Storage Solutions
AB2

Introduction

In the world of modern interiors, the need for efficient, flexible, and aesthetically pleasing storage solutions is paramount. Whether for offices, libraries, homes, or commercial spaces, our range of cabinets offers versatile options to meet the diverse requirements of our clients. These storage units are designed to blend seamlessly into any environment, providing both functionality and style.

Our product line includes single and double cabinets, drawer-only units, and drawer unit/drop file storage (archive filing cabinet). Available in a variety of materials and finishes, these cabinets are constructed to last, with a keen focus on durability, ease of use, and adaptability to different spaces.

Application of Use

Our storage solutions are ideal for a wide range of applications, including:

- **Office Spaces**: Perfect for organizing files, documents, and office supplies, our cabinets units help maintain a clutter-free workspace.
- **Libraries**: Suitable for storing books, journals, and other reading materials, providing easy access and organization.
- **Commercial Spaces**: Ideal for retail environments, storage rooms, and reception areas where efficient use of space and quick access to stored items are crucial.
- **Home Use**: Whether in the living room, bedroom, or study, our storage solutions help keep personal items organized and accessible.

Product Description

Our storage solutions come in diverse configurations, including single and double cabinets, drawer-only units, and drawer unit/drop file storage (archive filing cabinet). The cabinets are available in both high-quality Melamine or high-quality MDF covered with natural veneer / engineered veneer, providing a range of aesthetic and functional options to suit different tastes and needs.

Configurations

Our cabinets offer versatile configurations to meet diverse requirements and preferences. The configurations are divided based on two primary criteria: -

First: Main material used in the manufacturing the cabinets' parts

1- **MDF Covered with Natural or Engineered Veneer**
Cabinet parts made from high-quality MDF, covered with either natural veneer for a classic, sophisticated look or engineered veneer for a modern, durable finish.

2- **High-Quality Melamine**
Cabinet parts made from high-quality melamine, which is ideal for heavy-duty office environments due to its durability, it is providing a sleek, low maintenance surface, and it is ensuring a uniform and professional look.

Second: Types of Cabinets

1. **Single Cabinets**:
   - **Cabinet Structure / Carcass**: 18 mm thick, with an 8 mm thick back.
   - **Available Sizes**:
     - Fixed Width: 1000 mm * Fixed Depth: 500 mm
     - Heights: 810 mm, 1210 mm, 1600 mm, 2000 mm
     Sub- Configurations
       - **Without Door**: Open shelving design, offering easy access to stored items.
       - **With Hinged Door**: Door can be: -
         - A- High-quality MDF, covered with either natural veneer or engineered veneer. (For cabinets with the same finish for carcass)
         - B- High-quality melamine. (For cabinets with the same finish for carcass)
         - C- An aluminum frame 50 mm wide, with a 4 mm transparent tempered glass infill.
     - A frameless glass door

2. **Double Cabinets**:
   - **Cabinet Structure / Carcass**: 18 mm thick, with an 8 mm thick back.
   - **Available Sizes**:
     - Fixed Width: 930 mm * Fixed Depth: 450 mm
     - Heights: 810 mm, 1210 mm, 1600 mm, 2020 mm
     Sub- Configurations
       - **Without Doors**: Open shelving design, offering easy access to stored items.
       - **With Hinged Doors**: Doors can be: -
         - A- High-quality MDF, covered with either natural veneer or engineered veneer. (For cabinets with the same finish for carcass)
         - B- High-quality melamine. (For cabinets with the same finish for carcass)
         - C- An aluminum frame 50 mm wide, with a 4 mm transparent tempered glass infill.
         - D- A frameless glass door

3. **Drawer-Only Units**:
   - **Cabinet Structure / Carcass**: 18 mm thick, with an 18 mm thick back.
   - **Available Sizes**:
     - Fixed Width: 510 mm * Fixed Depth: 450 mm
     - Heights: 810 mm, 1210 mm, 1600 mm
4. **Drawer Unit/Drop File Storage (Archive Filing Cabinet)**:
   - **Cabinet Structure / Carcass**: 18 mm thick, with an 18 mm thick back.
   - **Available Sizes**:
     - Fixed Width: 510 mm * Fixed Depth: 450 mm
     - Heights: 810 mm, 1210 mm, 1600 mm

