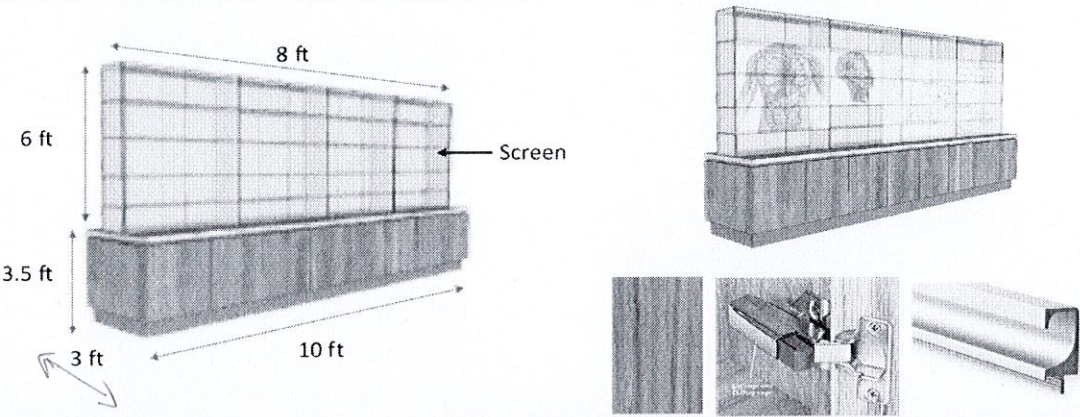


Outline Specifications

School of Medicine

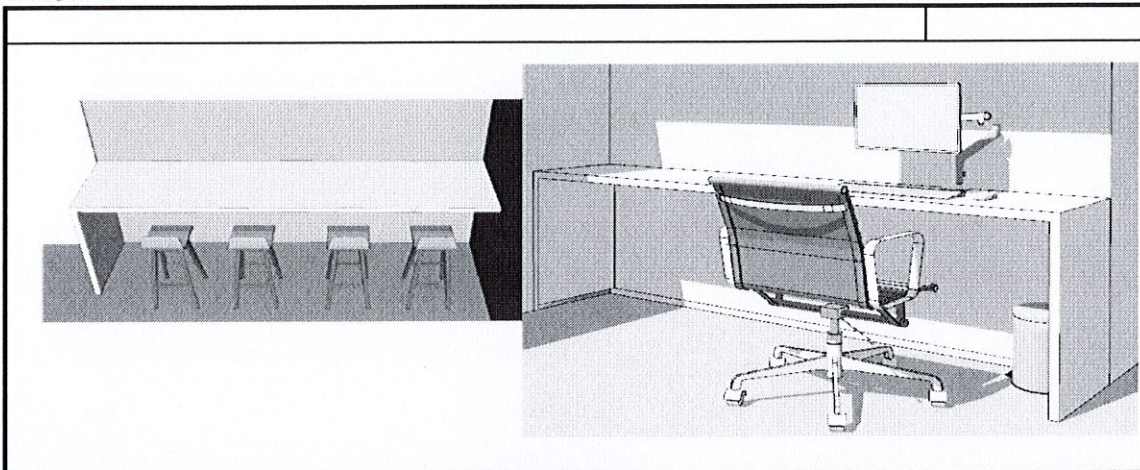
21-August-19

| | |
|--|--|
|  | |
| General Information | |
| Item Description | Convertible Display Cabinet & Glass Writing Board |
| Dimension | As shown on Plan |
| Remarks | with Smart Laminated Glass |
| Carcass | |
| Material | Healthcare Grade High Pressure Laminate on Marine Plywood |
| Finish / Color | Walnut |
| Treatment | Mold, Fungus, Rot, and Fire Retardant |
| Compliance | Shall be E1 compliant and CS-236-66 Type 1, Grade B, Class 2; ANSI A208.1-1999 |
| Edging | Color to match High Pressure Laminate |
| Remarks | All adhesives shall be zero or low Volatile Organic Compound(VOC). |
| Countertop | |
| Material | Monolithic Acrylic Solid Surface |
| Depth of Counter | As shown on Plan |
| Front Profile | 50mm profile |
| Back Splash | N.A. |
| HPL Door Face | |
| Material | Healthcare Grade High Pressure Laminate on Marine Plywood |
| Finish / Color | Walnut |
| Edging | To match HPL |
| Treatment | Mold, Fungus, Rot, and Fire Retardant |
| Compliance | Shall be E1 compliant and CS-236-66 Type 1, Grade B, Class 2; ANSI |
| Glas Display Shelves and Smart Glass | |
| Glass Doors | 10.5mm laminated Smart Glass at 6-7W/m2 |
| Switching Speed | 100-400 milliseconds |
| Haze | 5 ± % (On) / 92 ± % (Off) |
| Ledges | Chemical Resistant HPL on Marine Plywood with Edging (Low VOC) |
| Carcass | Chemical Resistant HPL on Marine Plywood with Edging (Low VOC) |
| Hardware | |
| Hinges | Healthcare Grade Soft Close, Piton-type, Clip-on, and reversable |
| Door & Drawer Handles | Continous Anodized Aluminum C-type handle |
| Drawer Guide | Healthcare Grade Ball Bearings |

