



## PlyPhon

### 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

PlyPhon is the brand for sound-insulation plywood. Alongside with high-quality birch plywood, the structure of the panel also includes sound absorbing barrier in its central part. There are three types of cores available for PlyPhon. They are cork, rubber and rubber-cork composite. The core can be chosen by the customer according to his needs: cork makes the boards lighter in comparison with standard plywood, while plywood with a special layer of technical rubber in the middle provides better damping of vibration and protection against noise.

#### PlyPhon with cork

**Standard sizes, mm:** 2500x1250  
2250x1250  
1950x1250  
1450x1250

**Standard thicknesses, mm:** 16; 18, 25, 28

#### PlyPhon with rubber

**Standard sizes, mm:** 1525x1525

**Standard thicknesses, mm:** 10; 15; 18; 20,  
22; 25; 28

Other sizes and thickness are available on request

**Experience the quality of PlyPhon!**

<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 style="text-align: center;"><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>	Cork:	<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> </ul>
	Rubber:	<ul style="list-style-type: none"> <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 decorative or fire-retardant HPL. There are 100 various designs of HPL.**

**Reasons to choose Plyterra:**

1. Loyal customers in 56 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!**



**Contact us:**  
 +7 (8342) 22-32-99  
 marketing@plyterra.ru  
 www.plyterra.com