

## Product

Birch plywood impregnated with fire retardant.

## Types

- Riga Ply (raw plywood), BB/BB, BB/WG or WG/WG;
- Riga Form overlaid on one face with a dark brown phenol film (F I/BB, F I/WG).

## Fire classes / standards

According to need Riga Ignisafe is possible to be impregnated in conformity to:

- C class according to EN 13501 (application – walls and ceiling);
- B class according to EN 13501 (normally required in higher risk areas such as escape routes and staircases);
- M1 class according to French Standard NF F 16101 (requirements for materials with application in railway industry).

## Applications

Anywhere where high fire safety is required – mostly in transport and building industry.

- Riga Ignisafe is meant for interior applications (epoxy, polyurethane and alkyd paints are recommended);
- In outdoor use the surface must be protected by paint (water-soluble latex paint).

Finishing material can significantly affect conformity to the fire class.

Painting should be done according to the paint manufacturer's instructions.

Riga Ignisafe must not be heated above 100°C.

## Advantages

- Riga Ignisafe significantly slows down fire spread, reduces heat and smoke generation, ensures extra evacuation time, thus saves lives and restricts damage costs;
- Riga Ignisafe can be painted and glued.

## Gluing classes

Plywood is bonded with a phenol resin adhesive resistant to weather, boiling water and meets the requirements of the EN 314 / 3<sup>rd</sup> class.

## Formaldehyde emission

In accordance with the standard EN 13986 formaldehyde emission meets the Class E1 requirements. Test method EN 717 Part 2.

## Overlaying

Riga Ignisafe is without overlay or is overlaid on one face with a dark brown phenol film.



# RIGA<sup>®</sup>

# IGNISAFE



### Impregnation

Plywood is impregnated with a fire retardant. Impregnation can affect strength parameters; however they will exceed standard minimum requirements.

### Sizes

1220 mm x 2440 mm  
1250 mm x 2500 mm  
1220 mm x 3000 mm  
1250 mm x 3000 mm

Cut-to-size panels and machined panels available in accordance with the customers' requirements.

### Thickness

9, 12, 15, 18, 21, 24 mm.  
Other thicknesses available upon requests.

### Tolerance

Riga Ply and Riga Form size and right angle tolerances meet the standard EN 315 requirements. Slight changes in tolerance parameters are possible after plywood impregnation.

Nominal thickness, mm	9	12	15	18	21	24
Number of plies	7	9	11	13	15	17
Average actual thickness, mm	9.2	12.0	14.9	17.7	20.5	23.4
Lower limit, mm	8.8	11.5	14.3	17.1	20.0	22.9
Upper limit, mm	9.5	12.5	15.3	18.1	20.9	23.7

Parameter	Tolerance
Length, width (mm)	
< 1000	± 1 mm
1000...2000	± 2 mm
> 2000	± 3 mm
Right angle	± 0.1 %
Edge straightness	± 0.1 %

Plywood is manufactured by AS Latvijas Finieris whose Quality Management System is certified to the requirements of ISO 9001 by Bureau Veritas Certification.



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