



TIER 1 ONE  
PREMIER WOOD

The perfect blend of old world craftsmanship and modern design.



trust. create. discover.

## ICScientific Tier One Premier Wood Casework

Your single source for superior laboratory wood, casework, fume hoods, work surfaces and fixtures.

Robotically finished in clean room environment.

- ▶ Carefully hand-selected, premium grade veneers
- ▶ Vertical grain matched, full flush overlay
- ▶ Maples, Oaks, Cherry, Bamboo, European Steamed Beach, American White Ash, or other exotic sepecies
- ▶ Select from seven premier finishes or customize to your project
- ▶ Built to Tier One project specifications
- ▶ LEED points contributor
- ▶ Chain of custody certified FSC® Product
- ▶ Exceeds SEFA standards for resistance and performance

TIER **1** ONE  
PREMIER WOOD



MAPLE



RED OAK



CHERRY



BAMBOO



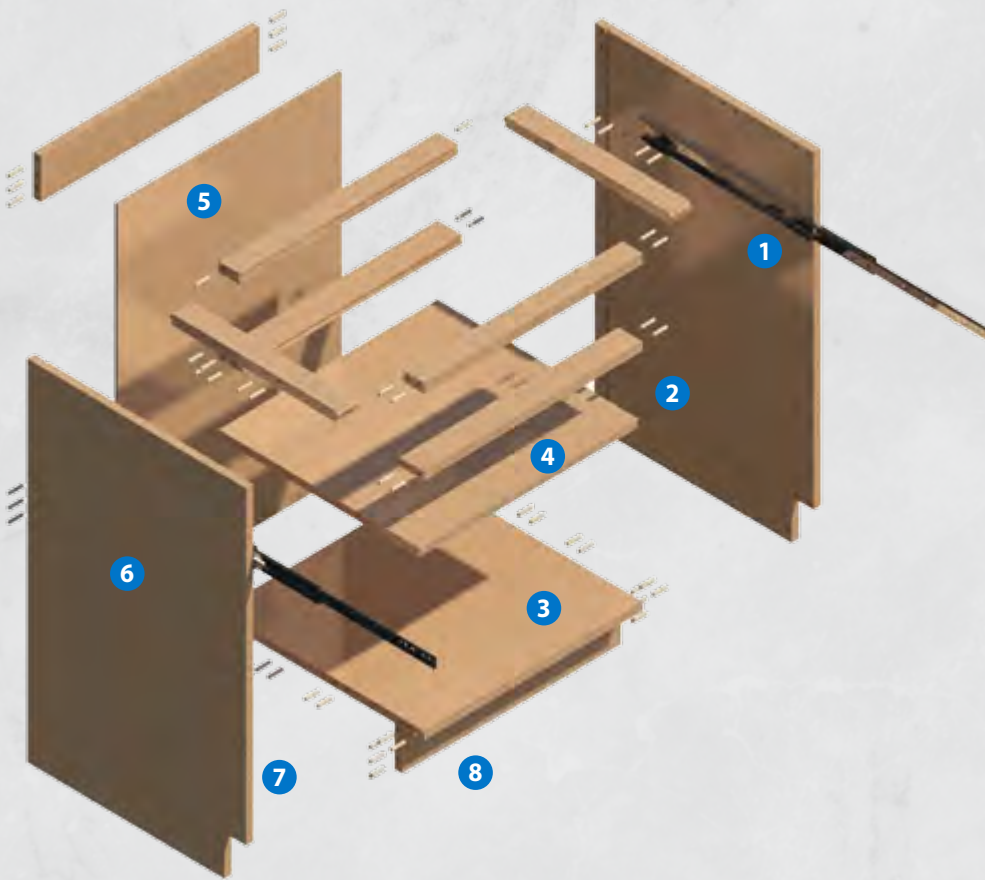
EUROPEAN BEECH



AMERICAN WHITE ASH

**Tier One cabinet construction is bored, doweled, dadoed, glued and screwed construction.**

Cabinets are enclosed without use of common partitions. Interiors, whether exposed or unexposed, are stain color matched to exterior finish.