Shelving and Drawers

- **Single and Double Cabinets (With doors / Without Doors)**:
    - **810 mm Height**: Comes with one movable shelf.
    - **1210 mm Height**: Comes with two movable shelves.
    - **1600 mm Height**: Comes with two movable shelves and one fixed shelf.
    - **2020 mm Height**: Comes with three movable shelves and one fixed shelf.
- **Drawer-Only Units**:
    - **810 mm Height**: Comes with four drawers.
    - **1210 mm Height**: Comes with six drawers.
    - **1600 mm Height**: Comes with eight drawers.
- **Drawer Unit/Drop File Storage (Archive Filing Cabinet)**:
    - **810 mm Height**: Includes two drawers, with files holder accessory.
    - **1210 mm Height**: Includes three drawers, with files holder accessory.
    - **1600 mm Height**: Includes four drawers, with files holder accessory.

Cabinet Base

- **No Base**: Standard configuration without a base.
- **Wooden Base**: Optional, matching the cabinet's body material, with a height of 60 mm.
- **Metal Base**: Optional, available in various finishes, with a height of 60 mm.

Material Specifications

1. **Core Material**:
    - **Medium-Density Fiberboard (MDF) - Raw / Melamine**:
    MDF-E1 According to European standard EN 13986, with density within the range of 600 to 800 kg/m^3 according to specific product details or specifications provided by the manufacturer, also it has a quality certificate for low formaldehyde emissions according to CATAS laboratories and FSC certificate, so it is considered safe for use in interior environments, engineered for stability, smooth finish, and uniformity.

2. **Surface Finishes (Only in case of MDF Covered with Natural / Engineered Veneer):**
    - **Natural Veneer / Engineered Veneer**:
        - Based on the customer's requirements, natural / engineered veneer is according to its industry standards, with density and thickness varying according to specific product details or manufacturer specifications.
        - The veneer is certified for quality and low formaldehyde emissions according to CATAS laboratories and holds an FSC certificate, ensuring it is safe for use in interior environments.
    - **Polyurethane Paints**:
    Polyurethane Paints for wood are including topcoats, sealers, and varnishes designed for exceptional durability. These high-performance coatings are according to standards ISO 12944 and ASTM D3363, ensuring superior resistance to abrasion. They ensure long-lasting color retention and gloss, maintaining the pristine appearance of surfaces even under harsh conditions.

two coats of PU Sanding sealer are applied, followed by two coats of PU Surfacer, followed by two coats of PU Topcoat of the color chosen.

3. **Aluminum Profiles (for door frame)**:
   Aluminum alloy 6063 is a heat-treatable alloy offering good mechanical properties available in extruded sections. It has a density of 2.7 g/cm3, an average ultimate tensile strength of 150 MPa and a hardness of 50 HB. It also has an excellent corrosion resistance These properties specified for extruded product (bar, rod, solid and hollow shapes) in AS/NZS 1866:1997 Australian standards, coated with epoxy polyester, hybrid system for indoor applications to resist corrosion and wear.

4. **Steel Sheet (for metal base)**:
   According to European standard EN 10131, thickness 1.25 mm, coated with epoxy polyester, hybrid system for indoor applications to resist corrosion and wear.
   Standards for powder coating according to:
   Gloss capacity EN-ISO 2813
   Impact test EN-ISO 6272
   Bend test EN-ISO 1519
   Cross cut test EN-ISO 2409
   PSD: EN-ISO-13320
   Film thickness EN-ISO 2360

Assembly / Installation

Each cabinet unit is designed for easy assembly and straightforward installation. The cabinets come as separate parts unassembled (assembly and install by mobica team). All components are pre-drilled for quick and secure assembly.

Warranty

This product is covered by a one-year limited warranty against manufacturer defects.

Manufacturer Certifications

- o **ISO 9001: 2015** Quality Management System
- o **ISO 14001:2015** Environmental Management System
- o **ISO 45001:2018** Occupational health and safety Management System

ISO 9001:2015
Quality management systems — Requirements

ISO 14001:2015
Environmental management systems — Requirements with guidance for use

ISO 45001:2018
Occupational health and safety management systems — Requirements with guidance for use