

Teatro Jury Base Chair Specifications

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PART 1 – GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions, apply to this section.

1.2 SUMMARY

- A. This section includes the following:
 - 1. Freestanding floor-mounted Jury Base seating with 360 degree swivel and self-returning mechanism.

1.3 SUBMITTALS

- A. Product data for each type of product specified. Include installation methods.
- B. Shop drawings, prepared for architectural drawings and from field dimensions, showing the seating layout and aisle widths as well as a section view with profile dimensions of the seating and back-to-back row dimensions.
- C. Samples for initial selection purposes in the form of manufacturer's color charts or samples of materials showing the full range of standard colors, finishes, and patterns.
 - 1. Fabric
 - 2. Metal Finishes
 - 3. Wood Finishes (if applicable)
- D. Statement signed by the jury seating manufacturer confirming that the products submitted comply with the specified requirements.

1.4 QUALITY ASSURANCE

- A. Provide installer's qualifications confirming the installer is qualified to install the manufacturer's chairs
- B. Provide seating that complies with California Technical Bulletin 117.
- C. Obtain the complete seating system, including accessories and mounting components, from a single manufacturer.
- D. Design and install seating with all rows in alignment. Comply with ADA rules and regulations.

1.5 PROJECT CONDITIONS

- A. Environmental Conditions: Do not install jury seating until space is enclosed and weatherproof, wet work in space is complete and dry, installation of finishes including painting is complete, and ceilings are complete. Do not install jury seating until ambient temperature and humidity conditions are continuously maintained at final occupancy values.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver seating in manufacturer's unopened cartons clearly labeled with manufacturer's name and contents.
- B. Handle seating in manner to prevent damage.

PART 2 – PRODUCTS

2.1 SEATING

- A. Provide from Theatre Solutions, Inc., 121 Park Avenue, Quakertown, PA 18951, the **Teatro Jury Base Seating** as follows:
 - 1. Basic floor-mounted Jury Base Forum chair.
- B. Model noted is based on the Theatre Solutions, Inc. Teatro Jury Base Seating with the intent of establishing the high level of quality required for the project. Other brands submitted for approval will be given consideration provided that a full seating mock-up, along with a complete list of specification discrepancies between the proposed substitution and the product specified is received at least 10 working days prior to the bid date.
 - 1. By offering a quote for this project, the bidder assumes full responsibility for complying with the specifications for this project and shall be totally responsible for any expenses incurred if the

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product quoted does not comply with the specifications.

- C. Failure to comply with the warranty described in Part 4 of these specifications will be cause for disqualification.

2.2 MATERIALS

- A. Padding material shall be flame retardant polyurethane foam which conforms to the standards of the California Bureau of Home Furnishings 117-75.
- B. Seating fabric shall be _____ with the color to be selected from the standard choice of colors. All upholstery shall be first quality without creases, stretch lines, or wrinkles.

2.3 FABRICATION, GENERAL

- A. Fabricate the seating for maximum comfort using materials that are carefully selected to be free from defects, objectionable projections, or irregularities. Smooth round corners and edges to present the least possible snagging and pinching hazards.

2.4 MOUNTING

- A. The floor base shall be cast aluminum with a durable powder-coated finish. The base shall include four countersunk holes equally spaced around the perimeter of the base for mounting to the floor with 1/4" flat head screws, providing a flush, unobtrusive appearance.

2.5 CHAIRS

- A. Chair shall be TSI model **Teatro**.
- B. Frame Assembly: Shall consist of two legs, two armrest support plates, one base plate, and one wedge box all welded into one integral structure upon which the seat, back, and armrests are assembled. The legs shall be laser-profiled 5/16" thick hot-rolled steel plate upon which there is an 11 gauge armrest support plate. The wedge box shall be formed from 11 gauge hot-rolled pickled-in-oil steel. The entire welded assembly shall be powder-coated.
- C. Seat Construction: The seat panel shall be 5/8" thick, electronically glued curved hardwood plywood. The padding material shall be 3" thick polyurethane foam, shall be glued to the inner surface of the seat panel, and shall conform to the California Bureau of Home Furnishings Technical Bulletin 117. The seat shall be attached to the frame assembly with (4) 1/4-20 x 1" pan head machine screws and split lock washers.
- D. Back Construction: The back panel shall be 3/8" thick, electronically glued curved hardwood plywood. The padding material shall be 1-3/4" thick, 2-3/4" thick in the lumbar region, shall be glued to the inner surface of the back panel, and shall conform to the California Bureau of Home Furnishings Technical Bulletin 117. The outside surface of the back panel shall be encapsulated in 1/4" thick slab polyurethane foam. The back shall be attached to the frame assembly using (2) 1/4-20 x 3/4" flat head machine screws and (2) 3/8-16 x 1-1/4" flat head machine screws.
- E. Armrests: Shall be kiln-dried hardwood, nominally 1" thick x 2-1/2" wide x 11-3/4" long. Each armrest will be fastened to the frame assembly with (4) #8 x 5/8" pan head sheet metal screws.
- F. The chair shall be equipped with a non-tilt mechanism.
- G. The chair shall be equipped with a swivel and return cylinder.

