

# Specifications

**Bantam™ Guest Chair**  
KI-62154 3/5/2010

**Model Number: I30I**

## **Frame Construction**

Chair arms are constructed of 6/4 hardwood kiln dried to a moisture content of 5 – 7%. Arm member connections are achieved using 1.4" x 1 1/2" hardwood dowels and mortise and tenon joinery. Chair arms are then connected by two (2) 6/4 x 2" hardwood rails positioned parallel to one another with an arm on each side. Arm/rail connection is made using two (2) 7/16" x 2" hardwood dowels with corner blocking being glued and screwed into position to further reinforce the joint. Back frame is constructed of 6/4 hardwood and laminated wood veneers and is connected to arm/rails with 1/4" machine bolts.

## **Suspension Construction**

**Seat:** Seat utilizes four (4) strands of premium strap webbing, each measuring 3" in width. These straps are cut to a calculated stretch length and stapled to the chair frame.

**Back:** A continuous layer of woven polypropylene is attached at all sides to follow contour of the frame.

## **Foam Specifications**

**Seat:** Seat cushion is made of high resiliency polyurethane foam measuring 2 1/2" in thickness with a compression of 40 pounds and a density of 1.8. A 3/4" dacron fiber wrap is glued over the cushion for increased softness.

**Back:** Back cushion is made of high resiliency foam measuring 3" in thickness and has a compression of 30 pounds and a density of 1.8.

## **Wood Finish**

All High Point products with exposed wood are 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 degrees 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.

