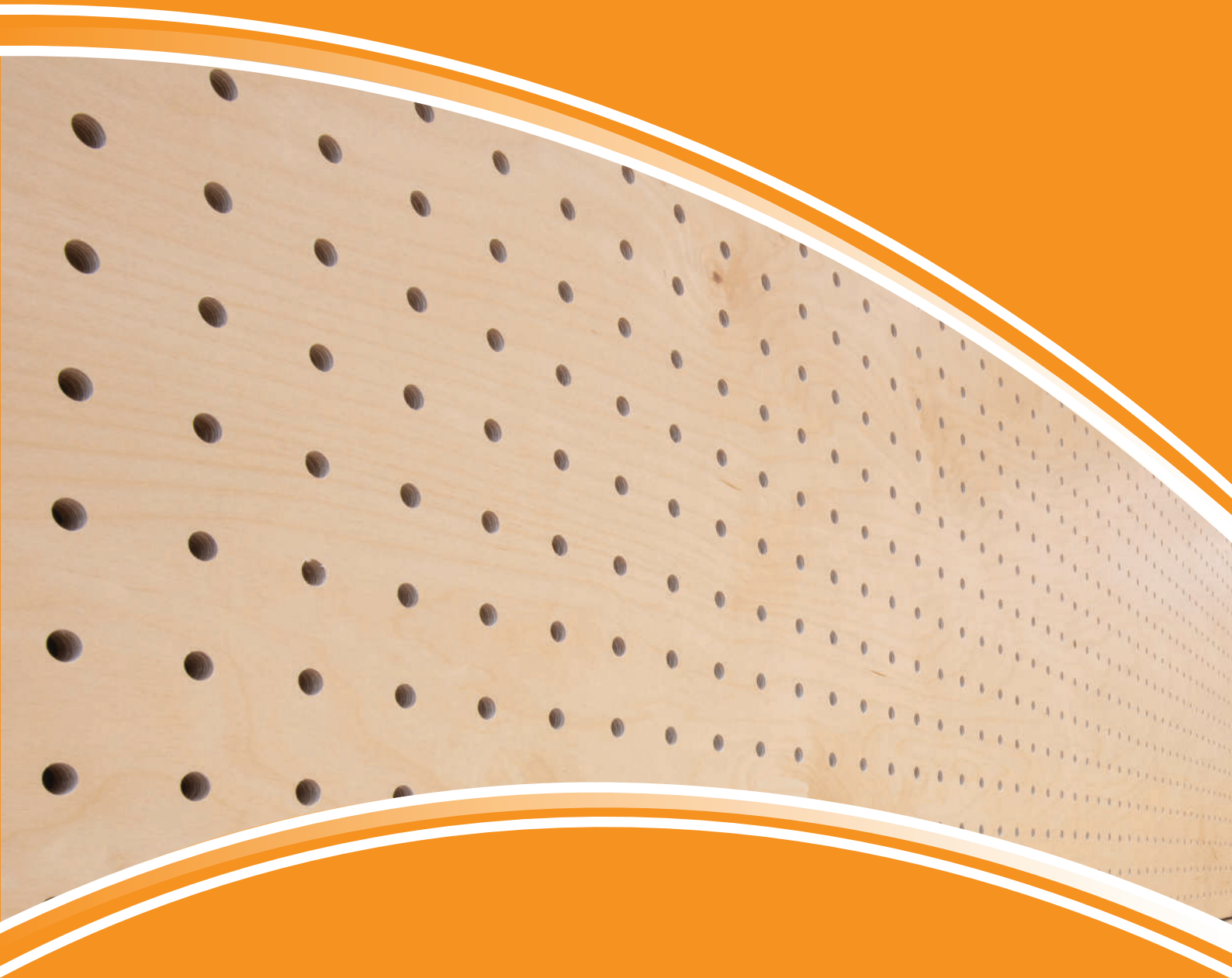


RigaWood 



# ACOUSTIC PANELS PERFORATED



**DECORATIVE PANELS -  
FROM BIRCH PLYWOOD MADE IN LATVIA  
IMPROVEMENT OF ACOUSTIC PROPERTIES IN THE ROOM**

# ACOUSTIC PANELS PERFORATED

## DESCRIPTION

The acoustic panels have a wide range of indoor applications such as wall and ceiling panels, exhibition booth construction and separating wall elements.

