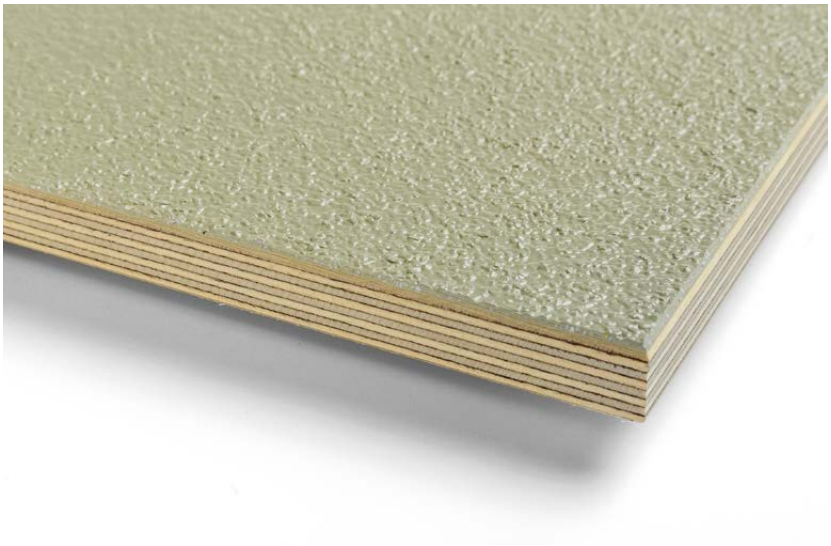

RigaWood
Latvijas Finieris Group

Riga Grip

Riga Grip combines birch throughout plywood with high-quality epoxy paint system coating with plastic shots, to improve mechanical properties for customised varieties of industrial end uses.

Applications

Riga Grip is a durable speciality panel for industries where it is important to have a hard, wear resistant, hygienic and easy-to-clean surface which can withstand both mechanical and chemical stress.

ROAD TRANSPORT
Reefer trailers
Speciality trailers
Heavy commercial vehicles
Heavy trailers

SEA TRANSPORT
Cargo ships
Containers

LIGHT BUILDING
Industrial flooring

Major advantages

Abrasive surface ensures underfoot safety and a safe surface for freight transport Durable, wear resistant and highly thermal resistant surface Resistant to moisture and temperature variations
Epoxy paint coating system improves mechanical properties
Surface is resistant to commonly used chemicals and surface impact
Easy and quick to install Sustainable product with long life span

Further processing

Panels can be further processed according to customer's specification; the plastic shots do not hinder or slow machining.

Coating and surface properties

Riga Grip is coated with a water-based epoxy paint system, to which plastic shots (0.6-0.8 mm) are added. Plastic shots are produced mainly from UREA type components; it is a high quality ecological abrasive. The durable coating creates a high-quality impact and wear resistant surface.

Film colour

Standard colour: grey TVT0229 (ca. RAL7030), other colours available upon request.

Edge sealing

The edges are sealed with colour matched moisture resistant paint. Other colours are available upon request.

Panel sizes

1220 / 1250 mm x 2440 / 2500 / 2745 / 2750 / 3000 / 3050 / 3340 / 3660 mm
1500 / 1525 mm x 2440 / 2500 / 2745 / 2750 / 3000 / 3050 / 3340 / 3660 mm

Standard thicknesses

Plywood panel nominal thicknesses are 6.5, 9, 12, 15, 18, 21, 24, 27, 30, 35, 40, 45, 50 mm.
To the indicated values, plastic shot coating thickness should be added.

Gluing classes

Riga Wood birch plywood is glued with weather and boil-proof phenol formaldehyde or lignin phenol formaldehyde resin adhesive according to EN 314/Class 3 Exterior.

Formaldehyde emission

Riga Wood birch plywood formaldehyde emission level is significantly below EN 13986 Class E1 and complies with EPA TSCA Title VI and CARB Phase 2.

Riga Grip

Tolerance

Nominal thickness, mm	6.5	9	12	15	18	21	24	27	30	35	40	45	50
Number of plies	5	7	9	11	13	15	17	19	21	25	29	32	35
Lower limit, mm	6.1	8.8	11.5	14.3	17.1	20	22.9	25.8	28.7	33.6	38.4	43.3	48.1
Upper limit, mm	6.9	9.5	12.5	15.3	18.1	20.9	23.7	26.8	29.9	35.4	41.2	46.4	51.5

Moisture content affects plywood dimensions; indicated sizes and thicknesses relate to a moisture content 9 ± 3%.

Parameter	Tolerance
Length, width (mm) < 1000	± 1 mm
Length, width (mm) – 1000..2000	± 2 mm
Length, width (mm) > 2000	± 3 mm
Squareness tolerance	± 1 mm/m
Edge straightness	± 1 mm/m

Size, squareness and thickness tolerances fulfil the requirements of EN 315.
Customised tolerances available on request.

Sustainability

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. 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.

Storage

Plywood must be stored in a well ventilated, weather protected area with the panels stacked both horizontally and level.

Additional information is available in the Riga Wood plywood handbook:
https://www.finieris.com/en/downloads/brochures