



## Plyterra Phon

*Multi-purpose sound-insulation plywood*

**Application:** construction and reconstruction of concert halls, cinemas, entertainment centers; production of rail vehicles, metro trains, buses, trams and sea and river vessels

### Plyterra Phon with cork

**Standard sizes, mm:** 1500x1500, 2440x1220, 1450x2950

**Standard thicknesses, mm:** 11, 13, 15, 17, 19, 21, 23

### Plyterra Phon with rubber

**Standard sizes, mm:** 1525x1525

**Standard thicknesses, mm:** 15, 18

**Other sizes and thickness are available on request**

Plyterra Phon is sound-insulation plywood. Alongside with high-quality birch plywood, the structure of the panel also includes sound absorbing cork barrier in its central part which not only improves sound-absorbing coefficient of the material, but also makes the boards lighter in comparison with standard plywood. Sound-reduction plywood can be used for interior finishing of the projects in civil and industrial construction having strict requirements for sound insulation.

Upon the agreement with a client, the plywood can be overlaid with HPL, CPL or fiberglass. The coatings protect plywood from mechanical damages, UV-light, humidity, changing weather conditions.

## Experience the quality of Plyterra Phon!

<b>PLYWOOD</b>	100% birch veneer	<ul style="list-style-type: none"> <li>✓ Exceptional strength and stiffness</li> <li>✓ High load-bearing capacity</li> <li>✓ High durability</li> <li>✓ Beautiful texture of birch plywood</li> <li>✓ Non-standard thicknesses and sizes</li> <li>✓ Variety of grades: 1/2 (B/BB); 2/2 (BB/BB); 2/3 (BB/CP); 2/4 (BB/C); 3/3 (CP/CP); 3/4 (CP/C); 4/4 (C/C)</li> </ul> <p><b>We use only sustainable raw material from responsible sources.</b></p>
<b>BONDING</b>	Weather and boil proof phenol-formaldehyde adhesive (WBP)	<ul style="list-style-type: none"> <li>✓ Excellent bonding properties</li> <li>✓ Formaldehyde emission levels comply with the requirements of E1, CARB Phase II (0,1-0,2 mg/h x m2), EPA TSCA Title VI</li> </ul>
<b>SOUND ABSORBING BARRIER</b>	<p>Cork:</p> <p>Rubber:</p>	<ul style="list-style-type: none"> <li>✓ Various thicknesses of cork layer</li> <li>✓ Light weight</li> <li>✓ Good sound reduction properties (noise insulation, dB ≥32)</li> <li>✓ Damping of vibration</li> <li>✓ Various thicknesses of rubber</li> <li>✓ Protection against noise (noise insulation, dB ≥35)</li> <li>✓ Possible combination with cork</li> </ul>

Upon the agreement with a customer, the plywood can be overlaid with protective coating based on resin, fiberglass, CPL, veneer of other species and decorative or fire-retardant HPL. There are 100 various designs of overlays.

## Reasons to choose Plyterra:

1. Loyal customers in 70 countries
2. High quality of plywood
3. Manufacturing of tailor-made products
4. Access to individual online account for every customer
5. Openness and desire to meet customers' requests
6. Advanced woodworking equipment
7. On-time delivery

**If you have special requirements, we can customize our product for you!**



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