

TECHNICAL SPECIFICATIONS OF CHAIR

- **Structure**

- Stand – To be 200 x 75 x 6 mm. M.S.Flat welded to 38 x 38 x 2 mm, CRCA tube 22", long further supported to 38 x 38 x 2 mm – 11" long CRCA tube.
- Tip – Up movement supported by 200 x 75 x 6 mm M.S.Flat with M.S. twin support 12 mm in Dia.
- Seat Bracket to be 12 x 25 x 100 mm M.S.Flat welded to a plate of 80 x 100 x 3 mm.
- Back Bracket to be 200 x 70 x 70 mm by 1.6 mm CRCA sheet with 2 longitudinal holes for bolting.

- **Back**

- Plywood size 480 x 450 x 12mm thick and PU foam will be 480 x450 x 6 mm.

- **Seat**

- Plywood size 440 x 470 x 19mm thick and PU foam will be 460 x480 x 80 mm.

- **Side Panels**

- All side panels to be of 12 mm plywood covered with fabric and fused with foam, side panel to cover all metal parts.

- **Polyurethane Foam**

No	Property	Unit	Specification		Test Method
			Seat	Back	
1	Apparent Density (Core Density)	Kg/m ³	50 ±5	48±5	ISO 845- 1988
2	IFD @25%	Kg/314 cm ²	15-18	11 - 14	ISO 2349 -1997
3	IFD @40%	Kg/315 cm ²	21 - 24	17 - 20	ISO 2349 - 1997
4	Tensile strength	Kg/cm ²	> 1.1mm	>1.0mm	ISO 1798 - 1997
5	Tear Strength	Kg/cm ²	>0.5mm	>0.5mm	ISO 8067 - 1989

- **Certifications**

- Company is an ISO-9001, ISO-14001, OHSAS-18001 Certified, International Member of BIFMA and Green Guard Certification
- In-house Capabilities -
 - PU Injection / CNC cutting / Laser Cutting / Vacuum forming of plastic/ 7 Tank powder coating/Conveyor assembly / Robotic welding / Circular grinding saw with wide belt grinding / Sanding / Polishing.
- Testing – Having equipment for measuring thickness / Densities.
- Fabric – All Fabric – 100% polyester to be fused with 5mm / 7.5mm foam, wherever quilting is required.
- Powder coating: to be by hoist and crane system followed by degreasing / de-rusting / Activation followed by 7 Tank powder coating process.

- **FABRIC**

- 100% polyester stretch fabric available in various colours, to be fused with 5mm / 7.5mm foam, wherever quilting is required.

- **ARM REST– OPTIONS**

- **Wooden Waterfall Handles**

- To be of size 425 x 25 x 55 / 70 mm depending on the ctc of the chair.

- **Large Cup holders**

- 490 x 100 x 70mm with counter sunk numbering with 20mm Dia and inner with 12mm plywood 95 x 300mm duly cushioned / upholstered.

- **Small Cup holders**

- 460 x 100 x 40mm duly ribbed and supported by 12mm plywood 350 x 70mm cushioned and upholstered.

- **OPTIONAL – Aisle Light**

- Aluminium Box of size 125 x 100mm anodized with slit to slide plate, having row and chair numbering with LED in various colours and plate to be anodized silver.

- To be Flip – up and fold in type with a Box size of 90 x 580 x 400mm. Box to be made of tube of size 80 x 40mm duly bent and supported by 1.6mm
- M. S sheet of width 80mm.
- Tablet mechanism to be Die –casted of size 350 x 40mm duly ribbed and supported by a plate of 180 x 170mm. Tablet to be approx 290 x 250 mm x 16mm either in wood or Plastic.

