



BIRCH • PRIME
PREMIUM PLYWOOD SOLUTIONS

ENGINEERED FOR STRENGTH. DESIGNED FOR PERFORMANCE.

High-quality birch plywood and formwork panels built to deliver exceptional strength, durability and reliability on every project.



FILM FACED PANELS

Premium formwork panels for concrete construction.



BIRCH PLYWOOD

High-quality birch plywood for industrial and commercial use.



INDUSTRIAL FORMWORK SOLUTIONS

Reliable systems for beams, walls, columns and slabs.



WORLDWIDE SUPPLY

Reliable logistics and on-time delivery to all major markets.



PREMIUM QUALITY

Carefully selected materials and strict quality control.



CERTIFIED MATERIALS

Manufactured in accordance with EN standards.



BIRCH • PRIME
PREMIUM PLYWOOD SOLUTIONS

YELLOW PREMIUM FORMWORK PANELS

AA, BB

High-performance film faced birch plywood panels with a yellow phenolic surface. Engineered for concrete formwork applications, providing excellent strength, durability and multiple reusability.



STRONG & DURABLE

High load-bearing capacity for demanding construction projects.



MOISTURE RESISTANT

Phenolic film protects against moisture, water and chemicals.



SMOOTH SURFACE FINISH

Ensures high-quality concrete finish and easy release.



HIGH REUSABILITY

Designed for multiple uses, reducing your overall cost.

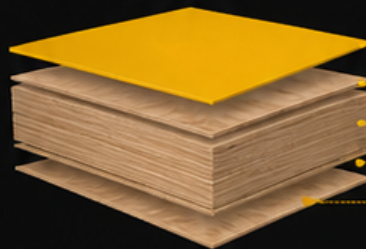


PREMIUM BIRCH VENEER

Manufactured using high-quality birch veneers for stability and strength.



PANEL STRUCTURE



- Yellow Phenolic Film
- Birch Veneer
- Cross-bonded Core
- Birch Veneer
- Yellow Phenolic Film

The yellow phenolic film provides excellent protection against wear, moisture and chemicals, ensuring long-lasting performance and high quality surfaces.



SIZES AVAILABLE

1220 x 2440 mm
1250 x 2500 mm
625 x 2500 mm



THICKNESSES

6 – 30 mm
(Other thicknesses available on request)



BONDING

EN 314-2 / Class 3
Exterior



EMISSION

EN 13986
E1



REUSABILITY

Up to 20 – 80 uses depending on handling and use



BIRCH • PRIME
PREMIUM PLYWOOD SOLUTIONS

BIRCH PLYWOOD

High-quality birch plywood engineered for strength, stability and precision. Ideal for furniture, interiors, transport applications and industrial use.



PREMIUM BIRCH VENEERS

Made from rotary-cut birch veneers for superior quality and consistency.



STRONG & STABLE

Cross-bonded construction provides high strength and excellent dimensional stability.



MOISTURE RESISTANT

Special bonding process increases resistance to moisture and humidity.



ECO-FRIENDLY

Produced with E1 low emission glue. Sustainable and environmentally responsible.



PRECISE & SMOOTH SURFACE

Ideal for CNC machining, finishing, laminating and painting.



WIDE RANGE OF APPLICATIONS

Furniture, cabinetry, interior design, packaging, vehicle floors, and more.

PLYWOOD GRADES



BB/BB

High quality, smooth surfaces on both sides. Ideal for furniture and decorative applications.



BB/CC

One side high quality (BB), other side natural (CC). Ideal balance of quality and economy.



CC/DD

Both sides natural. Suitable for construction, flooring and industrial applications.



WG(CP)

WBP glue for exterior use. Suitable for demanding and humid environments.



