

## CONSTRUCTION AND MATERIAL SPECIFICATIONS

Northland Furniture Company utilizes strict and consistent adherence to standards, resulting in quality of conformance surpassing industry norms. We combine the precision and accuracy of technically advanced equipment with the attention to detail of true woodworkers. All furniture we create is done so with the goal of uniting aesthetic appeal with long term durability.

	features	benefits
moisture content control	All wood solids are dried to a moisture content of 5-7% (we check all shipments from our vendors using a moisture meter).	Prevents splits, cracks, or warping. Keeps joints and glue lines tightly fastened.
wood species	<p>All exposed surfaces are either natural wood veneers or solid stock. Typical species used are maple, oak and knotty pine. Other species can be used at customer request.</p> <p>All veneer faces are smooth, tight, cut full length and selected for uniformity. Maple veneers are whole piece face, eliminating seams and glue lines. Pine veneers are knotty pine and oak is rift cut oak.</p> <p>Interior bracing and blocking is made of alder or poplar.</p> <p>All legs and mouldings are solid wood.</p>	<p>All wood species used are hand sorted to assure industry and Northland quality standards are met.</p> <p>Veneers and hardwoods are guaranteed to be free of open defects and sharp color changes. Whole piece veneers are used, eliminating seams.</p>
case construction	<p>Cases are constructed using the 32 millimeter method; also known as European construction. Both dowels and screws are used to join case components.</p> <p>All cases use a moisture barrier composition back panel.</p> <p>All cases have a moisture barrier on the bottom of side panels and the toe kick.</p> <p>Case panels are either 45# high density particle or 5 ply veneer core, that meet ANSI and HPVA standards.</p>	<p>Provides strength and consistency to every case and gives each piece the structure and endurance Northland customers require.</p> <p>Prevents moisture from entering the wood panels from either the back or the bottom of the case.</p>

	features	benefits
case construction (cont'd)	<p>Surfaces designed to carry weight are reinforced with steel anti-bows.</p> <p>Bottoms of spaces designed for refrigerators have high-density melamine coating to prevent moisture damage.</p>	<p>Anti-bows prevent sagging of shelves and tops and assure continued smooth operation of drawers and/or doors.</p>
drawer construction	<p>Drawers are constructed of 5 panels. All drawer sides, fronts and backs use 1/2", 9-ply Baltic birch veneer with a 1/4" high density melamine drawer bottom.</p> <p>Drawer glides are rated at 75# and are coated with baked enamel to resist corrosion. Ball bearing slides are also available in either 3/4 or full extension.</p> <p>Our side mounted glides capture the bottom edge of the drawer; transferring the entire weight of the drawer and contents to the glide.</p> <p>Metal reinforcement is added to each drawer to avoid damage from heavy objects.</p> <p>The backs of all drawer cavities are sealed with 1/4" masonite.</p>	<p>Strongest drawer construction in the industry.</p> <p>Drawer glides provide smooth, consistent operation for years.</p> <p>Eliminates any possible drawer bottom failure.</p> <p>Northland has used this drawer construction method for over 20 years and has experienced zero product failure. This construction method has proven itself to be superior to dovetail drawers.</p>
case and top surfaces	<p>We offer horizontal-grade high pressure laminate (HPL) on all horizontal working surfaces. The HPL is pressed on 45#, high-density particle board with a phenolic equalizing backer to prevent warping.</p>	<p>Horizontal grade HPL is twice the thickness of vertical grade HPL providing increased durability over time.</p>
finish	<p>Northland employs a catalyzed nitrocellulose, 16 step process. All finishes are low Volatile Organic Compounds (VOC) and are 99% solids.</p>	<p>More durable and consistent finish than other finishing methods over the lifetime of the furniture.</p> <p>Low VOC's qualify for LEED credits.</p>
mirrors	<p>Mirror frames are constructed of solid wood. Glass is scar guarded and backs are coated with an anti-shatter backing for safety.</p>	<p>Solid wood frames provide increased durability. Anti-shatter backing holds the pieces together if a mirror is broken reducing the risk of injury.</p>
details	<p>Leg levelers are used on all cases with doors to provide perfect door alignment and operation.</p> <p>Flat screen TV mounts are drilled to the customer specification for their mounting hardware using Computer Numerically Controlled (CNC) robotics to assure accuracy.</p>	<p>Ensures continued level installation and use.</p> <p>Facilitates quick and accurate installation of TVs.</p>