Outline Specifications

School of Medicine

21-August-19

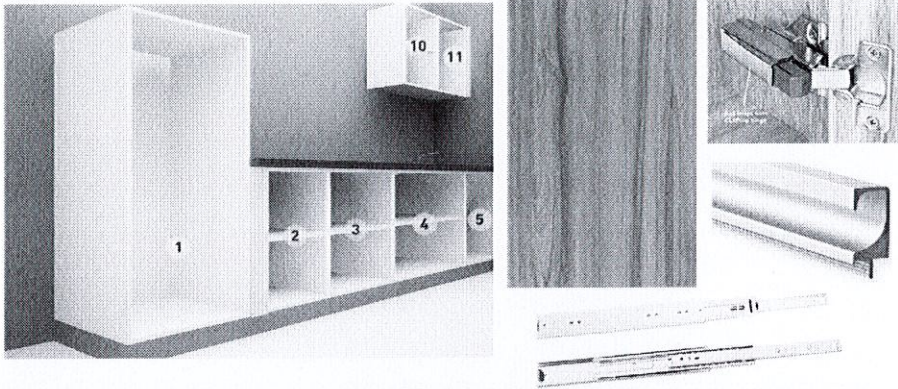


| General Information | | | |
|--|--|---------------------|----------------|
| Item Description | Bench Countertop | | |
| Dimension | 4107 x 500 x 750 mm | | |
| Use | Physiology Lab | | |
| Remarks | | | |
| Counter Top | | | |
| Laminate | Chemical Resistance High Pressure Laminate | | |
| Phenolic Board | 19mm thk. Chemical Resistant SPC | | |
| Finish / Color | Walnut | | |
| HPL Specs | Chemical Resistant High Pressure Laminate | | |
| Thickness | Variation | %Max (mm) | ±0.10 |
| Resistance to surface wear | wear resistance | Rev. (min) | 500-950 |
| Resistance to immersion in boiling water | Thk. increase | % (max) | 9.7 |
| | Mass Increase | % (max) | 9.5 |
| | Appearance | Grade (max level) | No defect |
| Resistance to dry heat | Gross Appearance | Grade (max level) | Slight deflect |
| Dimensional Stability at elevated temp. | Cumulative dimensionn | % (max) f-direction | 0.11 |
| | | % (max) a-direction | 0.34 |
| Resistance to impact by large dia. Ball | Height | Min (mm) | 200-250 |
| Resistance to cracking | Suceptibility | Grade | No defect |
| Resistance to scratching | Load | N (Min) | 2.5-3.9 |
| Resistance to staining | Appearance | Grade | No change |
| Porosity | Appearance | Nonporous Surface | & Edge |
| Resistance to Cigarette burns | Appearance | Grade | No change |
| Resistance to steam | Appearance | Grade | No change |
| Compliance ASTM | EN 438-2:25 / EN 438-2:16 | EN 438-2:17 | |
| | EN 12721 | EN ISO 178 | 790-09 |
| | ASTM E-84 / UL 723 | EN 11ISO 118 | 792-08 |
| | Low Emitting Material | Low-VOC | |
| | Chemical Resistant Test | SEFA 3 | |