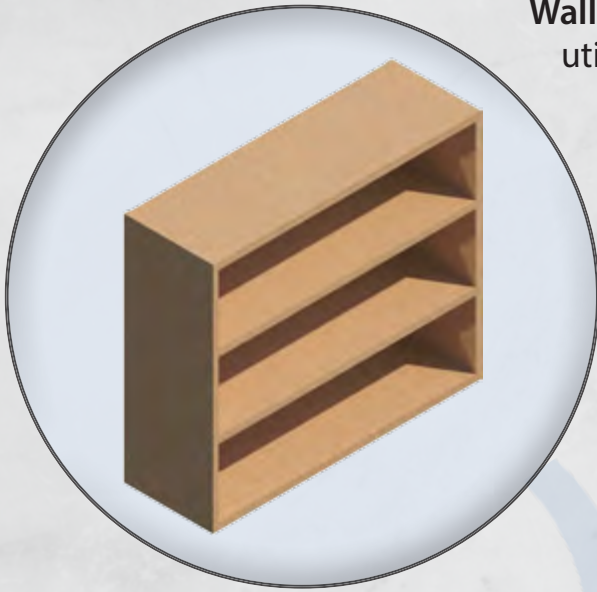


- 1 A full (sides, front, back) horizontal, mortise, tendon and glued, solid hardwood top frame (2¼" x 1") is bored, doweled, glued, and reinforced with six (6) screws into the cabinet.
- 2 Front intermediate rails (¾" x 2½") are solid hardwood. Back intermediate rails are furnished when drawer separators are required.
- 3 Bottom, shelves and divider panels are ¾" veneer core plywood (selected species).
- 4 Cabinets exceeding 36" in width, shelf is 1" thick. Shelves are supported with a heavy duty, laboratory grade, twin pin plastic shelf clip, which fit into double rows of holes 1¼" on centers.
- 5 Finished exterior backs are ¾" plywood (selected species). Cabinets with exposed or unexposed interiors have ¼" backs (selected species) stained color to match exterior finish. Backs are recessed and encapsulated into dadoed end panels then screwed into top and bottom case members.
- 6 Exposed or unexposed end panels are ¾" veneer core plywood (selected species).
- 7 Exposed edges of front top horizontal frame and intermediate rail members; end panels, bottom, shelves, and dividers are edged with ⅜" solid lumber (selected species).
- 8 Standard enclosed toe space (2¼" x 4") is provided with toe rail bored, doweled and glued to the end panels.

