BUREAU VERITAS
Certification

LATAK S2-424

Certification

Awarded to

A/S "Latvijas Finieris"

A/S Administrācija: Bauskas iela 59, Rīga, LV-1004, LATVIA
Rūpnīca LIGNUMS: Platā iela 38, Rīga, LV-1016, LATVIA
Rūpnīca Furniers: Bauskas iela 59, Rīga, LV-1004, LATVIA
Rūpnīca Hapaks: Gaigalas iela 41, Rīga, LV-1016, LATVIA
Iekārtu rūpnīca: Lignuma iela 2, Rīga, LV-1016, LATVIA

Bureau Veritas Certification certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standard detailed below

STANDARD

LVS EN ISO 9001:2009

identical to EN ISO 9001:2008

SCOPE OF CERTIFICATION

DEVELOPMENT, MANUFACTURING AND SALES OF PLYWOOD AND PLYWOOD PRODUCTS. METAL PROCESSING AND MECHANICAL ENGINEERING.

Certification cycle start date: 11 June, 2014

Subject to the continued satisfactory operation of the organisation's Management System, this certificate is valid until: 10 June, 2017

Original Certification date: 10 June, 1999

Certificate Number: LVRIG01014A

Certification Manager

Certification body address: Bureau Veritas Latvia SIA, Duntes street 17a, Riga, LV-1005, Latvia

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation. To check this certificate validity please call +371 67323246

BUREAU VERITAS
Certification

LATAK S2-424

Certification

Awarded to

A/S "Latvijas Finieris"

Rūpnīca LIGNUMS: Platā iela 38, Rīga, LV-1016, LATVIA

Bureau Veritas Certification certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standard detailed below

STANDARD

LVS EN ISO 14001:2005

identical to EN ISO 14001:2004

SCOPE OF CERTIFICATION

DEVELOPMENT, MANUFACTURING AND SALES OF PLYWOOD AND PLYWOOD PRODUCTS.

Certification cycle start date: 15 February, 2014

Subject to the continued satisfactory operation of the organisation's Management System, this certificate is valid until: 14 February, 2017

Original Certification date: 14 February, 2003

Certificate Number: LVRIG01014B

Certification Manager

Certification body address: Bureau Veritas Latvia SIA, Duntes street 17a, Riga, LV-1005, Latvia

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation. To check this certificate validity please call +371 67323246

Fraunhofer
WKI

Fraunhofer-Institute for Wood Research
Wilhelm-Klauditz-Institut WKI
Bienroder Weg 54 E, 38108 Braunschweig, Germany

Certificate of Factory Production Control

0765-CPR-0372

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Birch plywood EN 636-2 S

phenol-formaldehyde (PF) | unfaced/laminated | EN 636-2 S; EN 314 class 3
for internal use as structural component in humid conditions

placed on the market by

A/S Latvijas Finieris
Bauskas iela 59
1004 Riga
Latvia

and produced in the factory

A/S Latvijas Finieris
mill "Lignums"
Plata iela 38
1016 Riga
Latvia

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

DIN EN 13986:2004

under system 2+ are applied and that the factory production control fulfills all the prescribed requirements set out above.

This certificate was first issued on 13 February 2014 and will remain valid as long as the test methods and factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