Outline Specifications

School of Medicine

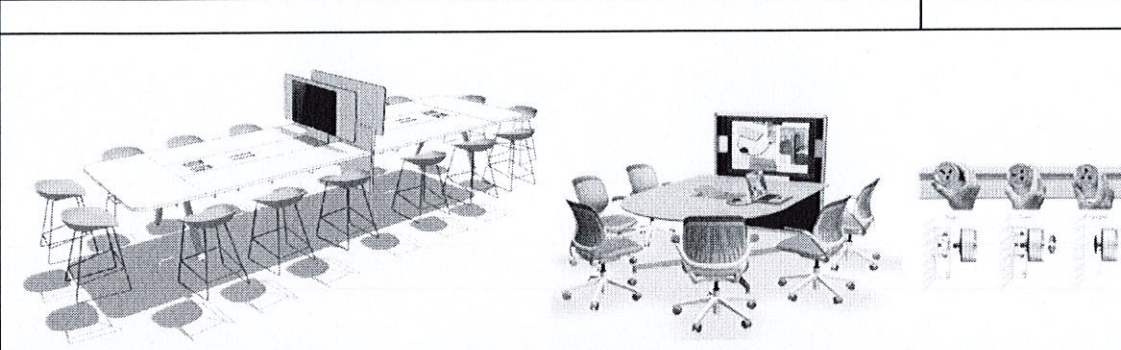
21-August-19

|  | |
|--|--|
| General Information | |
| Item Description | Overhead Cabinet 500mm & 600mm module Base Unit 50mm & 600mm module |
| Dimension | 300mm x 500mm |
| Use | |
| Remarks | Two Internal Adjustable Ledges |
| Carcass | |
| Material | Healthcare Grade High Pressure Laminate on Marine Plywood |
| Finish / Color | Walnut |
| Treatment | Mold, Fungus, Rot, and Fire Retardant |
| Compliance | Shall be E1 compliant and CS-236-66 Type 1, Grade B, Class 2; ANSI A208.1-1999 |
| Edging | Color to match High Pressure Laminate |
| Remarks | All adhesives shall be zero or low Volatile Organic Compound(VOC). |
| Countertop | |
| Material | Monolithic Acrylic Solid Surface |
| Depth of Counter | 600mm |
| Front Profile | Anti-Drip and Anti Spill - 50mm profile |
| Back Splash | 150mm High with r=2mmØ |
| Door & Drawer Face | |
| Material | Healthcare Grade High Pressure Laminate on Marine Plywood |
| Finish / Color | Walnut |
| Edging | To match HPL |
| Treatment | Mold, Fungus, Rot, and Fire Retardant |
| Compliance | Shall be E1 compliant and CS-236-66 Type 1, Grade B, Class 2; ANSI A208.1-1999 |
| Hardware | |
| Hinges | Healthcare Grade Soft Close, Piton-type, Clip-on, and reversable |
| Door & Drawer Handles | Continuous Anodized Aluminum C-type handle |
| Drawer Guide | Healthcare Grade Ball Bearings |

Outline Specifications

School of Medicine

21-August-19

|  | | | |
|--|--|---------------------|----------------|
| General Information | | | |
| Item Description | Collaboration Table | | |
| Dimension | 1200x2500mm / 1200x4000 (6 pax) | | |
| Use | Tutorial Rooms | | |
| Remarks | | | |
| Counter Top | | | |
| Laminate | Chemical Resistance High Pressure Laminate | | |
| Phenolic Board | 19mm thk. Chemical Resistant SPC | | |
| Finish / Color | Submit samples for approval | | |
| HPL Specs | Chemical Resistant High Pressure Laminate | | |
| Thickness | Variation | %Max (mm) | ±0.10 |
| Resistance to surface wear | wear resistance | Rev. (min) | 500-950 |
| Resistance to immersion in boiling water | Thk. increase | % (max) | 9.7 |
| | Mass Increase | % (max) | 9.5 |
| | Appearance | Grade (max level) | No defect |
| Resistance to dry heat | Gross Appearance | Grade (max level) | Slight deflect |
| Dimensional Stability at elevated temp. | Cumulative dimensionn | % (max) f-direction | 0.11 |
| | | % (max) a-direction | 0.34 |
| Resistance to impact by large dia. Ball | Height | Min (mm) | 200-250 |
| Resistance to cracking | Suceptibility | Grade | No defect |
| Resistance to scratching | Load | N (Min) | 2.5-3.9 |
| Resistance to staining | Appearance | Grade | No change |
| Porosity | Appearance | Nonporous Surface | & Edge |
| Resistance to Cigarette burns | Appearance | Grade | No change |
| Resistance to steam | Appearance | Grade | No change |
| Compliance ASTM | EN 438-2:25 / EN 438-2:16 | EN 438-2:17 | |
| | EN 12721 | EN ISO 178 | 790-09 |
| | ASTM E-84 / UL 723 | EN 1ISO 118 | 792-08 |
| | Low Emitting Material | Low-VOC | |
| | Chemical Resistant Test | SEFA 3 | |
| Table Legs | | | |
| Material | Chemical & corrosion resistant Anodized Aluminum | | |
| Accessories | Table Leveler | | |
| Special Electrical Provision | | | |
| Power Management | Under table & Provision for 50" TV (including the bracket) | | |
| Socket & Trucking System | Eubig™ Power Track System (32 Amp max) | | |
| Material | Aluminum | | |