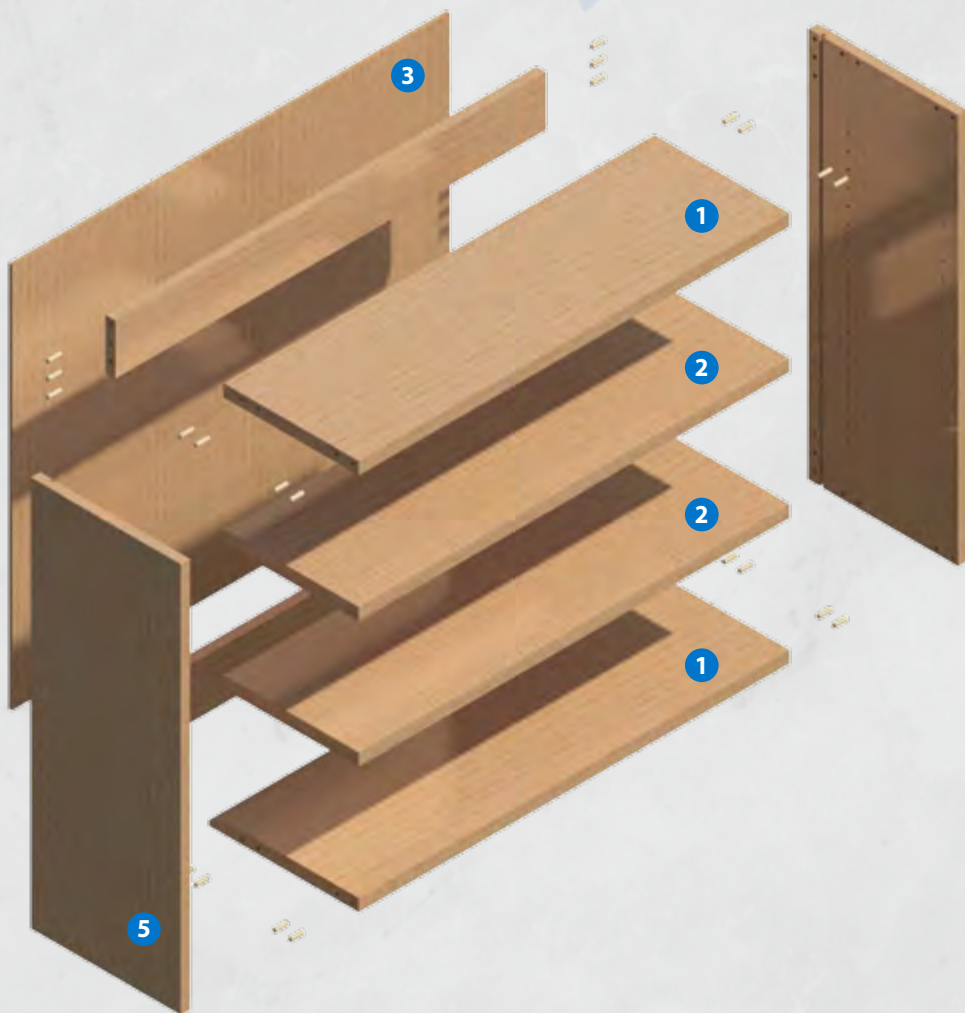
- 1 Tier One has square-edged drawer faces screwed to the face of a full drawer box. Pulls are stainless steel rod design.
- 2 Drawer box front, sides and back are ½", 9-ply laminated, NAUF, hardwood plywood, FSC 100% compliant.
- 3 Both door and drawer fronts are ¾" thick and have a slight eased edge to the square edge. Full flush overlay matched vertical grain door and drawer fronts have a particleboard core with a rift or plain-sliced cut veneer face and back (selected species) and a ⅜" lumber stick edge-band. Both vertical and horizontal reveals are ⅛". Cabinet edge is ⅜" lumber stick band. Doors have either a 5-knuckle stainless steel hinge or a semi-concealed 2½" high hinge with off-set wings attached to the door and cabinet end.
- 4 All four corners of the drawer box are dovetailed and glued. Drawer sides are sanded smooth and have a coat of baked on catalyzed conversion varnish.
- 5 Drawer bottom is ¼" thick with either plywood veneer core or white melamine face.
- 6 Drawer bottom is let in on four sides, and securely glued underneath with continuous bead of glue around the perimeter of the drawer bottom.
- 7 Drawer slides are zinc plated, cold rolled steel, heavy duty-duty, side mount with a 100 lbs. load capacity. They are equipped with heavy-duty, steel ball bearing roller for smooth effortless operation. Slides are full extension and have automatic positive stop to prevent drawer's accidental removal, but allow for quick removal without tools.



**Wall and upper cases are rigidly constructed, integral units** utilizing bored, doweled, glued and screwed construction while providing a flush interior and exterior. Both standard Tier One wall and upper cases are constructed as follows:



- 1 Top and bottom panels on cases with exposed/unexposed interiors, are 1" veneer core plywood (selected species). Top panels are bored, doweled and glued to the end panels. Bottom panels are 1" thick, full depth, bored, doweled and glued to the end panels with finished bottom edge band. Flush bottoms are finished to match casework on exposed exterior.
- 2 Adjustable shelves are 1" veneer core plywood when exposed/unexposed (selected species). Shelves are supported on heavy-duty, laboratory standard grade plastic shelf clips, which fit into holes drilled 32mm on centers, in the case end panels.



- 3 Cases with exposed or unexposed interiors have back of 1/4" veneer core plywood (selected species). All 1/4" backs are recessed and let into dadoed end panels, screwed to top and bottom back rails and bottom panels.
- 4 End panels are 3/4" veneer core plywood when exposed/unexposed (selected species).
- 5 Solid lumber edge banding for all end panels, top and bottom panels, and shelves is 3/16" thick (selected species).
- 6 Top and bottom exterior back veneer core plywood hanger rails are bored, doweled and glued to the end panels and then screwed to the top or bottom panel (not shown).