THICKNESSES

4 – 30 mm
(Other thicknesses available on request)



STANDARD SIZES

1220 x 2440 mm
1250 x 2500 mm
625 x 2500 mm



GLUE OPTIONS

E1 (Interior)
WBP (Exterior)



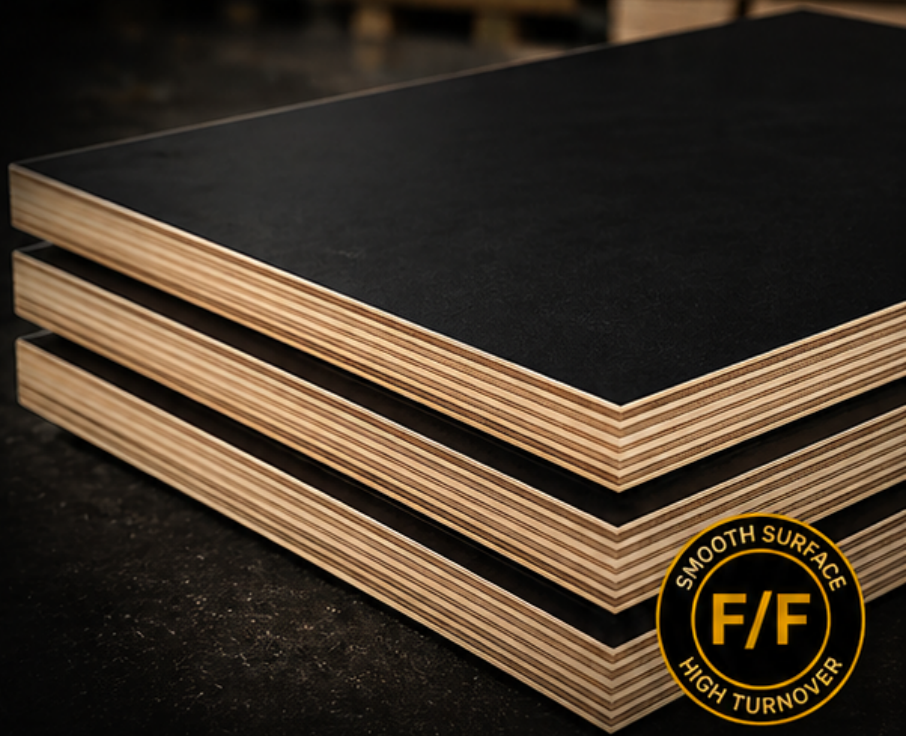
QUALITY CONTROL

Manufactured according to EN standards with strict quality control.



BIRCH • PRIME
PREMIUM PLYWOOD SOLUTIONS

LAMINATED PLYWOOD FILM FACED PANELS - F/F



High-quality laminated plywood panels with smooth phenolic film on both sides. Designed for concrete formwork where a high-quality finish is required.



WATER RESISTANT

Smooth phenolic film protects against moisture and chemical exposure.



HIGH DURABILITY

Strong bonding and high-quality veneers ensure long-lasting performance.



SMOOTH FINISH

Provides excellent concrete finish and reduces the need for rework.



MULTIPLE REUSE

High surface resistance allows for multiple reuses (high turnover).



ECO FRIENDLY

Produced with low emission glue (E1). Environmentally responsible.

TECHNICAL SPECIFICATIONS

NOMINAL THICKNESS (mm)	PLYWOOD LAYERS	THICKNESS (mm)		WEIGHT (kg/m ²)
		MIN.	MAX.	
9	7	8,8	9,5	6,1
12	9	11,5	12,5	8,2
15	11	14,3	15,3	10,2
18	13	17,1	18,1	12,2
21	15	20,0	20,9	14,3
24	17	22,9	23,7	16,3
27	19	25,2	26,8	18,4
28	20	26,6	28,2	19,4
30	21	28,1	29,9	20,4

- Tolerances (Length/Width): 1000 mm ± 1 mm
- Squareness: ± 1 mm / 1000 mm

STANDARD SIZES



LENGTH (L)
2440 mm
2500 mm

WIDTH (W)
1220 mm
1250 mm
625 mm

Other sizes available upon request.

APPLICATIONS



Concrete formwork



Industrial flooring



Beams and columns



Precast concrete



Slabs and walls



Infrastructure projects



WORLDWIDE SUPPLY

Reliable logistics and on-time delivery to all major markets.