Outline Specifications

School of Medicine

21-August-19

General Information

| | |
|------------------|------------------------------|
| Item Description | Folding Table |
| Dimension | 600 x 1200mm/ 600mm x 1500mm |
| Use | Lecture/Tutorial Rooms |
| Remarks | |

Counter Top

| | | | |
|--|--|---------------------|----------------|
| Laminate | Chemical Resistance High Pressure Laminate | | |
| Phenolic Board | 19mm thk. Chemical Resistant SPC | | |
| Finish / Color | Submit samples for approval | | |
| HPL Specs | Chemical Resistant High Pressure Laminate | | |
| Thickness | Variation | %Max (mm) | ±0.10 |
| Resistance to surface wear | wear resistance | Rev. (min) | 500-950 |
| Resistance to immersion in boiling water | Thk. increase | % (max) | 9.7 |
| | Mass Increase | % (max) | 9.5 |
| | Appearance | Grade (max level) | No defect |
| Resistance to dry heat | Gross Appearance | Grade (max level) | Slight deflect |
| Dimensional Stability at elevated temp. | Cumulative dimensionn | % (max) f-direction | 0.11 |
| | | % (max) a-direction | 0.34 |
| Resistance to impact by large dia. Ball | Height | Min (mm) | 200-250 |
| Resistance to cracking | Suceptibility | Grade | No defect |
| Resistance to scratching | Load | N (Min) | 2.5-3.9 |
| Resistance to staining | Appearance | Grade | No change |
| Porosity | Appearance | Nonporous Surface | & Edge |
| Resistance to Cigarette burns | Appearance | Grade | No change |
| Resistance to steam | Appearance | Grade | No change |
| Compliance ASTM | EN 438-2:25 / EN 438-2:16 | EN 438-2:17 | |
| | EN 12721 | EN ISO 178 | 790-09 |
| | ASTM E-84 / UL 723 | EN 1150 118 | 792-08 |
| | Low Emitting Material | Low-VOC | |
| | Chemical Resistant Test | SEFA 3 | |

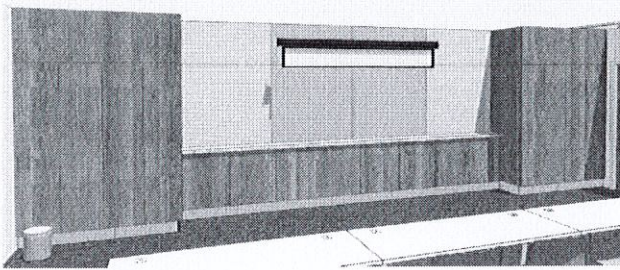

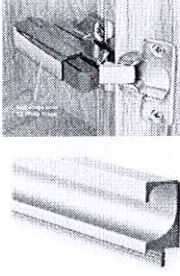
Table Legs

| | |
|-------------|--|
| Material | Chemical & corrosion resistant Anodized Aluminum |
| Accessories | Movable/Locakbale Wheels |