PART 3 – OPTIONS

3.1 BACK WITH OUTER WOOD PANEL, PLYWOOD EDGES

- A. Back Construction: Solid back construction comprised of a curved plywood veneer outer panel fastened solidly and without voids to an inner structural plywood panel. The outer panel shall be 15mm thick, faced one side with Grade A veneer centered across the width of the panel, and exposed plywood laminations along all edges. The inner panel shall be 3/8" thick. Both shall be electronically glued hardwood plywood and shall be fastened together with bayonet hanging brackets at the top and two #8 x 3/4" trim head screws at the bottom, resulting in a rigid connection with no visible fasteners on the outer wood panel. The veneer face and edges of the outer panel shall be stained to match the architect's sample. The padding material shall be 1-3/4" thick polyurethane foam, 2-3/4" thick in the lumbar region, shall be glued to the inner panel, and shall conform to the California Bureau of Home Furnishings Technical Bulletin 117. The back assembly shall be attached to the frame assembly using (2) 1/4-20 x 3/4" flat head machine screws and (2) 3/8-16 x 1-1/4" flat head machine screws.

3.2 BACK WITH OUTER WOOD PANEL, HARDWOOD EDGES

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- A. Back Construction: Solid back construction comprised of a curved plywood veneer outer panel fastened solidly and without voids to an inner structural plywood panel. The outer panel shall be 15mm thick, faced one side with Grade A veneer centered across the width of the panel and 1/8" thick hardwood matching the species of the veneer along the top and vertical edges. The inner panel shall be 3/8" thick. Both shall be electronically glued hardwood plywood and shall be fastened together with bayonet hanging brackets at the top and two #8 x 3/4" trim head screws at the bottom, resulting in a rigid connection with no visible fasteners on the outer wood panel. The veneer face and edges of the outer panel shall be stained to match the architect's sample. The padding material shall be 1-3/4" thick polyurethane foam, 2-3/4" thick in the lumbar region, shall be glued to the inner panel, and shall conform to the California Bureau of Home Furnishings Technical Bulletin 117. The back assembly shall be attached to the frame assembly using (2) 1/4-20 x 3/4" flat head machine screws and (2) 3/8-16 x 1-1/4" flat head machine screws.

3.3 INSET UPHOLSTERY, BACK

- A. Back upholstery shall be inset to expose the veneer face on the inside of the outer back panel. The veneer on the inside face on the back panel shall match the veneer species on the outside face and be stained to match.

3.4 END PANEL

- A. Provide manufacturer's standard end panel for both sides of each chair. The configuration of the panel shall follow the angle of the frame and back at the rear, and shall be vertical at the front end. The panel shall be constructed of 3/4" thick plywood with veneer on both sides and 1/8" thick hardwood on the vertical edges. The end panel shall be stained to match the outer wood seat, back, and armrests.

3.5 TILT MECHANISM

- A. Chair shall include a tilt mechanism with a tilt tension adjustment.

3.6 COMPLIANCE WITH CALIFORNIA TECHNICAL BULLETIN 133

PART 4 – WARRANTY

4.1 The Jury Base seating manufacturer must provide a Warranty to the original purchaser of the seating as follows:

- A. The manufacturer shall warrant the product for five (5) years from the date of shipment. This warranty applies to the original purchaser and is non-transferable. The manufacturer will provide parts and labor to replace defective parts for the first two years after installation. Thereafter, TSI will provide replacement parts for the remaining 3 years.
- B. This warranty shall not cover damage from abuse, misuse, neglect, or act of God. Damage caused by modifications to the product by anyone other than an authorized seating manufacturer technician will void this warranty. This warranty does not apply to fabrics or products not installed by authorized seating manufacturer technicians.

PART 5 - EXECUTION

5.1 EXAMINATION

- A. Examine site conditions, with installer present, for compliance with requirements for construction tolerances as they affect anchors and fasteners, and location of junction boxes.
- B. Do not proceed until unsatisfactory conditions have been corrected.

5.2 GENERAL

- A. Comply with seating manufacturer's printed installation instructions applicable to products.
- B. Locate seating in locations indicated on approved shop drawings, with required clearances.
- C. Install standards in locations conforming to seating layout, with each chair base attached to substrate by no less than four anchoring devices of size and type required to insure that chairs are stable under conditions of actual use.
- D. Install chairs using manufacturer's recommended hardware and fasteners. Insure that chairs in curved rows are installed on proper radius and are oriented toward the center point of the radius. Verify that moving components operate smoothly and quietly.

5.3 ADJUSTING

- A. Adjust as required to assure that the seats in each row are aligned when in the unoccupied position.

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- B. Touch-up minor abrasions and imperfections in painted finishes with coating that matches factory-applied finish.
- C. Replace any upholstery that has been damaged during installation.

END OF SPECIFICATION