**Tall cases are rigidly constructed, integral units** utilizing bored, doweled, glued and screwed construction while providing a flush interior and exterior. Standard Tier One tall cases are constructed as follows.



- 1 End panels are  $\frac{3}{4}$ " hardwood veneer core plywood when exposed/unexposed (selected species).
- 2 Adjustable shelves are 1" veneer core plywood when exposed/unexposed (selected species). Center shelf is fixed for structural support.
- 3 Full, flush bottom panels are bored and glued into end panels. Exposed/unexposed bottom is  $\frac{3}{4}$ " veneer core plywood (selected species).

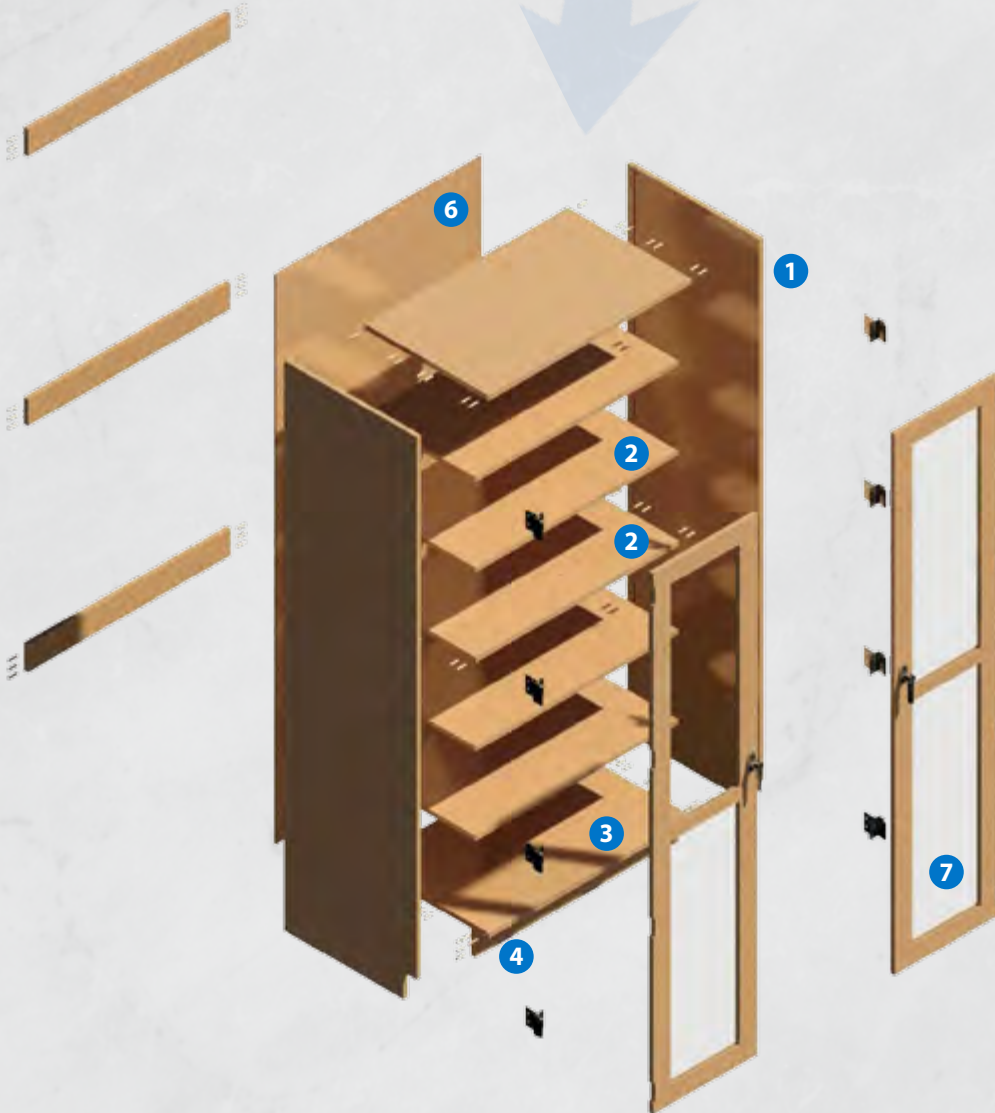
4 Toerails are 4" high,  $\frac{3}{4}$ " hardwood plywood, bored, doweled and glued into end panels.