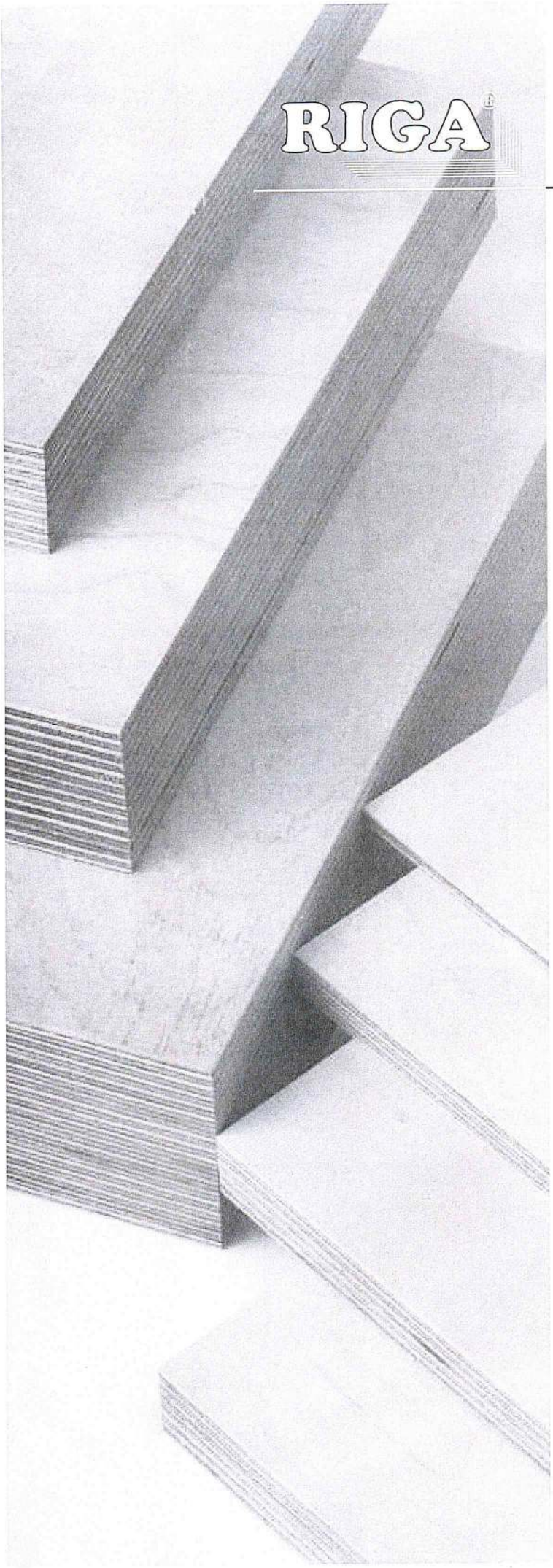
Braunschweig, 13 February 2014

Dipl.-Ing. Harald Schwab
Head of the Testing, Supervision
and Certifying Body

DAkkS
Deutsche
Akkreditierungsstelle
D-ZE-11140-02-00

Durch die DAkkS nach DIN EN 45011 akkreditierte Zertifizierungsstelle

CE
EC notified 0765



PLY

Product

Birch plywood sanded on both the sides. Birch plywood has a wide range of application.

Construction

Plywood is composed of 1.4 mm thick veneers by cross bonding. Face veneers can be both long grain and cross grain.

Grades

Grades of Riga Ply are defined according to company's technical specifications developed in accordance with SFS 2413, as well as on the basis of International Organization for Standardization 139. Technical Committee II Working Group quality requirements, recommendations and regulations on plywood with outer plies made of peeled birch veneers (1994). In some points, there are more strict and specific quality requirements than in International documents:

- B(I) - for high quality painting, staining and lacquering;
- S(II) - for good quality painting, staining and lacquering;
- BB(III) - standard grade (plugged), for interior paint finish and coating with transparent and non-transparent thicker overlays and films, and also veneering;
- WGE - plywood of WG grade without open defects (repaired with epoxy filler), for coating with non-transparent finishing material;
- WG(IV) - for use where surface appearance is not important, reverse grade.

Further processing

Riga Ply can be processed in many different ways, including film overlaying, painting, lacquering, oiling, scarf jointing, machining, half lap, tongue & groove jointing etc.

Applications

Riga Ply has a wide range of application for interior and exterior use: building and construction, transport, packaging, furniture, joinery, sports equipment, children toys and other applications.

Advantage

Environmentally friendly, durable, easily workable.

Formaldehyde emission

In accordance with the standard EN 13986 the formaldehyde emission meets the Class E1 requirements (test method EN 717 Part 2). Riga Ply glued with phenol-formaldehyde resins meets the CARB Phase 2 and Japanese 4-Star Regulation's requirements.

LATVIJAS FINIERIS

AKCIJU SABIEDRĪBA

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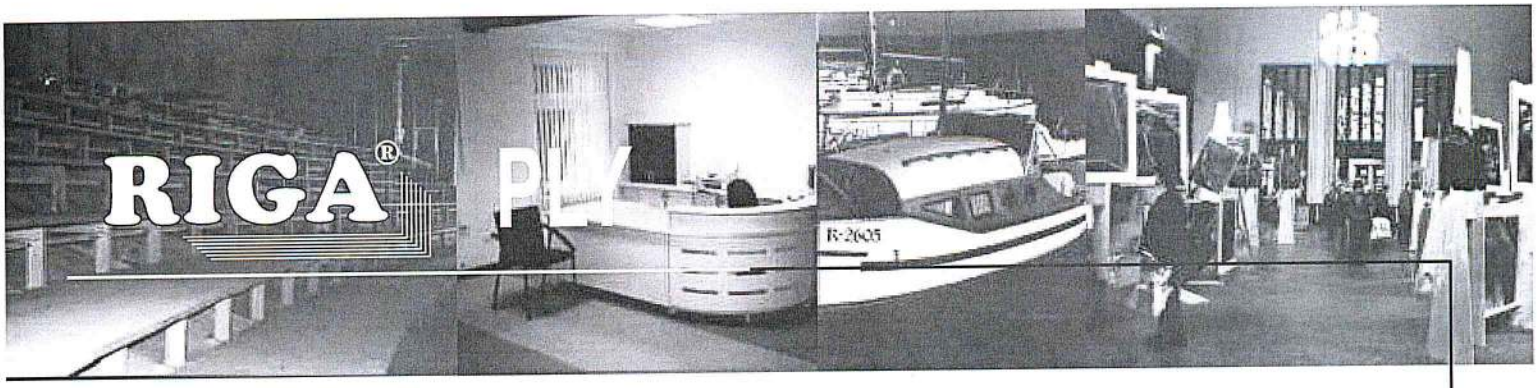
http://www.finieris.com



Gluing classes

Riga Ply is glued with phenol resin adhesive which is weather and boil-proof and meets the requirements of the following standards:

EN 314 / 3rd class;
BS 1203 / H 4 (previously WBP);
DIN 68705 Part 3 / type BFU 100.

