Product
Birch plywood (Riga Ply) bonded with waterproof phenol resin adhesive and overlaid on both the sides with a phenol film or with an UV resistant film (grade F/F).

Film color
Phenol films: dark brown (120, 130 (wear resistant) and 220g/m²), light brown (120g/m²), yellow non-transparent (167g/m²), green (120g/m²), black (120g/m²), red (220g/m²), honey (120g/m²). UV resistant films: opal white (174g/m²), grey (174g/m²), blue (200g/m²).
Under transparent films B8 grade veneer can be applied.

Applications
Shuttering, transport industry, building and construction, flooring, inter-wall structures in farms, advertisement and information panels, furnishing panels.

Advantages
Environmentally friendly, durable, easily workable, hygienic, odour free, easy-to-clean, wear-resistant, weather- and water-proof, resists commonly used chemicals. Riga Form for shuttering can be re-used many times.

Gluing classes
Plywood is glued with waterproof phenol formaldehyde resin adhesive. The weather and boiling water resistant bonding meets the requirements of the following standards:
- EN 314 /33 class;
- BS 12031/H4 (previously WBP);
- DIN 68705 Part 3/type BFU 100.

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

Overlaying
A smooth phenol or an UV resistant film, which is hot-pressed onto the surface, is used as an overlay. The phenol film is composed of a basic paper which is impregnated with phenol resin. The UV resistant film is impregnated with a special thermosetting mixture of polymers containing amino resins. Overlaying with higher resistance to abrasion and multi-layer overlaying is also possible (respectively 240 g/m², 440 g/m², special wear resistant film, etc.). Multi-layer overlaying gives superior wear resistance.
Characteristics of overlay
Surface with an overlay is smooth, glossy and hard. It resists abrasion, it is weather and moisture proof and resists commonly used chemicals, dilute acids and alkalis. The surface is easy to clean with water or steam. Abrasion resistance according to the Taber test (EN 438-2): depends on applied film, conditions of product storage, thickness of film (see below) a.o.

Edge sealing
The panels’ edges are sealed with an acrylic paint, to avoid absorption of moisture. The edge sealing paint and the panels’ face colors match, but even other colors are available upon request.

Sizes
1220 mm x 2440 / 3050 mm
1250 mm x 2500 / 3000 mm
1500 mm x 2500 / 3000 mm
1525 mm x 3050 / 3660 mm
2150 mm x 3050 / 3340 / 3850 mm
Cut-to-size panels and machined panels 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.

<table>
<thead>
<tr>
<th>Nominal thickness, mm</th>
<th>4</th>
<th>6.5</th>
<th>9</th>
<th>12</th>
<th>15</th>
<th>18</th>
<th>21</th>
<th>24</th>
<th>27</th>
<th>30</th>
<th>35</th>
<th>40</th>
<th>45</th>
<th>50</th>
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</thead>
<tbody>
<tr>
<td>Number of plies</td>
<td>3</td>
<td>5</td>
<td>7</td>
<td>9</td>
<td>11</td>
<td>13</td>
<td>15</td>
<td>17</td>
<td>19</td>
<td>21</td>
<td>25</td>
<td>29</td>
<td>32</td>
<td>35</td>
</tr>
<tr>
<td>Average actual thickness, mm</td>
<td>3.8</td>
<td>6.4</td>
<td>9.2</td>
<td>12.0</td>
<td>14.9</td>
<td>17.7</td>
<td>20.5</td>
<td>23.4</td>
<td>26.5</td>
<td>29.4</td>
<td>35.4</td>
<td>38.7</td>
<td>45.6</td>
<td>49.6</td>
</tr>
<tr>
<td>Lower limit, mm</td>
<td>3.5</td>
<td>6.1</td>
<td>8.8</td>
<td>11.5</td>
<td>14.3</td>
<td>17.1</td>
<td>20.0</td>
<td>22.9</td>
<td>25.8</td>
<td>28.7</td>
<td>33.6</td>
<td>38.4</td>
<td>43.3</td>
<td>48.1</td>
</tr>
<tr>
<td>Upper limit, mm</td>
<td>4.1</td>
<td>6.9</td>
<td>9.5</td>
<td>12.5</td>
<td>15.3</td>
<td>18.1</td>
<td>20.9</td>
<td>23.7</td>
<td>26.8</td>
<td>29.9</td>
<td>35.4</td>
<td>41.2</td>
<td>46.6</td>
<td>51.7</td>
</tr>
</tbody>
</table>

Plywood is manufactured by AS Latvijas Finieris whose Quality Management System is certified to the requirements of ISO 9001 by Bureau Veritas Certification.

The given information is for reference only and AS Latvijas Finieris reserves the rights to amend and supplement the specifications of manufactured products without a prior notice.