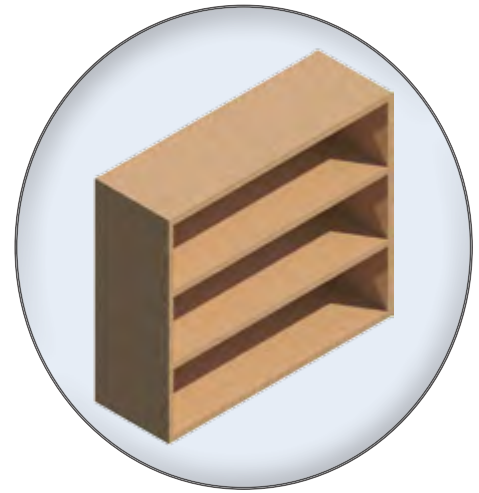
5 Rear anchor rails are  $\frac{3}{4}$ " hardwood plywood, bored, doweled and glued into the end panels.

6 Cabinets with exposed/unexposed interiors have  $\frac{1}{4}$ " veneer core plywood backs (selected species). All backs are recessed and let into dadoed end panels and screwed to the back top rail and bottom panel. Cabinets with exposed finished backs are  $\frac{3}{4}$ " veneer core plywood (selected species) bored, doweled and glued into the end panels.

7 Glazed cabinet doors are hardwood (selected species), lumber stiles and rails,  $1\frac{1}{16}$ " thick. All door hinges are stainless steel and install with Euro screws for laboratory grade, non-spin out feature.

\* Bottom, shelves and divider panels are  $\frac{3}{4}$ " veneer core plywood (selected species).





### Key Features

|                              |  |
|------------------------------|--|
| <b>Product Design</b>        | The perfect blend of pride in craftsmanship with current, modern design. Full flush construction, with vertical grain match on doors and drawers. Casework construction is bored, doweled, dadoed, glued and screwed. Both the vertical and horizontal reveals are 1/8"; and, match 1/8" horizontally with adjacent cabinet. All edge banding is 3/16" (5mm) solid lumber. |
| <b>Full Product Offering</b> | Base cabinets, wall, upper and tall cases are available in floor mounted, suspended and mobile models. Tier One addresses stand-up, ADA and sit-down applications. Add the fact that Tier One can be fully integrated with ICI's adaptable furniture systems – you have flexibility with style.  |
| <b>Product Options</b>       | Maple – Plain Sliced<br>Red Oak – Rift Cut<br>Cherry – Plain Sliced<br>Bamboo – Vertical Sliced<br>European Beech – Plain Sliced<br>American White Ash – Plain Sliced  |
| <b>Key Markets</b>           | College and University; Pharmaceutical; Industrial   |
| <b>Industry Compliant</b>    | SEFA (Scientific Equipment & Furniture Association) Certified to Standards of Performance & Resistance:<br>SEFA 8 – Laboratory Grade Wood Casework<br>FSC COC (Chain Of Custody) Certified - #001156<br>ATBCB ADAAG (ADA Standards)<br>USGBC LEED – MR & IEQ Credits<br>AWI QCP<br>UL 1275 (Flammable Storage)   |

***The perfect blend of old world craftsmanship and modern design.***

Since ICI's inception in 2006, we've installed well over 1,500 College, University, Community College, Private Academies, Teaching Medical & Research Centers, Advanced Technology Centers, and Pharmaceutical Laboratories. This manufacturing culture of craftsmanship & design has installed tens of thousands such projects since 1951. Experience Shows!

Tier One™ Premier Wood casework is built to your project specifications; and, you may select from seven custom premier finishes, or specify your custom finish. Tier One Premier Wood™ exceeds SEFA™ (Scientific Equipment and Furniture Association) certification to performance standards and resistance for laboratory grade casework and furniture.

**Belmont University, TN**



**University of North Alabama, AL**



**Missouri Western University, MO**



**Texas A&M, TX**



**Nichols State University, LA**



**University of Illinois, IL**





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