

Technical Specifications ■

Perth® Multiple & Guest Seating

Models: POC, POCC, POCCC Open Arm Multiple Seating
POAC, POACC, POACCC Open Arm Add On Multiple Seating
PO33 Open Arm Loveseat
PPC, PPCC, PPCCC Closed Arm Multiple Seating
PPAC, PPACC, PPACCC Closed Arm Add On Multiple Seating
PP33 Closed Arm Loveseat

December 2010

Arm Panels (Open Arm)

Six-quarter (6/4) Domestic Beech hardwood, kiln dried to moisture content of 6% - 8% at time of arm construction. Assembly joinery utilizes both glued finger-joint and double-dowel styles.

Arm Panels (Closed Arm)

$\frac{3}{4}$ " molded wood veneer arm inserts are cut to size. Attachment to arm is made using dowels that insert into arm.

Back Construction

One (1) part compound-curve laminated plywood. Outer back shell is $\frac{5}{8}$ " 7-ply and is attached to arm using a structural steel angle ($1\frac{1}{2}$ " x $1\frac{1}{2}$ " x $\frac{1}{8}$ ") and structural grade 2 hardware.

Seat Frame

Fully welded structural steel angle frame (1" x 1 x $\frac{3}{16}$ "). Frame is bolted to wood arms using structural grade fasteners.

Foam Specifications

Seat

Contour-cut, Ultracell (HR) polyurethane foam. 3" in thickness with specifications of 42 lbs. compression and 2.5 density. (Front of seat edge is composed of 55 lbs. compression).

Back

Ultracell (HR) polyurethane foam. 2" in thickness with 32 lbs. compression and 2.5 density.

Suspension

Five (5) strands of premium matrix woven strap webbing, each measuring 2" in width. Each strap is cut to its calculated length and hardware clipped for attachment to steel frame.

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.

