

CHAIR WITH SLIDE-IN OTTOMAN TECHNICAL SPECIFICATION

DESCRIPTION

Chair with matching slide-in ottoman to match three cushion couch. “Quincy” style by Transformations or similar.

FINISH

Upholsterd straight back chair using Type 1 fabric and providing multiple grades to choose from, light oak flat wood cap arm rests, and foot style TF04. The slide-in ottoman shall have foot style BC20.

MEASUREMENTS

28.5” W x 34” D x 34” H

CORE MATERIAL

- ◇ All wood parts are constructed completely of 7/8” Engineered Paneling and 80 point chipboard.
- ◇ Slide-in-Ottoman frame is constructed completely of 7/8” Engineered Paneling.

FABRICATION

- ◇ The arm frames are constructed completely of 7/8” Engineered Paneling and 80 point chipboard. The arm frames are covered with two layers at 1.75” of polymeric urethane foam 1.4 minimum density and an Indentation Load Deflection (ILD) of 45-55 lbs.
- ◇ The maple wood arm cap is secured to the arm frame using a t-nut that is epoxied in a bored out hole. A 5/16” threaded rod is then inserted in the T-nut and secured to the arm with a wing nut on the exposed end of the threaded rod on the bottom of the arm.
- ◇ The arms are attached to the base frame by sliding the arm frame onto the patented metal brackets (US patent # 5,738,414) on the base, which slides into machined slots in the arm.
- ◇ The back frame is constructed completely of 7/8” Engineered Paneling. The back support system is constructed of 11-gauge sinuous wire linked together with 12-gauge tie wire.
- ◇ The springs are covered with a woven versare fabric and the back of the frame is covered with a woven typar. On top of the springs are placed two polymeric foam pieces, one with 1.4 minimum density and 45-55 ILD and the other with 1.1 minimum density and 12-18 ILD.
- ◇ Over the back of the frame is placed a polymeric foam piece of 1.1 minimum density and 12-18 ILD. The back frame is attached to the base frame by sliding the back on to the patented metal brackets (US patent # 5,738,414) on the base, which slides into machined slots in the back.
- ◇ The back frame is secured to the base frame with a patented metal brackets that are attached to the base frame with 5/16” –18 x 1” button head cap screw into steel receivers (t-nuts) creating a metal-to-metal connection.
- ◇ Slide-in-Ottoman frame is constructed completely of 7/8” Engineered Paneling. The feet are secured by a steel L-bracket that is secured to the base frame with 5/16” –18 x 1” button head cap screw into steel receivers (t-nuts) creating a metal-to-metal connection. The frame is covered with a polymeric urethane foam 1.4 minimum density and an Indentation Load Deflection (ILD) of 45-55 lbs.

**CHAIR WITH SLIDE-IN OTTOMAN
TECHNICAL SPECIFICATION - Continued**

- ◇ **FOAM:** The seat cushion core is 5” polymeric foam 2.2 lbs minimum density and 21-26 ILD. On top and bottom of the core is placed 1.5” polymeric foam 2.2 minimum density and 5-7 ILD. The top and bottom of the seat cushion is covered with a moisture barrier.
- ◇ The seat cushion is secured to the base frame with a nylon security strap that is sewn into the cover of the seat cushion and connected to the base frame with a button head cap screw into a steel T –nut (Standard). This can also be a steel cable that is imbedded into the seat cushion core (Optional).
- ◇ All foams are guaranteed for 35 years and are all flame-retardant to meet major state fire codes (Cal Bulletin 117).
- ◇ **MOISTURE BARRIER:** Moisture barrier is a waterproof polyurethane membrane laminated to the polymeric urethane foam. This membrane has a tensile strength of 8500 PSI (ASTM D-882), elongation rating of 450% (ASTM D-882); burst strength of 100 PSI plus, and a tear resistance of 425 PSI (ASTM D-882). It is waterproof, mildew-proof, and washable.
- ◇ **ASSEMBLY / DISASSEMBLY / REPLACABLE COVERS:** The arms and back are secured to the base frame with thumbscrews through the patented frame brackets (US patent # 5,738,414) on to the arm and back frames. All upholstery fastens with hook and loop tape, facilitating removal and replacement of covers.
- ◇ Upholstery seams are single lock stitched and double lock stitch with reinforcement tape over the top of all seams without welt.
- ◇ All components are assembled and disassembled by loosening the thumbscrews in the patented frame brackets (US patent # 5,738,414) and sliding of the components out of interlocking state. No tools are needed (unless the tamper-proof bolt is used).
- ◇ **WARRANTY:** Products are warranted against defects in materials and workmanship, and against structural damage incurred through normal use, for a period of 35 years from date of purchase.
- ◇ The warranty covers the structure of the furniture: The laminated-veneer frame; the construction of the arms, base, back, and all fasteners.
- ◇ The warranty also covers the foam against defects in its manufacture and composition and against “flattening” (not maintaining its original shape) for this same 35-year period.
- ◇ Under this warranty the vendor will at its option either replace or repair furniture to it or will supply the customer with replacement parts. Fabric and all items beyond vendor’s control are not covered by this warranty.