PREMIUM QUALITY

Carefully selected materials and strict quality control at every production step.



CERTIFIED

Manufactured in accordance with EN 13986 (E1, Exterior).



SUPPORT

Professional support and technical assistance for your projects.



BIRCH PLYWOOD

TECHNICAL INFORMATION

High-quality birch plywood engineered for strength, precision and reliability. Suitable for demanding structural and industrial applications.



 <p>STRONG & STABLE</p> <p>Cross-bonded construction provides high strength and excellent dimensional stability.</p>	 <p>MOISTURE RESISTANT</p> <p>Special bonding process increases resistance to moisture and humidity.</p>	 <p>PRECISE & SMOOTH</p> <p>Machined with precision for a smooth surface and accurate finish.</p>	 <p>ECO FRIENDLY</p> <p>E1 low emission glue. Sustainable and environmentally responsible.</p>	 <p>WIDE RANGE OF APPLICATIONS</p> <p>Ideal for furniture, interiors, transport, packaging and industrial use.</p>
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PLYWOOD GRADES

	<p>BB/BB High quality, smooth surfaces on both sides. Ideal for furniture and decorative applications.</p>
	<p>BB/CC One side high quality (BB), other side natural (CC). Ideal balance of quality and economy.</p>
	<p>CC/DD Both sides natural. Suitable for construction, flooring and industrial applications.</p>
	<p>WG(CP) WBP glue for exterior use. Suitable for demanding and humid environments.</p>

TECHNICAL SPECIFICATIONS


NOMINAL THICKNESS (mm)	PLYWOOD LAYERS	THICKNESS (mm)		WEIGHT (kg/m ²)
		MIN.	MAX.	
4	3	3,6	3,8	2,6
6,5	5	6,1	6,9	4,6
9	7	8,8	9,5	6,3
12	9	11,5	12,5	8,4
15	11	14,3	15,3	10,5
18	13	17,1	18,1	12,6
21	15	20,0	20,9	14,7
24	17	22,9	23,7	16,8
27	19	25,2	26,8	18,9
30	21	28,1	29,9	20,9

- Tolerances (Length/Width): 1000 mm ± 1 mm
- Squareness: ± 1 mm / 1000 mm

STANDARD SIZES

1220 x 2440 mm
1250 x 2500 mm
625 x 2500 mm

Other sizes available upon request.

 <p>WORLDWIDE SUPPLY Reliable logistics and on-time delivery to all major markets.</p>	 <p>PREMIUM QUALITY Carefully selected materials and strict quality control at every production step.</p>	 <p>CERTIFIED Manufactured in accordance with EN 635 standards for plywood.</p>	 <p>EXPERT SUPPORT Professional technical support for your peace of mind.</p>
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BIRCH • PRIME
PREMIUM PLYWOOD SOLUTIONS

GALVANIZED STEEL FRAME FORMWORK PANEL SYSTEM

Engineered steel frame for maximum strength, reusability and precision. Designed to work perfectly with our premium plywood panels for concrete formwork applications.



HIGH STRENGTH

Made of high-quality galvanized steel for superior load-bearing capacity.



CORROSION RESISTANT

Galvanized surface provides excellent protection against rust and harsh construction environments.



PRECISE ENGINEERING

CNC welded structure for perfect fit, alignment and long service life.



REUSABLE & ECONOMICAL

Designed for multiple reuse cycles, reducing overall construction cost.



EASY ASSEMBLY

Compatible with standard accessories for quick and efficient installation.



COMPATIBLE ACCESSORIES



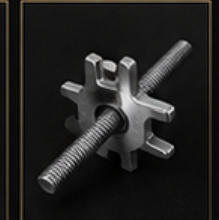
WEDGE CLAMP



ALIGNER



PANEL CONNECTOR



TIE ROD & NUT

STANDARD SIZES (mm)



Other sizes available upon request.

