



Morex 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

Morex Phon with rubber

Standard sizes, mm: 1525x1525

Standard thicknesses, mm: 15, 18

Other sizes and thickness are available on request

Morex 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 Morex Phon!

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

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.

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

