



Ultimate Plywood having excellent physical & mechanical properties



Birchply European WBP Exterior Plywood



Birchply WBP Plywood is high quality light weight multi layered plywood panel made throughout from machine composed birch veneers and faced with a natural whole piece birch veneer of 1.4mm thickness. It is bonded with thermosetting, exterior quality phenolic resin adhesives commonly known as WBP (Weather and Boil Proof) and is compliant California ARB regulations on formaldehyde emissions. It also complies with European E1 standard.

Highlights

- Endurance
- Stability of form
- Minimal voids
- 100% Caliberated core
- Weather & Boil Proof
- High strength to weight ratio
- Attractive surface and edge
- Easy handling & fast installation
- Keeps its properties through a temperature range of - 40°C to +50°C (- 40°F to +122°F)

Specification

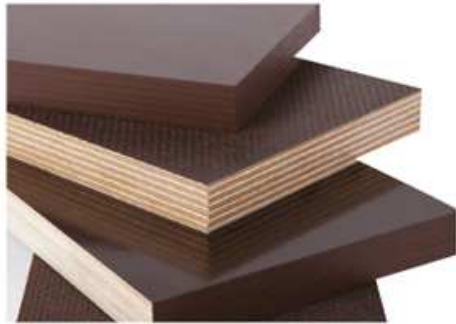
Dimensions, mm	2440 x 1220, 1220 x 2440, 2500 x 1250, 1250 x 2500
Thickness, mm	4, 6, 8, 9, 12, 15, 16, 18, 21, 24
Length (width) tolerance	+/- 2mm
Grade of face veneer	B, BB, Cp & C
Surface quality	sanded two sides S2
Formaldehyde emission class	European E1 & CARB P2
Water resistance	WBP (weather and boil-proof) marked
Moisture content	5-12 %
Minimum Ultimate Strength MPa	
Shear along the glue layer	1.5
Static bending along the grain (outer layer)	25
Tension along the grain	30
Minimum elastic module, MPa	7000
Certification	DIN 68705-3 (WBP only), EN 13986, EN 636-3
Other dimensions are also available on prior arrangement	

Applications

- Laser engraving
- Laser cut die & moulds
- Kitchen cabinets
- Bathroom furniture
- Furniture components
- Musical instruments
- Vehicle industry
- Wooden homes
- Container floors
- Traffic signs and notices
- Electrical panel boards
- Wind turbine blades
- Cold storage cargo holds
- Sound insulation lattice work
- Trade and storage equipment
- Carcass and upholstered furniture
- Internal and external design
- Doors and door surfaces
- Flooring
- Transformers
- Souvenirs
- Ship building
- Sports stadium

Birchply Film Faced Plywood

CARB
COMPLIANT



Film Faced Birch Plywood is ultimate in plywood having excellent physical and mechanical properties. The rigid laminated surface not only prevents moisture absorption but also ensures excellent abrasion resistance in aggressive conditions and smooth finish to concrete formwork. It has been designed to suit any and every application needs of construction industry where durability, versatility, high bending strength, rigidity, stability, accuracy and tolerance to humidity parameters of performance value are critical.

Highlights

- Higher resistance to abrasion
- Strong resistance to most chemicals
- Available in multi thickness & sizes
- Higher water-resistance
- Exceptional durability
- High surface hardness
- Maximum protection against slippage (film with wire mesh surface)

Specification

Dimensions, mm	1220 x 2440, 1250 X 2500, 1525 X 2500, 3000 x 1500
Thickness, mm	9, 12, 15, 18
Base Plywood (for filming)	Exterior Sveza Birch Plywood
Surface quality	Smooth (F/F)
Formaldehyde emission class	European E1 & CARB P2
Edge sealing	Waterproof acrylic paint
Moisture content	5-12 %
Minimum Ultimate Strength MPa	
Shear along the glue layer	1.5
Static bending along the grain (outer layer)	25
Tension along the grain	30
Minimum elastic module, MPa	7000
Other dimensions are also available on prior arrangement	

Applications

- Bus, trolleybus
- Shipping Container
- Railcar
- River and sea-craft
- Trailer and semi-trailer
- Goods van
- Lightweight vehicle
- Commercial vehicle
- Joisted floor
- Flooring
- Scaffolding
- Fencing
- Interior styling
- Formwork
- Roof, wall, ceiling boards
- Facade architectural finish



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