Acoustic panels not only improve the quality of sound in the premises, they also create a pleasant atmosphere.

## APPLICATIONS

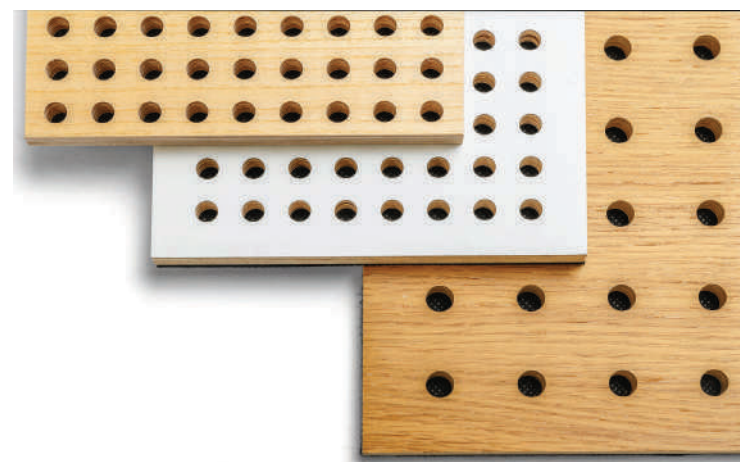
Panels are the best solution for applications where insulation, acoustic performance, durability and design are required.

Perforation diameter and location, well combined, allow the panels to absorb noise and create a healthy, pleasant and more peaceful environment.

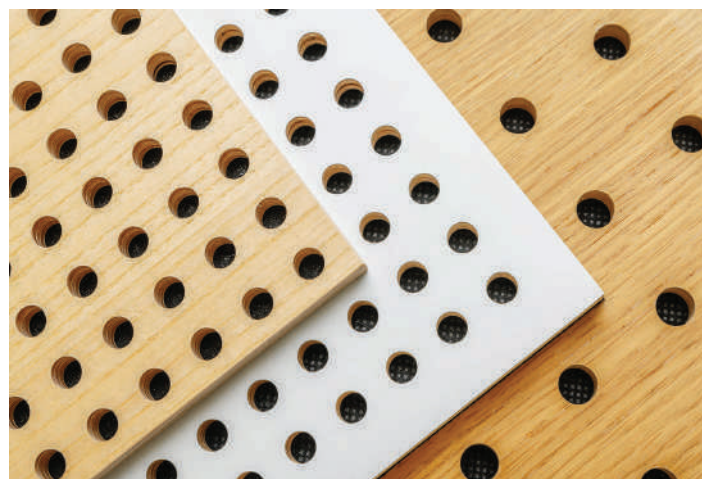
Panels are ready for use, easily mounted and environmentally friendly.

## ADVANTAGES

Decorative surface, easily workable, strong, environmentally friendly.



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## BASIC MATERIAL

Riga Decor



Riga HPL



Riga Lacquer



Riga Ply



\* Information about the characteristics of the material can be found in the specific product data sheets in [www.finieris.lv](http://www.finieris.lv).

## LIGNIN BASED GLUE

Riga **ECO**logical 

Riga ECOlogical is AS Latvijas Finieris technological breakthrough in green gluing solutions. Bio based and renewable lignin is used as a partial replacement for traditional fossil products.

Lignin is a recyclable and ecologically friendly product, abundantly available in the world in trees and planet.

# ACOUSTIC PANELS PERFORATED

## MACHINING AND TREATMENT

Perforation with a distance of 16 mm or 32 mm.  
Perforation diameter: 5, 8, 10, 12 mm.