Outline Specifications

School of Medicine

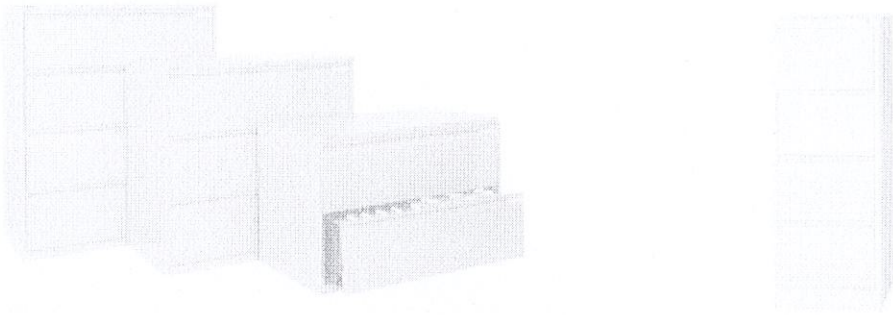
21-August-19

|    | |
|--|--|
| General Information | |
| Item Description | Storage Cabinet Module |
| Dimension | 450mm x 800mm |
| Use | Lecture hall/Tutorial Rooms |
| Remarks | Three (3) Internal Adjustable Ledges |
| Carcass | |
| Material | Healthcare Grade High Pressure Laminate on Marine Plywood |
| Finish / Color | Walnut |
| Treatment | Mold, Fungus, Rot, and Fire Retardant |
| Compliance | Shall be E1 compliant and CS-236-66 Type 1, Grade B, Class 2; ANSI A208.1-1999 |
| Edging | Color to match High Pressure Laminate |
| Remarks | All adhesives shall be zero or low Volatile Organic Compound(VOC). |
| Door & Drawer Face | |
| Material | Healthcare Grade High Pressure Laminate on Marine Plywood |
| Finish / Color | Walnut |
| Edging | To match HPL |
| Treatment | Mold, Fungus, Rot, and Fire Retardant |
| Compliance | Shall be E1 compliant and CS-236-66 Type 1, Grade B, Class 2; ANSI A208.1-1999 |
| Hardware | |
| Hinges | Healthcare Grade Soft Close, Piton-type, Clip-on, and reversible |
| Door & Drawer Handles | Continuous Anodized Aluminum C-type handle |

Outline Specifications

School of Medicine

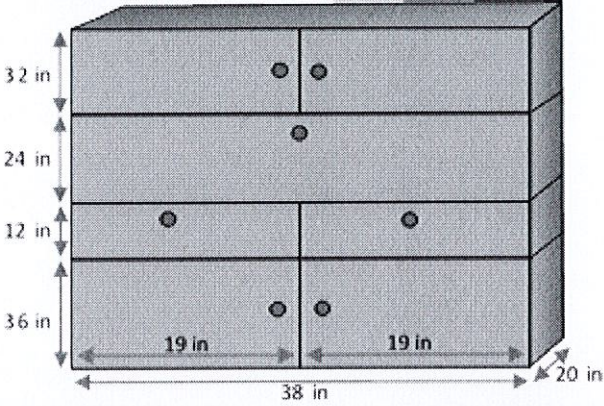
21-August-19

|  | |
|--|--|
| General Information | |
| Item Description | Metal Filing Cabinet (3 & 4 Tier) |
| Dimension | 900 (w) x 600(d) mm |
| | As reflected on Plan |
| Material | Oven Baked Enable Galvanized Steel (or as manufacturer's Specifications) |
| Finish / Color | White or Light Gray |
| Treatment | Anti-corrosion |
| Features | Central Locking System |
| | Powder-Sand Coated |
| | Anti-Tilt System |
| | Ball Bearing Hinges |
| | 82% Recycled Component |
| | 65% Post Consumer Recycle Content |
| | 17% Pre Consumer Recycle Component |
| | 100% Recyclable Content |
| Compliance | ASTM D3451 |
| | ASTM A653 / A653M |
| | ASTM B117 |
| | ISO 9227 |
| | |
| | |

