



All Plywood Construction

- **Front Frames:** 3/4" thick solid wood with 1-1/2" wide stiles and rails unless otherwise specified. Blind mortise and tenon joints. Non-standard configurations must be ordered as custom fronts.
- **Cabinet Sides:** 1/2" thick plywood with prefinished Natural Birch veneer on one side.
- **Cabinet Tops:** 1/2" thick plywood with prefinished Natural Birch veneer on one side. Most base cabinets, have open tops with two 1/2" thick by 3" deep plywood support strips running across the full width of the cabinet in the front and back. Sink and Vanity Sink cabinets have cut back support strips that run front to back to ease sink installation. Some Specialty cabinets have full tops.
- **Cabinet Bottoms and Backs:** 1/2" thick plywood with prefinished Natural Birch veneer on one side.
- **Shelves:** 3/4" thick Natural Birch plywood with a banded front edge. Both sides of shelves are finished with a UV clear coat. Shelf height adjustable in 32mm increments. Plywood shelves are standard and can be upgraded to a solid Birch wood shelf.
- **Drawer Boxes:** English dovetail construction. 5/8" thick solid wood with eased top edge. 1/4" thick bottoms standard; 3/8" thick bottoms and additional drawer box options available at an upcharge. Drawer boxes are finished with a UV clear coat.
- **Toeboard Backers:** 1/2" thick plywood with prefinished Natural Birch veneer on both sides. Designed to fully enclose toe space and provide support for applied, finished toe boards.
- **Toeboard Strips:** Available in 4" high x 8' long x 1/2" thick plywood strips in Cherry, Hard Maple or Red Oak.
- **Prefinished Interior:** Clear finished interiors are standard. Clear finish is on interior of backs, tops, bottoms and sides. If you wish to finish the interior cabinet surfaces order Matching Specie Interior Option.
- **Matching Specie Interior:** Matching Specie Interior cabinets are unfinished. Drawer box parts and solid wood shelf upgrades do not apply.

Custom Size Cabinet Program

Conestoga's custom size Cabinet Systems Program allows customers to simplify their manufacturing and ordering processes by eliminating the need to modify stock size cabinets and parts to achieve non-standard sizes. Ordering custom size cabinets reduces the amount of time spent calculating part sizes, eliminates additional machining of parts, reduces the chances for error throughout the entire process and allows customers to order a complete cabinet – including doors and drawer boxes – with minimal effort.

- Most custom size cabinets are available with widths, heights and depths in 1/16" increments. Cabinets with drawer boxes are limited to 12", 15", 18", 21", 24", 27" and 30" depths to correspond with drawer slide hardware.
- Standard Cabinet Systems options are available with custom sized cabinets with some exceptions. See individual cabinet offering for specific size ranges and options per cabinet.
- Door and drawer front overlays will follow standard overlay rules as outlined in the Doors/Drawer Fronts Section.
- Standard cabinets less than 24" wide will receive one door. Standard cabinets over 24" wide will receive 2 doors. Custom cabinets 24" wide are available with either single or butt doors and must be specified.
- Shelf depths in custom cabinets typically will be 2" less than the overall cabinet depth. Exceptions include:
 - ♦ Cabinets from 20-1/16" to 24" deep have 18" deep shelves.
 - ♦ Cabinets from 24-1/16" to 30" deep have 21" deep shelves.
- Shelves over 18" in depth, double entry and some specialty cabinet shelves not available with wood shelf upgrade.

Custom Size Cabinet Program (continued)

- Custom size cabinet code is listed after stock size cabinet code in header bar.

B/CSB - Base

- Online users should provide the applicable custom sized cabinet code along with the width, height and depth of the cabinet.

Accessory Specifications

- **Lazy Susan:** White molded plastic, independently rotating shelves.
- **Wood Susan:** Prefinished Maple plywood susan with durable laminated wooden edge. Designed for use without a center pole. Ring bearings are included per susan.
- **Drawer Slides**
 - ◆ **Undermount Full Extension – Blum TANDEM plus BLUMOTION:** Soft close zinc coated steel and self-closing with rear mount screw-in bracket. 100 lb. dynamic load capacity.
 - ◆ **Side Mount – Full Extension Ball Bearing:** Chrome plated steel ball bearing slide for 12-1/2" deep wall cabinets and POT's only. 75 lb. dynamic load capacity.
- **Hinges**
 - ◆ **Blum:** Nickel plated concealed hinges for inset, 1/2", 1-1/4" and 1-3/8" overlays with integrated soft close feature. 170° corner cabinet hinges are not available with the soft close feature.
 - ◆ **Economy:** Nickel plated concealed hinges for 1/2" (105° opening), 1-1/4" and 1-3/8" (110° opening) overlays with integrated soft close feature.
- **Shelf Rests:** Brass plated 5mm diameter metal shelf rests.
- **Pie Cut Soss Hinge:** Polished brass colored Soss hinge option available on Base Lazy Susan and Wall Corner Pie Cut cabinets only. Routing for Soss hinges are spaced 18" apart and entered on the edge of the door. This rout will be the same for all cabinet heights and overlays. Maximum door height is 42".
- **Tambour Door Track:** Spring tension track system with opening control similar to a window shade. Tambour door is a balanced construction veneer core to prevent warping.