It is also possible to glue plywood with moisture resistant urea-formaldehyde adhesive resin which is modified with melamine (meets the requirements of EN 314 / 1st class and BS 1203 / H2).

Sizes

1220 mm x 2440 / 3050 mm
1250 mm x 2500 / 3000 mm
1500 mm x 2500 / 3000 mm
1525 mm x 2400 / 3050 / 3660 mm
2150 mm x 3050 / 3340 / 3850 mm
2500 mm x 1250 mm

Long grain plywood panels with the length up to 2500 mm are also available.
Cut-to-size panels and machining available in accordance with the customers' requirements.

Thickness

4, 6.5, 9, 12, 15, 18, 21, 24, 27, 30, 35, 40, 45, 50 mm.

Tolerance

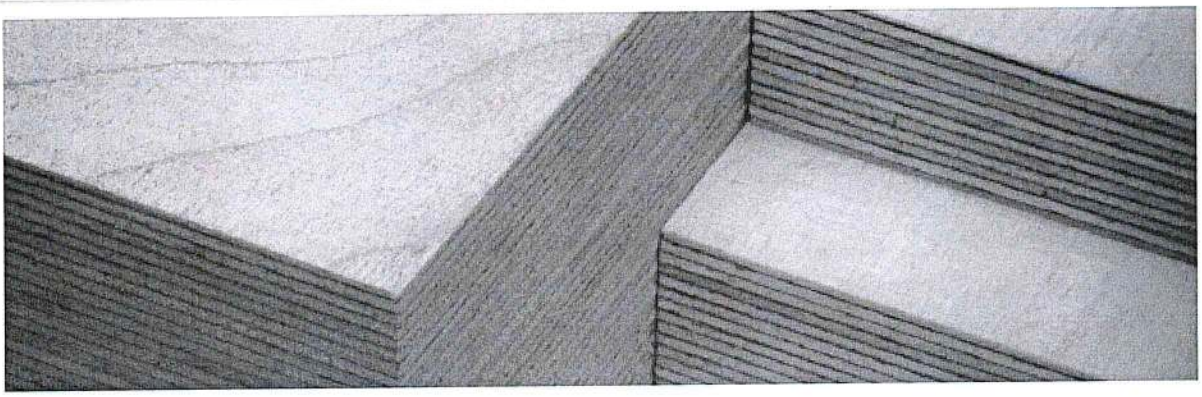
Dimensional and right angle tolerance meets the standard EN 315 requirements.

Nominal thickness, mm	4	6.5	9	12	15	18	21	24	27	30	35	40	45	50
Number of plies	3	5	7	9	11	13	15	17	19	21	25	29	32	35
Average actual thickness, mm	3.8	6.4	9.2	12.0	14.9	17.7	20.5	23.4	26.5	29.4	35	38.7	43.6	49.6
Lower limit, mm	3.5	6.1	8.8	11.5	14.3	17.1	20.0	22.9	25.8	28.7	33.6	38.4	43.3	48.1
Upper limit, mm	4.1	6.9	9.5	12.5	15.3	18.1	20.9	23.7	26.8	29.9	35.4	41.2	46.6	51.7

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.

ISO 9001
BUREAU VERITAS
Certification



Riga Ply

Birch plywood sanded on both the faces. Birch plywood has a wide range of application. Plywood is composed of 1.4 mm thick veneers by cross bonding. Riga Ply is the basis for all other types of plywood products.

Grades

- B (I) - for high quality painting, staining and lacquering.
- S (II) - for good quality painting, staining and lacquering.
- BB (III) - standard grade (plugged), for interior paint finish and coating with transparent and non-transparent thicker overlays and films, and also veneering.
- WGE - plywood of WG grade without open defects (repaired with epoxy filler), for coating with non-transparent finishing material.
- WG (IV) - for use where surface appearance is not important, reverse grade.

Advantages

Environmentally friendly, durable, easily workable.

Applications

Riga Ply has a wide range of application for interior and exterior use: building and construction, transport, packaging, furniture, joinery, sports equipment, children toys and other applications.

Sizes

- 1220 mm x 2440 / 3050 mm
- 1250 mm x 2500 / 3000 mm
- 1500 mm x 2500 / 3000 mm
- 1525 mm x 2400 / 3050 / 3660 mm
- 2150 mm x 3050 / 3340 / 3850 mm
- 2500 mm x 1250 mm

Long grain birch plywood panels with the length up to 2500 mm are also available. Cut-to-size panels and machining available in accordance with the customers' requirements.

Thicknesses

4, 6.5, 9, 12, 15, 18, 21, 24, 27, 30, 35, 40, 45, 50 mm.