vivre PANELS

BIRCH PLYWOOD

FSC
www.fsc.org
CARB PHASE 2 COMPLIANT
ABOUT US

Journey

Journey that began with a plywood manufacturing unit in East India some 30 years ago, which is still going strong.

Expansion

Expanded into import and mass-market supply of related ply-panel products, veneers, PVC and premium decoratives.

Infrastructure

Set up of centrally-managed regional warehouses and dealers for a pan-India infrastructure: Delhi, Chennai, Kolkata, Hyderabad and Gandhidham.
<table>
<thead>
<tr>
<th>CONTENTS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>INTRODUCTION OF BIRCH PLYWOOD</td>
<td>4</td>
</tr>
<tr>
<td>FEATURES &amp; SPECIFICATIONS</td>
<td>6</td>
</tr>
<tr>
<td>TECHNICAL INFORMATION</td>
<td>8</td>
</tr>
<tr>
<td>FACE VENEER GRADING</td>
<td>11</td>
</tr>
<tr>
<td>FINISHES</td>
<td>13</td>
</tr>
<tr>
<td>BIRCH PLY APPLICATION</td>
<td>20</td>
</tr>
<tr>
<td>PRODUCT CATEGORIES</td>
<td>40</td>
</tr>
</tbody>
</table>
INTRODUCTION
OF BIRCH PLYWOOD

Grown in Siberian sub-zero temperatures, Birch Plywood is conditioned for use in interiors and exteriors. Since it has 0 cellulose content, it is of no interest to termites & is completely weather-proof.

Comes with pre-pressed 1.4 mm veneers on both sides, so it makes the use of additional laminates optional, unlike any other plywood. It can be painted or stained to achieve any finish.

The only plywood which meets E0 safe-formaldehyde emission levels (upgraded from E1) ; minimizing any health risks in the long run. Indeed, it is so safe that it is even used to make toys for children.

Made of 100% Russian hardwood, with full core & full panel, making core gaps virtually impossible. It’s 100% calibration enables 3D router cuttings & designs, making it the perfect plywood.
BIRCH PLYWOOD

STANDARD SIZE - 8ft x 4ft
## TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (width) tolerance</td>
<td>+/- 2mm</td>
</tr>
<tr>
<td>Grade of face veneer</td>
<td>B/BB, BB/BB</td>
</tr>
<tr>
<td>Surface quality</td>
<td>Sanded two sides S2</td>
</tr>
<tr>
<td>Formaldehyde emission class</td>
<td>Russian E0 and CARB2</td>
</tr>
<tr>
<td>Water Resistance</td>
<td>WBP (Weather &amp; Boiling Proof) marked</td>
</tr>
<tr>
<td>Moisture content</td>
<td>5 - 10 %</td>
</tr>
<tr>
<td>Minimum Ultimate strength MPa</td>
<td></td>
</tr>
<tr>
<td>Shear along the glue layer</td>
<td>1.5</td>
</tr>
<tr>
<td>Static bending along the grain</td>
<td>25</td>
</tr>
<tr>
<td>Tension along the grain</td>
<td>30</td>
</tr>
<tr>
<td>Minimum elastic module, MPa</td>
<td>7000</td>
</tr>
<tr>
<td>Face Veneer Thickness</td>
<td>1.4mm</td>
</tr>
<tr>
<td>Thickness</td>
<td>4mm - 40mm (details on the next page)</td>
</tr>
</tbody>
</table>

For detailed specifications and certifications, visit - www.vivrepanels.com
SIZE & THICKNESS

<table>
<thead>
<tr>
<th>STANDARD SIZE</th>
<th>THICKNESS (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 ft X 4 ft</td>
<td>4, 6, 8, 12, 16, 18,</td>
</tr>
<tr>
<td></td>
<td>24, 30, 35, 40</td>
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</tbody>
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WBP GRADE
Veneer Face : BB / BB

CERTIFICATIONS

- ZERO EMISSION E-0
- ULEF EXEMPTION
- CARB 2 COMPLIANT
- EU TIMBER COMPLIANT
- FSC
BIRCH PLYWOOD CORE

4
6
8
12
16
18
24
30
35
40
FACE VENEER GRADING (B/BB and BB/BB)

As a plywood with natural veneer composite on top, birch plywood also comes with:

1. Mineral streaks
2. Oval & Quadrilateral patches
3. Pin Knots
PATCHES & PIN KNOTS
FINISHES

Vivre Birch Plywood has veneer of 1.4mm thickness, on both sides of the plywood. This can be directly polished, painted or stained into virtually anything.
BIRCH CABINETRY
BIRCH BEDROOMS
BIRCH FLOORING
BIRCH CNC APPLICATIONS
BIRCH SOUND INSULATION
PRODUCT CATEGORIES

PLYWOOD & BOARDS

• Flexible Plywood (MLH / Gurjan)
• Birch Plywood
• Rubberwood Finger Joint Board
• Keuring (Gurjan) Plywood
• Oriented Strand Board (OSB)
• Laminated (Melamine) Plywood
• MDF
• Insulated Softboard (Pin Board)
• Malaysian Solid Wood Door

WOOD VENEERS

• Teak Veneers
• Reconstituted Veneers
• Imported Veneers (< 4 mm)
• Exotic Veneers (.55+)

[Images of plywood and veneers]
• Vivre PVC Foam Boards
• Vivre PVC Solid Doors
• Vivre PVC Grill Boards (CNC Jalis)

• Vivre Profiles
• Vivre PETG Sheets
• Evowood: Solid Wood Panels
• Vivre PVC Marble Sheets
• Vivre Louvers
• Vivre WPC Exterior Profiles
Note:
We reserve the right to change product specifications or its availability in this catalogue. Although we try to ensure that all information in the catalogue is correct at the time we apologies for any omissions and errors. All dimensions given are liable to be rounded. Please also note that some articles may vary in color from shown in this catalogue.