



Wisconsin Bench Manufacturing



Hardwood Top specifications

Specifications:

Thickness - 1-1/4", 1-1/2", 1-3/4", 2-1/4"
 Rail Width - 3/4" - 1-3/4" (width determined by product)
 Construction - Face-glued, finger joint rails
 Finishes - Clear catalyzed lacquer; Optional - mineral oil, boiled linseed oil or unfinished
 Sizes - Max up to 48"* x 144"
 Edge Profile - 1/8" eased edge (std), 3/8" radius, 180° bullnose
 Species - Standard mixed hardwoods (variation of different species containing similar color and grain patterns)
 Alternate Available Species - Oak, maple, hard maple
 Fasteners - Draw tight joint fasteners included with widths over 36" or if specified for lengths over 144"

Appearance:

Natural variations do occur in the appearance of natural wood, of which it is these distinguishing features that creates the natural beauty of this product. These variations are subject to occur on all or some of the wood products based on environmental factors affecting the tree before harvesting and include character markings such as grain variation in color, various growth rings and tight knots among other naturally occurring defects. All variations are of a natural source, while all other manufacturing defects have been removed and should not detract from the function.

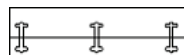
General Care & Maintenance:

Allow top to reach ambient room temperature prior to installation. It may take forty-eight (48) hours for the top to acclimate to the surrounding environment. If tops will not be installed within 48 hours they must be stored horizontally with a cover over exposed face.

Holes in steel framework used to secure the top to frame must be 3/8" larger than the bolt or fastener. Pre-drill pilot holes for lag screw fasteners and only tighten the fastener slightly as the top needs to be able to expand and contract.

If final mounting requires cutting the top, then all exposed raw wood surfaces must be resealed. Polyurethane is an excellent sealer for lacquered tops, while mineral oil should be used for oil finished tops. Tops and benches sent without a finish and tops that are modified in the field voids the warranty.

Lacquered tops should avoid excess amounts of water, oil and strong cleaning agents. The top should be immediately wiped clean when the surface has been exposed to such excesses. For oil tops we recommend oiling them every 4-6 weeks depending on usage. When necessary, reseal any exposed raw wood surfaces to avoid expansion and swelling caused by water and humidity.



*48"W is two pieces field jointed. 36"W is widest single piece available.

Catalyzed Lacquer Test Results:

CHEMICAL	RATING
1) SULFURIC ACID 25%	5
2) SULFURIC ACID 50%	5
3) ACETIC ACID 50%	4
4) ACETIC ACID 75%	4
5) PHOSPHORIC ACID 50%	5
6) PHOSPHORIC ACID 75%	5
7) HYDROCHLORIC ACID 20%	5
8) HYDROCHLORIC ACID 37%	4
9) BUTYL ALCOHOL	5
10) ETHYL ALCOHOL	5
11) METHYL ALCOHOL	5
12) ETHYL ACETATE	2
13) METHYL ETHYL KETONE	1
14) TOLUENE	5
15) ACETONE	1
16) NAPHTHA	5
17) XYLENE	5
18) SODIUM HYPOCHLORITE 5.25%	5
19) SODIUM HYDROXIDE 25%	5
20) SODIUM HYDROXIDE 35%	5
21) SODIUM HYDROXIDE 40%	5
22) SODIUM HYDROXIDE 50%	5
23) POTASSIUM HYDROXIDE 40%	5
24) POTASSIUM HYDROXIDE 45%	5
25) HYDROGEN PEROXIDE 30%	5
26) NITRIC ACID 25%	5

Test prepared by Sheboygan Paint Co 1/2009
 5=No Effect
 4=Slight Stain
 3=Modest Stain
 2=Modest Stain, Film Blistered
 1=Film Damage

Fastener and Pilot Hole Chart:

SCREW SIZE #	PILOT HARDWOOD
4	1/16"
6	5/64"
8	3/32"
10	7/64"
12	1/8"

Freight Class: 70