Outline Specifications

School of Medicine

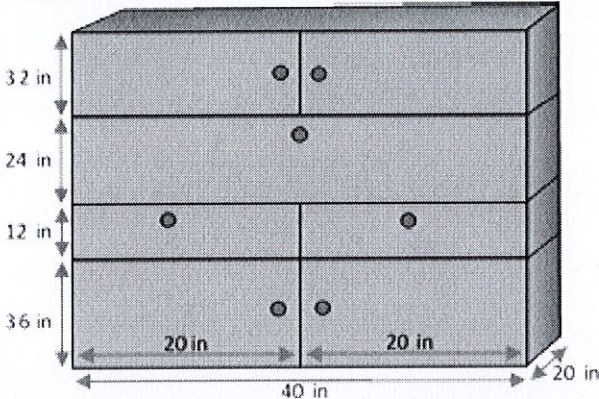
21-August-19

|  <p>* 6.5 sets of this cupboard</p> | |
|--|--|
| General Information | |
| Item Description | Wall Cupboard (Skills lab) (Has a total of 6.5 sets of the cupboard in the above diagram) |
| Dimension | 30 inches x 20 inches x 104 inches |
| Use | For skills lab |
| Remarks | |
| Carcass | |
| Material | Healthcare Grade High Pressure Laminate on Marine Plywood |
| Finish / Color | Walnut |
| Treatment | Mold, Fungus, Rot, and Fire Retardant |
| Compliance | Shall be E1 compliant and CS-236-66 Type 1, Grade B, Class 2; ANSI A208.1-1999 |
| Edging | Color to match High Pressure Laminate |
| Remarks | All adhesives shall be zero or low Volatile Organic Compound(VOC). |
| Countertop | |
| Material | Monolithic Acrylic Solid Surface |
| Depth of Counter | 20" |
| Front Profile | Anti-Drip and Anti Spill - 50mm profile |
| Back Splash | 150mm High with r=2mmØ |
| Door & Drawer Face | |
| Material | Healthcare Grade High Pressure Laminate on Marine Plywood |
| Finish / Color | Walnut |
| Edging | To match HPL |
| Treatment | Mold, Fungus, Rot, and Fire Retardant |
| Compliance | Shall be E1 compliant and CS-236-66 Type 1, Grade B, Class 2; ANSI |
| Hardware | |
| Hinges | Healthcare Grade Soft Close, Piton-type, Clip-on, and reversable |
| Door & Drawer Handles | Continuous Anodized Aluminum C-type handle |
| Drawer Guide | Healthcare Grade Ball Bearings |

Outline Specifications

School of Medicine

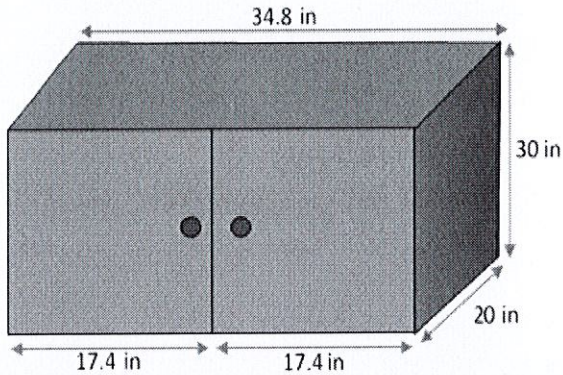
21-August-19

|  <p>* 5.5 sets of this cupboard</p> | |
|--|---|
| General Information | |
| Item Description | Wall Cupboard and counter (Anatomy lab) (Has a total of 5.5 sets of the cupboard in the above diagram) |
| Dimension | 40 inches x 20 inches x 104 inches |
| Use | For anatomy lab |
| Remarks | |
| Carcass | |
| Material | Healthcare Grade High Pressure Laminate on Marine Plywood |
| Finish / Color | Walnut |
| Treatment | Mold, Fungus, Rot, and Fire Retardant |
| Compliance | Shall be E1 compliant and CS-236-66 Type 1, Grade B, Class 2; ANSI A208.1-1999 |
| Edging | Color to match High Pressure Laminate |
| Remarks | All adhesives shall be zero or low Volatile Organic Compound(VOC). |
| Countertop | |
| Material | Monolithic Acrylic Solid Surface |
| Depth of Counter | 20" |
| Front Profile | Anti-Drip and Anti Spill - 50mm profile |
| Back Splash | 150mm High with r=2mmØ |
| Door & Drawer Face | |
| Material | Healthcare Grade High Pressure Laminate on Marine Plywood |
| Finish / Color | Walnut |
| Edging | To match HPL |
| Treatment | Mold, Fungus, Rot, and Fire Retardant |
| Compliance | Shall be E1 compliant and CS-236-66 Type 1, Grade B, Class 2; ANSI |
| Hardware | |
| Hinges | Healthcare Grade Soft Close, Piton-type, Clip-on, and reversable |
| Door & Drawer Handles | Continuous Anodized Aluminum C-type handle |
| Drawer Guide | Healthcare Grade Ball Bearings |

