-layer constructions and underlays are possible.

Coating plywood

Priming, painting, lacquering, staining and impregnation

Different coatings improve different plywood properties, visual appearance, durability, chemical and weather resistance included. Different application technologies are possible (spraying, roller coating, and curtain coating) for most dimensions.

Riga Wood panels have a smooth and durable surface, which is suitable for a variety of finishes:

- priming with UV hardening (UV) primer
- painting with CC-INT acid and solvent based colour or epoxy paint
- lacquering with acid catalysed solvent based (LC), acrylic polyurethane (LPU) or UV hardening lacquering coating (LUV)
- staining with water base stains
- surface treatment with wood preservatives
- epoxy paint coating with plastic shots
- flame retardant lacquer (FRC)



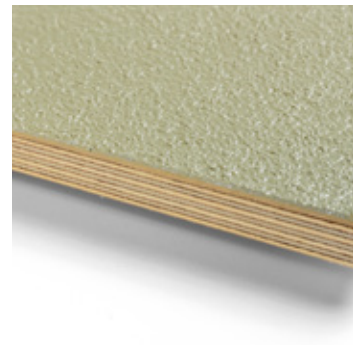
Primer



Epoxy paint



Lacquering



Epoxy with plastic shots



Riga Wood plywood undergoing tests for outdoor durability in Riga, Latvia – a total of 180 boards with more than 70 different finishes and coatings were installed in this long-term research project.

Riga Wood experts will advise on the most appropriate finishing depending on the end use.

Overlaying plywood

Applying overlays significantly expands the already wide range of plywood end uses. Different overlays can be used to improve specific properties, for example, wear, moisture, scratch, and surface impact resistance, plus visual appearance.

Standard options include:

Veneering with rotary cut or sliced veneer



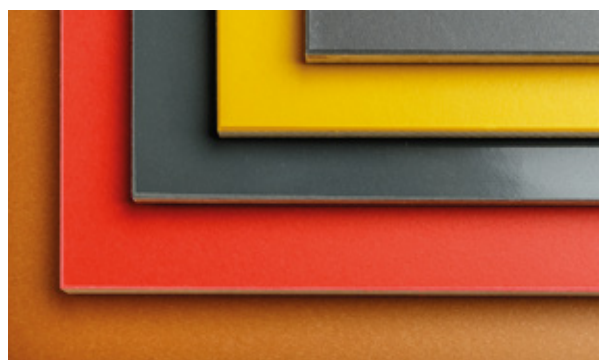
Overlaying with CPL and HPL



Overlaying with rubber, cork, aluminium and other materials



Overlaying with highly durable WPC



Individual approach and solutions

The broad competence accumulated through many years gives our Riga Wood team of experts the ability to choose the best solutions for every project our customers propose. Riga Wood provides the full circle, from inspiration to installation.

Scarf jointed panels



Assembly of panels with complementary materials



Composite structures



Printing on panels



Custom printed films



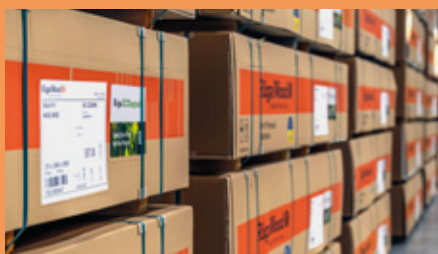
Precise drawing based on customers' sketches



Assembling in sets



Packaging / Wrapping



Individual logistics solutions





Technical data

Size

	Length	Width	Thickness
Coating	up to 4000 mm	up to 1525 mm	6.5 – 30 mm
Overlaying	up to 3360 mm	up to 1525 mm	up to 50 mm
Cutting-to-size	100 – 4100 mm	20 – 4000 mm	up to 120 mm
CNC machining*	Machining and finishing to customer specification - contact our sales support for details: info@rigawood.com		
Edge machining	up to 4200 mm	up to 3500 mm	up to 50 mm

Tolerances

	Length and width	Squareness of elements	Edge straightness
Cutting-to-size	up to 500 mm \pm 0.5 mm over 500 mm \pm 1 mm	1 mm/m	1mm/m
CNC machining*	Machining and finishing to customer specification - contact our sales support for details: info@rigawood.com		
Edge machining	up to 500 mm \pm 0.5 mm over 500 mm \pm 1 mm	Difference of diagonals: 1 mm	To centre of T&G from base line: 0.5 mm

* Minimum and maximum sizes should be agreed upon

Riga Wood – the market arm of Latvijas Finieris Group

01

Wide product portfolio and services

Numerous standard products and endless variation possibilities.

02

End-use experts

Providing excellent product expertise to our clients to find the best possible solution for each industry.

03

Flexibility and client orientation

Countless tailor-made and customised product and logistics solutions to meet your needs.

04

12 Sales and Product Development Offices

Direct contact to a regional sales office supported by an international manufacturing network.

05

Sustainability

Offering sustainably managed products and brands.

Riga Wood plywood is manufactured in countries with long-term extensive forestry competence. We strongly believe that wood-based products in industrial use are a great option for carbon storage and a big part of the solution to achieve climate change mitigation. Our timber supply chain is certified in line with international sustainable forest management standards and complies with European Union Timber Regulation. By choosing our plywood, you are promoting the best sustainable forestry practices through your products. The key principles of sustainability and responsible governance are deeply rooted in our company's traditions and we aim to further develop our initiatives by actively engaging with stakeholders, material suppliers and clients.

rigawood.com
info@rigawood.com



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LV 1004 Riga, Latvia

The provided information is for reference only and Riga Wood reserves the right to amend and supplement the specifications of manufactured products without prior notice. Wood is a living material. Therefore, each panel is unique and minor differences are possible. Riga Wood does not guarantee a product's compliance with the requirements of any specific purpose.