Distance between drilling centers (mm)	Perforation diameter (mm)	Drillholes, %
16	5	8
	8	19
32	8	5
	10	8
	12	11

According to customer's requirements panels can be machined and treated: T&G, cut-to-size, drilled, milled, lacquered and a nonwoven fabric can be glued on the reverse face of the panel.

## TESTING REPORT

The measurements of the plywood panel sound absorption coefficient are made in cooperation with acoustics laboratory «R&D akustika» according to EN ISO 11654. The following test results are for unvarnished panels.

## CERTIFICATES



ISO 9001:2015



The mark of responsible forestry  
FSC® certificate of timber supply



ISO 14001:2015

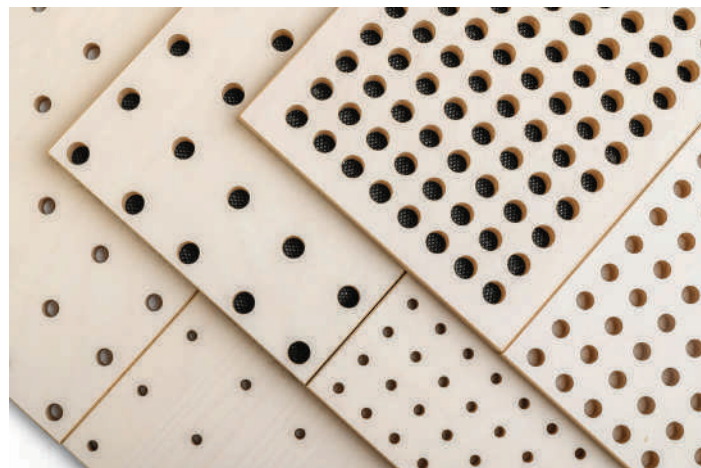


Promoting Sustainable Forest Management  
PEFC certificate of timber supply (AS Latvijas Finieris)

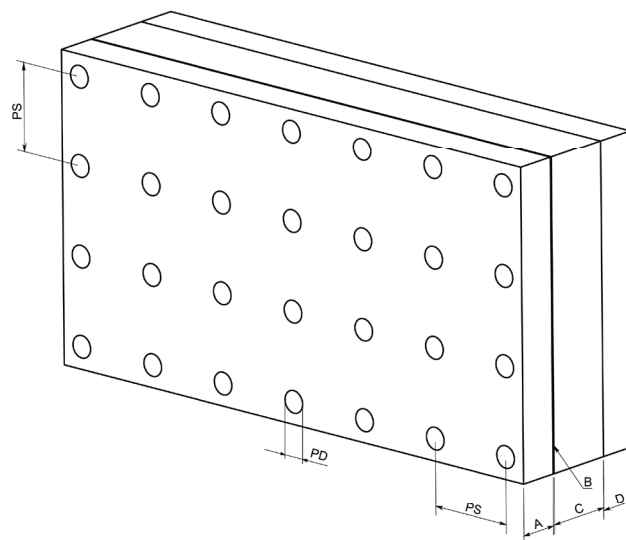


ISO 50001:2018

# RigaWood



## CONSTRUCTION



A	Plywood	Thickness: 9, 12, 15 or 18 mm
B	Nonwoven fabric	Density: 60 g/m <sup>3</sup>
C	Mineral wool	Density: 80 kg/m <sup>3</sup>
D	Air Gap	
PD	Perforation diameter	5 - 12 mm
PS	Perforation step (distance between drilling centers)	16 or 32 mm

The given information is for reference only and SIA Troja reserves the rights to amend and supplement the specifications of manufactured products without a prior notice.



[www.troja.lv](http://www.troja.lv)  
[www.trojaspaneli.lv](http://www.trojaspaneli.lv)  
[www.trojasmebeles.lv](http://www.trojasmebeles.lv)