

# **TWO POSITION UPHOLSTERED CHAIR TECHNICAL SPECIFICATION**

## **DESCRIPTION**

Waterfall-style, two position sled base chair.

## **FINISH**

Upholstered seat, welt and inner back with wood outer back in a natural finish.

## **MEASUREMENTS**

19 5/16" W x 22 11/16" D x 33" H

## **CORE MATERIAL**

- ◇ All Wood seat and back (waterfall seat and round back)
- ◇ Wood species: Environmentally farmed wood. No clear cutting or rain forest materials allowed.
- ◇ Legs, back and seat supports made of 22 layers of veneer at 1.5m/m thick.
- ◇ Seat/Back panel - Made of 9 ply of 2 m/m veneer using mixed species of veneer.
- ◇ For the solid wood seat and back ply, to be exterior environmentally farmed wood, interior mixed species.
- ◇ Glue-grade: 1036
- ◇ Brand: Borden
- ◇ Stain: Spray with sanding sealer, sanded with 360 grit sand paper, final top coat using clear catalyzed or equal Lacquer. Drying time of 40 minutes in temperature.
- ◇ Tolerance of pressed components: 1.5m/m.

## **TESTING**

- ◇ The product exceeds ANSI/BIFMA Publication X5.1 - 1985
- ◇ Each back post shall be placed in clamp and torqued 3/4" before final assembly.

## **FABRICATION**

- ◇ All components shall be full modular implementing mortise and tenon joints.
- ◇ Ply bending shall be used with high frequency press.
- ◇ Solid wood stretchers to be finished at standard size of 82m/m (3-1/4") W X 21m/m (3/4") T X 17"L at square shape.
- ◇ Stretchers are attached to frame using mortise and tenon joints.
- ◇ Leg back and seat support - 22 ply laminate with finished size of 32m/m (1-14") thickness and 37m/m (1 1/2") width. All edges are machined with R 3 m/m Radius.
- ◇ Bottom rail attached to front and back leg using finger box joint with dowel pin with 1036 glue.
- ◇ Back panel attach to frame using 4 t-nuts. Seat panel attached to seat support using 6 t-nuts facilitating easy replacement for cleaning and reupholstering.
- ◇ Fabric can be upholstered to removable back and seat. Wood stretcher to connect.
- ◇ Perpendicular stretcher to run between sled -for added strength.
- ◇ Solid wood seat and back ply to be using rift cut face veneer.
- ◇ Incorporate "waterfall" seat and round back.
- ◇ No wood filler used.