HEIGHT (H)	WIDTH (W)
1220	500
1220	600
1220	750
1220	900
1220	1000
1250	500
1250	750
1250	1000
1500	500
1500	1000

TECHNICAL SPECIFICATIONS

Frame Material	Galvanized Steel
Steel Thickness	1.5 - 2.0 mm
Surface Treatment	Hot-dip Galvanized
Frame Depth	120 mm
Welding	CNC Automatic Welding
Corner Type	Welded / Reinforced
Plywood Compatibility	12 - 21 mm
Max. Concrete Pressure	60 kN/m ²
Reuse Cycles	Up to 80 times*

* Depends on project conditions and proper handling.



WORLDWIDE SUPPLY

Reliable logistics and on-time delivery to all major markets.



PREMIUM QUALITY

Carefully selected materials and strict quality control at every production step.



CERTIFIED PRODUCT

Manufactured in accordance with EN 1090-1 and EN ISO 3834 standards.



EXPERT SUPPORT

Professional technical support for your projects, every step.



BIRCH • PRIME
PREMIUM PLYWOOD SOLUTIONS

SHIPPING PACKING & STORAGE

We ensure that every panel is carefully packed and secured to maintain premium quality during transportation and storage.



STORAGE INSTRUCTIONS

- Panels must be stored horizontally on a flat surface.
- Store in a dry and enclosed area.
- Protect from direct sunlight, rain and moisture.
- Keep panels elevated from the ground using wooden supports.
- Ensure proper ventilation to avoid moisture accumulation.



HANDLING & INSTALLATION

- Use appropriate lifting equipment to prevent damage.
- Transport panels with care to avoid impacts and bending.
- Allow panels to acclimatize to the environment before installation.
- Panels can be painted, coated or laminated as required.

STANDARD DIMENSIONS

YELLOW PREMIUM FORMWORK

AA, BB



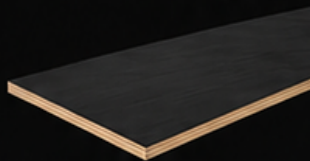
2440 x 1220 mm
2500 x 1250 mm

BIRCH PLYWOOD



1220 x 2440 mm
1250 x 2500 mm
625 x 2500 mm

FILM FACED PLYWOOD



1220 x 2440 mm
1250 x 2500 mm
625 x 2500 mm



TOLERANCES

Length / Width:
1000 mm ± 1 mm

Squareness:
1000 mm ± 1 mm
diagonal



NOTE:

Wood is a natural material. Slight variations in color and surface structure are normal and not a defect. Dimensions and thicknesses are subject to moisture content (8–12%).



QUALITY ASSURANCE

All products are manufactured under strict quality control and in accordance with international standards.



WORLDWIDE SUPPLY

Reliable logistics and on-time delivery to all major markets.



PREMIUM QUALITY

Carefully selected materials and strict quality control at every production step.



CERTIFIED PRODUCTS

Manufactured in accordance with EN standards for plywood and safety.



EXPERT SUPPORT

Professional technical support for your projects, every step.



BIRCH • PRIME
PREMIUM PLYWOOD SOLUTIONS



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BIRCH • PRIME
PREMIUM PLYWOOD SOLUTIONS

PREMIUM
QUALITY
GUARANTEED



QUALITY ASSURANCE



Every Birch Prime panel is manufactured under strict quality control and tested to meet international standards for strength, durability and reliability.

OUR COMMITMENT TO QUALITY



STRICT QUALITY CONTROL

Every panel undergoes multiple quality checks at every production stage.



TESTED PERFORMANCE

Panels are tested for strength, durability, moisture resistance and bonding quality.



CERTIFIED STANDARDS

Manufactured in accordance with EN standards for plywood.



PREMIUM MATERIALS

Carefully selected raw materials for consistent and reliable quality.



PRECISE TOLERANCES

Accurate dimensions and thickness for perfect fit and performance.



CUSTOMER FOCUS

Your satisfaction is our priority. We build long-term partnerships.

TOLERANCES

Length / Width	1000 mm ± 1 mm
Squareness	1000 mm ± 1 mm
Diagonal	1000 mm ± 1 mm

MOISTURE CONTENT



8 – 12%

All panels are conditioned and tested to ensure optimal moisture balance.

