

PART 1 - GENERAL

1.1 REFERENCE STANDARDS

- .1 American National Standards Institute (ANSI)
 - .1 ANSI A208.1-09, Particleboard.
- .2 American National Standards Institute (ANSI)/Business and International Furniture Manufacturers Association (BIFMA) International
 - .1 ANSI/BIFMA X5.1-2017, American National Standard for Office Furnishings, General Purpose Office Chairs - Tests.
 - .2 BIFMACMD-1-09, BIFMA Chair Measuring Device.
- .3 Health Canada/Workplace Hazardous Materials Information System (WHMIS)
 - .1 Material Safety Data Sheets (MSDS).
- .4 Underwriters' Laboratories Canada (ULC)
 - .1 CAN/ULC-S102-2010, Standard Method of Test for Surfaces Burning Characteristics of Building Materials and Assemblies.
- .5 Underwriters' Laboratories (UL)
 - .1 UL 1286-2008(R2011), Standard for Office Furnishings.

1.2 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Submit in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Product Data:
 - .1 Submit manufacturer's instructions, printed product literature and data sheets for furniture and include product characteristics, performance criteria, physical size, finish and limitations.
 - .2 Submit 2 copies of WHMIS MSDS in accordance with Section 01 35 29 - Health and Safety Requirements.
- .3 Samples:
 - .1 Submit 2 copies of fabric samples.

1.3 CLOSEOUT SUBMITTALS

- .1 Submit in accordance with Section 01 78 00 - Closeout Submittals.
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- .2 Operation and Maintenance Data: submit operation and maintenance data for furniture for incorporation into manual.
- .3 Supply part numbers of furniture to allow for replacement of worn or damaged furniture parts.
- .4 Supply instructions detailing procedures for repairing or replacing worn furniture parts.

1.4 DELIVERY, STORAGE AND HANDLING

- .1 Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements and with manufacturer's written instructions.
- .2 Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with manufacturer's name and address.
- .3 Storage and Handling Requirements:
 - .1 Store materials indoors in dry location and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
 - .2 Store and protect furniture from nicks, scratches, and blemishes.
 - .3 Replace defective or damaged materials with new.

1.5 WARRANTY

- .1 Ensure warranties provide for repair rather than replacement.

PART 2 - PRODUCTS

2.1 MATERIALS

- .1 Wood: visible wood free from open knots.
 - .1 Wood veneers: applied to furniture 0.7 minimum mm thick.
 - .2 Certified Wood to: CAN/CSA-Z809 or FSC or SFI.
 - .3 Adhesives used to apply plastic laminates wood veneers capable of achieving tensile strength of 552 kPa minimum when tested to ASTM C 297.
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2.2 BOARDROOM TABLE

- .1 Rectangular table top 1067 x 3048 x 736 mm (WxLxH) in two pieces. Constructed of 25 mm thick particle board, covered and bonded with water-based glue to 1.6 mm high-pressure plastic laminate. Total top thickness of 28.6 mm. Flat edges with 2 mm pvc edge banding.
- .2 Six(6) 50 mm diameter post legs with center metal stretcher base. Legs construed of 14 gauge tubular steel with 125 x 125 x 4.76 mm steel plate welded to top of leg for attachment to table top. Foot finished with 38 mm plastic adjustable levelling guide. Legs attached to table top with wood screws. Legs finished with powder epoxy coating.
- .3 Include powder and data module with two power outlets.

2.3 CHAIRS

- .1 457 mm wide, armless stacking chair with wood back and upholstered seat.
- .2 Dimensions: 457 seat height, 457 seat width, 838 overall height.
- .3 Frame constructed of 22 mm diameter 14 gauge crimp free steel tubing. Stretcher bars welded to frame to support seat. Frame finished with powder coat epoxy coating. Frame feet of injection molded plastic.
- .4 Seat foundation of plastic with upholstery covers fitted and stapled over 25 mm thick polyurethane foam.
- .5 Wood back of 10 mm thick maple veneer plywood on front and back. Back finished with water based stain with 2 coats of water based UV finish.
- .6 Seat foam and fabric shall be fire retardant.
- .7 Load tested to exceed BIFMA Seating Durability Test to 225 kg,

2.4 FABRICATION

- .1 Manufacture furniture to allow for dismantling and replacing of worn or defective components and recycling options following first use.
 - .1 Fabricate furniture to allow for remanufacturing or refurbishing of furniture following first use.
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.2 Seal exposed surfaces of particleboard constructed with urea formaldehyde adhesives to contain formaldehyde emissions.

.2 Chair marking: to CAN/CGSB-44.232.

.3 Chair labelling: to 12CAN/CGSB-44.232.

PART 3 - EXECUTION

3.1 NOT USED

.1 Not used.