

ROBINSON STEEL CO.

Commitment to superior service and quality products since 1921!



Hardwood Bench Tops

Specifications:

- Thickness - 1-1/4" (standard)
- Species - Mixed hardwood (standard), oak, maple
- Widths - 9-1/2", 12", 15", 18" and 24";
- Lengths - up to 12' in one-piece
- Rail Width - 3/4" - 15/16" (nominal)
- Rail Construction - Finger joint
- Finish - Two-coat clear catalyzed lacquer top/sides; 1 bottom
- Edge Profile - Radius edge on all sides and corners



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. Holes in framework used to secure the top to frame must be 3/8" larger than the bolt or fastener. Predrill 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. Tops and benches sent without a finish and tops that are modified in the field voids the warranty. Lacquered benches should avoid excess amounts of water, oil and strong cleaning agents. The bench should be immediately wiped clean when the surface has been exposed to such excesses. When necessary, reseal any exposed raw wood surfaces to avoid expansion and swelling caused by water and humidity. Locker bench seats can be affected by the temperature and humidity of the surrounding environment.

Fastener and Pilot Hole Chart:

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

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