Cabinet Systems accessories subject to change. Replacement items will maintain similar specifications.

Program Specie Specifications

- **Cherry and Red Oak*:** Value grade doors and Standard grade front frames – panels may vary slightly in color but will be similar. Panels and framing may contain areas of sapwood. Light to medium color is acceptable. Mineral and pin knots may be present. Framing color may vary from panel.
- **Hard Maple:** Standard grade doors and front frames – panels are matched for color. Minor shade variations are acceptable. Mineral, pin knots and curly grain may be present. Framing color may vary from panel, but is similar. Heartwood may appear in profiled areas. Premium grade is available, upcharge applies.
*Cherry and Red Oak doors are also available in Standard and Premium grade, upcharges apply.
- **Soft Maple:** Standard grade doors and front frames – panels are matched for color. Minor shade variations with light gray and blue are acceptable. Mineral and pin knots may be present. Framing color may vary from panel, but is similar. Heartwood may appear in profiled areas. Not available in Premium grade.

Specie and Grade Characteristics (Doors, Drawer Fronts and Front Frames)

Why Have Different Grades?

Conestoga has developed different grades of material to utilize our natural resources to the fullest. These distinct material grades have been established, allowing you to choose the best alternative for a particular job or finish.

Premium Grade

Conestoga's Premium grade has been developed for those jobs where a more uniform look is needed. This grade contains less of the natural material characteristics and is produced within a more uniform color range.

Premium orders will be matched to obtain a look that is as uniform as possible. However, since each board is different, there may be slight differences in appearance and color between pieces. Premium products will contain fewer and smaller mineral streaks and pin knots than "Standard" grade. A Premium grade order will give you a job that is consistent throughout for color and material characteristics.

In Heartwood species, such as Cherry or Red Oak, no sapwood will be seen on the front of the door; in Sapwood species, such as Hard Maple, no heartwood will be seen on the front of the door.

Conestoga recommends Premium grade for natural and light tinted finishes.

Hickory is an exception to our normal Premium grade guidelines in that the color variations and lack of uniformity are a characteristic of Hickory. A Premium grade of this specie will include a narrower range of variation and fewer natural characteristics, but will not be uniform in heartwood or sapwood color.

Specie and Grade Characteristics (continued)

Standard Grade

Conestoga's Standard grade has been developed to meet a wide variety of applications and will provide a very versatile product at a reasonable cost. Standard grade material allows for many of the natural characteristics of the wood to be present in the product while limiting or eliminating the most objectionable. This material grade allows Conestoga to utilize as much of the natural resource as possible while still producing a product that meets the needs of our customers.

Even though each board has its own unique color and grain, staves will be matched for a pleasing appearance. Colors will be blended within each door. Character marks such as pin knots and mineral streaks are limited in size.

In Heartwood species, such as Cherry or Red Oak, the amount of sapwood that is present on the face of a door is limited and will only be present in the profiled areas. Sapwood species, such as Hard Maple, limit heartwood to the machined areas.

Conestoga utilizes steamed Walnut. The steaming process turns light colored sap to grey. Conestoga's Standard grade Walnut allows a mix of heartwood and grey sapwood throughout both the face and profiled areas of the product. This grade is recommended for medium and dark finishes on Walnut. If no sap is desired, order Premium grade Walnut which eliminates all sap from the face.

Standard grade works well with most finishes. Light tinted and clear finishes will accentuate the natural characteristics and color differences within the product. Two or more sample doors should be ordered and finished prior to ordering an entire kitchen.

Value Grade

Conestoga's Value grade material has been developed as an alternative price point product for medium and darker finishes and is only available in Cherry or Red Oak. This grade improves utilization of natural resources by allowing more color variation and other natural characteristics than our Standard grade.

While each board has its own individual appearance in color and grain pattern, staves will be moderately matched for color. Sapwood may be present on the face. Character marks such as pin knots and mineral streaks, although limited in size and amount, will be more prevalent and numerous than in Standard grade.

This grade works very well with most medium to dark finishes. Light tinted and natural finishes will accentuate the natural color differences within the product. Two or more sample doors should be ordered and finished prior to ordering an entire kitchen.

Paint Grade Hard Maple

Conestoga's Paint Grade Hard Maple was developed specifically for those customers that prefer to use only Hard Maple components for paint applications. This grade will allow natural color range of Hard Maple including stain heartwood and mineral. Products made from this grade will not be matched for color, with heartwood and sapwood present in varying amounts. Knots, wormholes and other defects that would cause voids are limited, providing a smooth paintable surface. This grade is intended for painting only and is also available with an MDF panel option.

Other Grade Options

Conestoga offers a variety of other wood grades including Rustic Knotty Cherry, Rustic Knotty Hard Maple and Rustic Knotty Red Oak as well as Paint Grade Hard Maple and Quarter Sawn Red Oak. For painted kitchens Conestoga recommends Paint Grade Hard Maple Hybrid, or 1-piece and 5-piece MDF products. See Specifications, Section 3 in the Custom Product Manual for details about these offerings.