Outline Specifications

School of Medicine

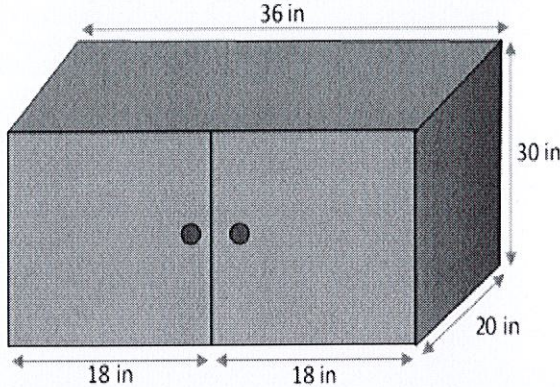
21-August-19

| | |
|---|--|
|  <p style="text-align: right;">* 2.5 sets of this cupboard</p> | |
| General Information | |
| Item Description | Counter (Skills lab) (Has a total of 2.5 sets of the cupboard in the above diagram) |
| Dimension | 34.8 inches x 20 inches x 30 inches |
| Use | For counter use |
| Remarks | |
| Carcass | |
| Material | Healthcare Grade High Pressure Laminate on Marine Plywood |
| Finish / Color | Walnut |
| Treatment | Mold, Fungus, Rot, and Fire Retardant |
| Compliance | Shall be E1 compliant and CS-236-66 Type 1, Grade B, Class 2; ANSI A208.1-1999 |
| Edging | Color to match High Pressure Laminate |
| Remarks | All adhesives shall be zero or low Volatile Organic Compound(VOC). |
| Door & Drawer Face | |
| Material | Healthcare Grade High Pressure Laminate on Marine Plywood |
| Finish / Color | Walnut |
| Edging | To match HPL |
| Treatment | Mold, Fungus, Rot, and Fire Retardant |
| Compliance | Shall be E1 compliant and CS-236-66 Type 1, Grade B, Class 2; ANSI A208.1-1999 |
| Hardware | |
| Hinges | Healthcare Grade Soft Close, Piton-type, Clip-on, and reversable |
| Door & Drawer Handles | Continuous Anodized Aluminum C-type handle |

Outline Specifications

School of Medicine

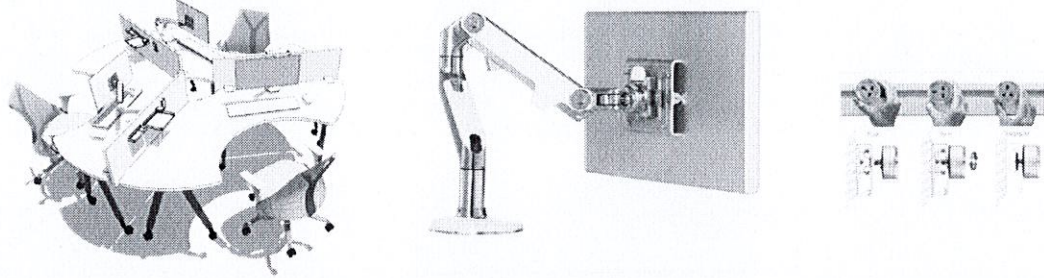
21-August-19

| | |
|---|---|
|  <p style="text-align: right;">* 5 sets of this cupboard</p> | |
| General Information | |
| Item Description | Counter (Anatomy lab) (Has a total of 5 sets of the cupboard in the above diagram) |
| Dimension | 15" x 32" x 30" |
| Use | For counter use |
| Remarks | |
| Carcass | |
| Material | Healthcare Grade High Pressure Laminate on Marine Plywood |
| Finish / Color | Walnut |
| Treatment | Mold, Fungus, Rot, and Fire Retardant |
| Compliance | Shall be E1 compliant and CS-236-66 Type 1, Grade B, Class 2; ANSI A208.1-1999 |
| Edging | Color to match High Pressure Laminate |
| Remarks | All adhesives shall be zero or low Volatile Organic Compound(VOC). |
| Door & Drawer Face | |
| Material | Healthcare Grade High Pressure Laminate on Marine Plywood |
| Finish / Color | Walnut |
| Edging | To match HPL |
| Treatment | Mold, Fungus, Rot, and Fire Retardant |
| Compliance | Shall be E1 compliant and CS-236-66 Type 1, Grade B, Class 2; ANSI A208.1-1999 |
| Hardware | |
| Hinges | Healthcare Grade Soft Close, Piton-type, Clip-on, and reversable |
| Door & Drawer Handles | Continuous Anodized Aluminum C-type handle |

