

Raw Material Knowledge

Good quality raw materials ensures the stability, aesthetics and the ergonomic aspect of the office furniture. We have highlighted only the key points of the raw material used. The purpose is help to buy office furniture.

Particle Board

It is made of wood chips from short-lived forest trees like Eucalyptus, acacia, rubber formed into particle board and bonded to melamine resin impregnated paper. Melamine layer helps to waterproof, resist scratches, and increase the aesthetics of the surface. It has a variety of colors, low lightweight, easy to construct, but it not seamless, limited in thickness and resistance to water and it is suitable for office furniture in dry areas such as desks, workstations, cabinets, tables etc.,
Board thickness is 25mm / 18mm / 9mm.

Particle Board Finishes

Prelam Finish - Laminate sheet is already pressed from the source.

Cutting process only to be done.

OSL - One side colour laminate & other side white laminate.

BSL - Both side colour laminate.

Post lam Finish - Laminate sheet of 1 mm will be pressed on the top of the plain board.

OSL - One side colour laminate & other side white laminate.

BSL - Both side colour laminate.

OSR - One Side Rough.

Postform Finish - Laminate sheet of 1 mm will be pressed & made to allow a certain degree of bending on one side and other side will be PVC lipping.

Prelam particle board is used in office furniture in Suede finish as standard.

Plywood

Plywood is a material manufactured from thin layers of wood veneer that are glued together under pressure at high temperature to form a thicker, stronger and more flexible flat sheet.

MDF Board: Medium Density Fibre Board

MDF Wood is the beneficial replacement of the plywood created by shattering down the softwood or hardwood residuals into the well-shaped wood fibers, frequently in a defibrillator, combining it with wax and a resin binder to add properties.

MDF is made from resin and wood fibers. It is pressed to produce dense sheets that remain stable in all weather conditions.

Laminate Sheets

Laminate sheets are made by bonding together two or more layers of materials. Laminate sheets from plastics are glued to wood to make the surface aesthetic. These sheets are manufactured by laminating different types of papers with formaldehyde.

Laminates are basically a blend of paper and plastic. Brown paper and Decorative paper soaked in Phenolic and melamine resins are hard-pressed together to form a stiff laminate sheet.

Types Of Laminate Sheets

- Matt finish laminate.
- Glossy finish laminate.
- Metallic finish laminate.

Laminate Finish: Suede And Matt.

It is used for post lam or plywood table.

Edge Banding/Lipping

Edge banding is the material used to seal the exposed and raw edges of board. Heat sensitive adhesive on one side is applied to the board while the other side acts as a barrier against dirt and moisture.

Thickness of the edge banding varies from 0.5mm to 2mm.

Common finish of edge banding: PVC (Poly Vinyl Chloride).

Metal Item

Mild Steel And CRCA (Cold Rolled Cold Annealed) material is cleaned of 7 tank chemical process & Powder coated thickness of 50-60 microns.

Powder Coating: Providing a proactive layer on metal item.

Glasses

Laquered Laminated Glass Panel Of 8mm Thick : 4 mm Clear WB Color + 0.38 mm ClearLam + 4 mm Clear WB Color.

Frosted glass means one side rough and other side plain (Generally).

Fabric: 100% Polyster

Hardware

Ebco Hardware or equivalent made of SS (Stainless Steel).

Hardware Used For Storages And Pedestal

- Normal Bottom Channel Or Telescopic Channel.
- Handles: D Handle / Flush Handle / Groove Handle.
- Lock : Square Lock / Multi Lock.
- Hinges: 0 Crank / 8 Crank / Soft closure hinges.
- Minifix: 2 Part .

Innofit Hardware

- Black Metallic Keyboard Tray : 19 inch / 25 inch And With / Without Mouse Pad.
- Black Metallic CPU Trolley : CPU Trolley With Castors / CPU Holder.
- Metal Single Drawer.
- Stationary Organizer.
- Foot Rest.
- Access Flap / Desk port.
- Glass Holder.