PERFORMANCE TESTS

TEST	STANDARD	REQUIREMENT	RESULT
Bending Strength	EN 310	≥ 50 N/mm ²	PASS
Modulus of Elasticity	EN 310	≥ 5000 N/mm ²	PASS
Internal Bond	EN 314-1	≥ 0.8 N/mm ²	PASS
Moisture Content	EN 322	8 – 12 %	PASS
Thickness Swelling	EN 317	≤ 12 %	PASS
Surface Durability	EN 311	≥ Class 1	PASS



RELIABLE
& DURABLE



CONSISTENT
QUALITY



GLOBAL
SUPPLY



SUSTAINABLE
CHOICE

WHY CHOOSE BIRCH PRIME?

Birch Prime panels are trusted by professionals worldwide for their exceptional reliability and performance in the most demanding applications.



BIRCH • PRIME
PREMIUM PLYWOOD SOLUTIONS



legnoprime.com



info@legnoprime.com

STRONG BY NATURE.
ENGINEERED FOR PERFORMANCE.



BIRCH • PRIME
PREMIUM PLYWOOD SOLUTIONS

APPLICATIONS BUILT TO PERFORM

Birch Prime plywood panels are engineered for versatility and reliability across a wide range of industries and construction applications.

From concrete formwork to industrial flooring, our panels deliver the strength, durability and performance you can count on.



HIGH PERFORMANCE

Engineered for strength, stability and long-lasting performance.



VERSATILE USE

Suitable for a wide range of construction and industrial applications.



SUSTAINABLE SOLUTION

Made from renewable birch wood and produced with environmentally responsible processes.



COST EFFECTIVE

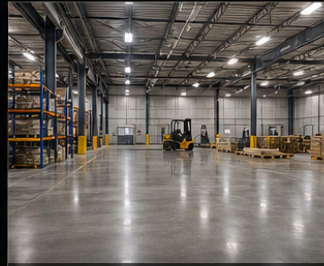
Reusable panels reduce construction costs and increase project efficiency.

RELIABLE SOLUTIONS FOR EVERY PROJECT



01 CONCRETE FORMWORK

Smooth and durable surface ensures excellent concrete finish and high reusability of panels.



02 INDUSTRIAL FLOORING

High-strength panels ideal for industrial floors, platforms and heavy-duty applications.



03 TRANSPORT INDUSTRY

Perfect for truck floors, sidewalls and trailers where durability and impact resistance are essential.



04 BUILDING CONSTRUCTION

Ideal for structural sheathing, wall panels, roofing and other building components.



05 PRECAST CONCRETE

Reliable solution for precast production where dimensional accuracy and surface quality are critical.



06 EVENTS & STAGES

Strong, lightweight and easy to assemble for stages, platforms, exhibitions and event structures.



STRONG. RELIABLE. RESPONSIBLE.
THAT'S BIRCH PRIME.



PREMIUM QUALITY
MATERIALS



CERTIFIED
STANDARDS



WORLDWIDE
SUPPLY



EXPERT
SUPPORT

THANK YOU FOR CHOOSING LEGNOPRIME.

We appreciate your trust in our products and services. Our commitment to quality, innovation and customer satisfaction drives everything we do.



STRONG. RELIABLE. BUILT TO PERFORM.



PREMIUM QUALITY

Carefully selected materials and strict quality control at every step.



PRECISION ENGINEERING

Advanced technology and skilled craftsmanship for high-performing panels.



SUSTAINABLE SOLUTIONS

Environmentally responsible processes for a better and greener future.



GLOBAL RELIABILITY

Trusted by professionals worldwide for consistent quality and performance.



DEDICATED SUPPORT

Our team is always ready to support you at every stage of your project.



LET'S BUILD STRONGER TOGETHER.

Whether you have a project in mind or need expert advice, we're here to help you find the perfect solution.



CONNECT WITH US TODAY



LEGNOPRIME
PREMIUM BIRCH PLYWOOD & FORMWORK PANELS



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