Outline Specifications

School of Medicine

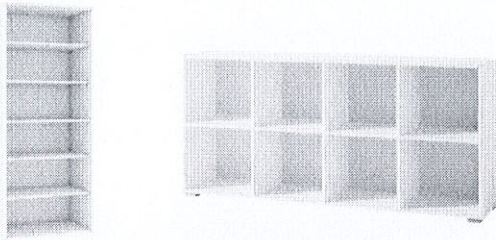
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|--|--|---------------------|----------------|
|  | | | |
| General Information | | | |
| Item Description | Computer Lab Tables (120 deg) | | |
| Dimension | 1250x1250x600mm (120 deg) | | |
| Use | Computer Lab | | |
| Remarks | | | |
| Counter Top | | | |
| Laminate | Chemical Resistance High Pressure Laminate | | |
| Phenolic Board | 19mm thk. Chemical Resistant SPC | | |
| Finish / Color | Submit samples for approval | | |
| HPL Specs | Chemical Resistant High Pressure Laminate | | |
| Thickness | Variation | %Max (mm) | ±0.10 |
| Resistance to surface wear | wear resistance | Rev. (min) | 500-950 |
| Resistance to immersion in boiling water | Thk. increase | % (max) | 9.7 |
| | Mass Increase | % (max) | 9.5 |
| | Appearance | Grade (max level) | No defect |
| | Gross Appearance | Grade (max level) | Slight deflect |
| Resistance to dry heat | | | |
| Dimensional Stability at elevated temp. | Cumulative dimensionn | % (max) f-direction | 0.11 |
| | | % (max) a-direction | 0.34 |
| Resistance to impact by large dia. Ball | Height | Min (mm) | 200-250 |
| Resistance to cracking | Suceptibility | Grade | No defect |
| Resistance to scratching | Load | N (Min) | 2.5-3.9 |
| Resistance to staining | Appearance | Grade | No change |
| Porosity | Appearance | Nonporous Surface | & Edge |
| Resistance to Cigarette burns | Appearance | Grade | No change |
| Resistance to steam | Appearance | Grade | No change |
| Compliance ASTM | EN 438-2:25 / EN 438-2:16 | EN 438-2:17 | |
| | EN 12721 | EN ISO 178 | 790-09 |
| | ASTM E-84 / UL 723 | EN 11SO 118 | 792-08 |
| | Low Emitting Material | Low-VOC | |
| | Chemical Resistant Test | SEFA 3 | |
| | | | |
| Table Legs | | | |
| Material | Chemical & corrosion resistant Anodized Aluminum | | |
| Accessories | Table Leveler | | |
| Special Electrical Provision | | | |
| Power Management | Under table | | |
| Socket & Trucking System | Eubig™ Power Track System (32 Amp max) | | |
| Material | Aluminum | | |
| Accessories | Table mounted Monitor Bracket | | |

Outline Specifications

School of Medicine

21-August-19

| | | | |
|---|--|---------------------|----------------|
|  | | | |
| General Information | | | |
| Item Description | High and Low Book Shelves | | |
| Dimension | High book shelves- 800mm x 500mm x 1956mm Low bookshelves- 800mm x 500mm x 1370mm | | |
| Use | Reading & Journals | | |
| Remarks | | | |
| Carcass | | | |
| Material | Healthcare Grade High Pressure Laminate on Marine Plywood | | |
| Finish / Color | White Laminate | | |
| Treatment | Mold, Fungus, Rot, and Fire Retardant | | |
| Compliance | Shall be E1 compliant and CS-236-66 Type 1, Grade B, Class 2; ANSI A208.1-1999 | | |
| Edging | Color to match High Pressure Laminate | | |
| Remarks | All adhesives shall be zero or low Volatile Organic Compound(VOC). | | |
| External | | | |
| Laminate | Chemical Resistance High Pressure Laminate | | |
| Phenolic Board | 19mm thk. Chemical Resistant SPC | | |
| Finish / Color | Submit samples for approval | | |
| HPL Specs | Chemical Resistant High Pressure Laminate | | |
| Thickness | Variation | %Max (mm) | ±0.10 |
| Resistance to surface wear | wear resistance | Rev. (min) | 500-950 |
| Resistance to immersion in boiling water | Thk. increase | % (max) | 9.7 |
| | Mass Increase | % (max) | 9.5 |
| | Appearance | Grade (max level) | No defect |
| Resistance to dry heat | Gross Appearance | Grade (max level) | Slight deflect |
| Dimensional Stability at elevated temp. | Cumulative dimensionn | % (max) f-direction | 0.11 |
| | | % (max) a-direction | 0.34 |
| Resistance to impact by large dia. Ball | Height | Min (mm) | 200-250 |
| Resistance to cracking | Suceptibility | Grade | No defect |
| Resistance to scratching | Load | N (Min) | 2.5-3.9 |
| Resistance to staining | Appearance | Grade | No change |
| Porosity | Appearance | Nonporous Surface | & Edge |
| Resistance to Cigarette burns | Appearance | Grade | No change |
| Resistance to steam | Appearance | Grade | No change |
| Compliance ASTM | EN 438-2:25 / EN 438-2:16 | EN 438-2:17 | |
| | EN 12721 | EN ISO 178 | 790-09 |
| | ASTM E-84 / UL 723 | EN 1150 118 | 792-08 |
| | Low Emitting Material | Low-VOC | |
| | Chemical Resistant Test | SEFA 3 | |