Technical Specifications

Suave™ Lounge Collection

March 2011

SEATING MODEL NUMBERS

Chairs: 1223, 1223 WA, 1223 WA/WB, 1313T, 1323, 1323 WA, 1323 WA/WB
Loveseats: 1333, 1333 WA, 1333WA/WB
Sofas: 1343, 1343 WA/WB, 1343 WA
Ottomans: 1220, 1220 WB

Frame Construction

Seat frames are constructed of ¾" laminated hardwood plywood that is CNC cut with 5/4 maple cross rails. Ottomans are constructed of ¾" laminated hardwood plywood. All mainframe joints are double doweled and glued. Stress points are further reinforced with the use of glue blocks that are stapled or screwed in place. The arm are constructed of ½",¾" and 1" laminated hardwood plywood all CNC cut.

Sled Base Construction

Chair, loveseat, sofa, and ottoman legs are constructed of 1" O.D. x 16-gauge round steel tubing welded to a 14-gauge steel mounting plate and secured to the frame with 16 #10 x 1.5" steel pan head wood screws.

Wood Frame Construction

Wood base is 12/4 kiln dried beech hardwood with a moisture content of 6% - 8%. Wood base joints are mortise and tenon and dowel construction. Oversized corner blocks are glued and attached with screws and staples to secure.

Wood Armcap Construction

Wood armcaps are 12/4 kiln dried beech hardwood with a moisture content of 6% - 8%. Wood armcaps are attached with compression dowel construction.

Wood Finish

Exposed wood is machine sanded with 180 grit paper, followed by 220 grit paper for a smooth surface. A spray stain is then applied for an overall even color. Once the stain is applied, the wood parts are run through a burn-off oven and the wood finish is baked on for one hour at a temperature of 140° to 150° Fahrenheit. The wood is then sealed to prevent moisture imbalance. The entire frame is then sanded by hand with 400 grit paper for fine detailing. The final step is the application of a conversion varnish topcoat which is also run through the burn-off oven process.

Suspension - Seats & Backs

The seat is constructed with stretch strap webbing, inner woven and stapled into position.
Both seats and backs are covered with a layer of FLW (reinforced non-woven fiber) on top.

Foam - Backs

The back foam has a density of 1.5 and compression of 26 lb. foam that is 3" thick and contour cut for consistency. The seat foam is 6" thick with a density of 1.5 and compression of 30 lb. A .5" super soft wrap covers the front and top of the seat. The arm foam varies from a high of 1.25" thick to .5" thick and has a density of 1.5 and compression of 30 lb. foam.

TABLE MODEL NUMBERS

Models 1350, 1360, 1351, 1361, 1352, 1362

Table Construction

Table panels are ¾" thick laminated construction with a medium density fiberboard core, high pressure laminate facing on both sides, and 2mm PVC edge banding. Panels are secured together using doweled and glued joints and wood screws.

Base Construction

Bases are constructed from ¾" O.D. x 16-gauge steel tubing welded to a 10-gauge steel mounting plate and secured to the table with 16 #10 x 1.5" steel pan head wood screws.

Bureau of Correctional Enterprises