Baltic Birch is the only plywood strong enough and flat enough to be used in Pedal Pad pedal boards. Nineteen-ply 1/2” Baltic Birch is used for the front, back, sides and hinged pedal surfaces on every board we produce.

Standard Birch plywood has fewer plies that are thicker and less dense than Baltic Birch. Voids within the plies make it vulnerable to breaking in areas around handles, latches and hinges because of their high-load pressure points. Like

Because standard Birch is less expensive, it is used by other manufacturers of pedal boards. If the price of a pedal board seems too good to be true, this may be the first reason why.
Two six inch squares of plywood: standard Birch (.28 lbs.) shown above and Baltic Birch (.40 lbs.) below. The difference in their strengths and densities is clearly reflected by the respective weights.
Pedal Pad pedal boards use machine threaded t-nuts to protect high-load pressure points where case hardware is attached.
When done properly, a glue joint should become stronger than the wood itself. Rabbit joints are used to join the front, back, sides and the 1/4” Baltic Birch skins which make up the pedal board floor and lid ceiling.

Additional t-nuts are used where metal corners and rubber feet connect to the 1/4” skins.

Finally, a 1/2” round over is routed into the edges of the case in order to remove the sharp edges that make the Tolex vinyl material more vulnerable to gouges.
A closer view of the precision joinery

Custom connector routings
Pedal Pad hardware is ATA approved which means reliable performance for the life of your pedal board. Take-apart hinges and spanning butterfly latches allow for super fast set-up – you simply “pop the top and play.”

Two sets of grippy rubber feet make sure the pedal board will not slide during performances and protects the audience side of the pedal board during travel.
Pedal Pad uses a durable, yet soft padded handle that displaces the weight comfortably.

A closer look at the ATA approved spanning latch and strike.
All Pedal Pad pedal boards feature a slotted and hinged pedal surface made from 1/2" Baltic Birch that is strong enough to stand on. The panel is covered in Velcro loop material to securely mount your pedals. Many players use the Velcro for a non-slip grip as well as another hold-down system. Additional holes can be drilled for using large zip ties or parachute cord.

The ultimate benefit of Pedal Pad is quick and easy access to a lower compartment where power supplies, cables and additional effects are safely and neatly stowed.