

ADA Bench Kits specifications

Specifications:

- Thickness** - 1-1/4" (standard)
- Species** - Mixed hardwood (standard)
- Seat Widths** - 20" and 24"
- Seat Lengths** - 42" and 48"
- Back Widths** - 18"; lengths available 42" and 48"
- Rail Width** - 3/4" - 15/16" (nominal)
- Rail Construction** - Finger joint
- Finish** - Two-coats clear catalyzed lacquer
- Edge Profile** - Radius edge on all sides and corners
- Stainless Steel Kit** - 1"x1", 16-gauge stainless steel, 3 pc brackets for backrest and 14-gauge, 4 pc pedestals, 2-3/8" diameter. Seat height is 16-1/4"
- Almond Painted Kit** - 1-1/4" diameter, 14-gauge, integrated brackets for backrest with 2" diameter, 14-gauge pedestals and 10-gauge steel plate to mount bench to frame, 2 pieces. Seat height is 16-1/4"H
- Brackets (BKT)** - 1-1/2"W x 1/8" steel reversible design bracket with 3" x 3" notch for wall cleat or wire management; in either almond or black (2 per set).

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 functionality of the product.

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 bench 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 bench, then all exposed raw wood surfaces must be resealed. Polyurethane is an excellent sealer for lacquered tops. 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. 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. Benches sent without a finish and that are modified in the field voids the warranty.



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

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"

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

16-1/4"H Pedestals:

- 14-gauge, 2-3/8" diameter (4 each)
- MSLP - Almond painted
- SSLP - Stainless steel



Specs subject to change. V070113