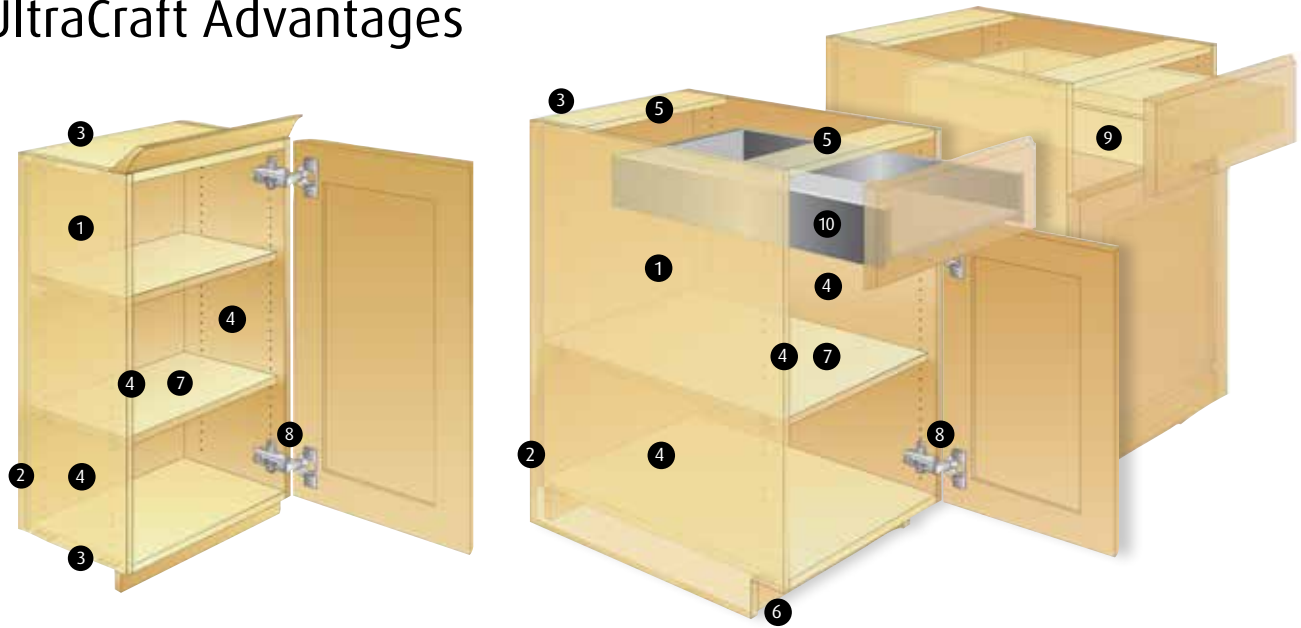


ultracraft®

PERFORMANCE
CONSTRUCTION



UltraCraft Advantages



PERFORMANCE CONSTRUCTION

ARCHITECTURAL SPECIFICATIONS

- Cabinet box** is manufactured with 5/8"-thick, environmentally-friendly, EPP-certified Engineered Furniture Core or All-Plywood panels; dowel-and-glue joinery.
- Back panel** is 5/8"-thick, fully-captured, machine-fitted and provides structural integrity and options for installation screws.
- Top, bottom and sides** are flush for easier installation, easier application of footed mouldings and light rails, and a furniture-like appearance.
- Finish** for Top, bottom and sides – inside and out – are White, Grey or Neutral Woodgrain moisture-resistant melamine. Exposed edges (except inside edges of top stretchers) are edgebanded. Maximum coverage protects against moisture.

Finished Ends, Finished Interiors and Panels are color-coordinated with the door finish. Front edges have matching wood or coordinating PVC edgebanding.
- Full-width stretchers**, front and rear, provide solid support and a mounting surface for countertops.
- Toe-space blocking**, front and rear, for stability.
- Shelves** are 3/4"-thick, full-depth, edgebanded, adjustable, and supported with metal shelf clips.
- Hinges** are Blum durable steel, fully-concealed, clip-on/off, self-closing, 110°, 6-way-adjustable (for precision door alignment), with a lifetime manufacturer's warranty and soft-close operation.
- Wood Dovetail Drawers and Pull-outs with Soft Close**
The drawer box has 5/8"-thick, solid wood on all four sides, dovetail joinery at each corner, and 1/4"-thick, fully-captured bottom, all in natural-finish Birch (standard) or Walnut (upgrade). Soft Close glides allow smooth and silent closing. Glides are a full-extension, tandem, undermount system with a 100-lb. static/90-lb. dynamic-load-rating. Glides have a manufacturer's lifetime warranty.

Wood Dovetail Drawers are standard on cabinets with all door styles except UltraLux.
- Metal Drawers and Pull-outs with Soft Close**
Blum Legrabox. Sides are fingerprint-less metal with a stainless steel look. Bottom and back are 5/8"-thick grey melamine. Soft Close glides are a built-in, full-extension, undermount system with 125-lb. static/110-lb. dynamic-load-rating. Glides have a lifetime warranty from Blum.

Metal Drawers are standard on cabinets with UltraLux door styles and available as an upgrade with all other door styles.

Touch-To-Open
An upgrade to the Metal Drawer. Open the drawer by pressing on the drawer front; eliminate the need for decorative hardware.

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CABINET CONSTRUCTION

Cabinet Materials

General

- True frameless method of construction: full-overlay doors, fully-concealed hinges, no face frame, and vertical borings at 32mm increments. Reveals around all doors and drawers is 3/32" (2mm)
- Cabinet materials are:
 - Engineered Furniture Core – 5/8" thick (3/4" thick on shelves) M2 Particleboard (also known as Engineered Furniture Core because it is specially designed to be used for furniture and cabinetry). M2 Particle Board is Industrial Grade, with an approximate density of 45 lbs/cubic foot. Our Engineered Furniture Core has dense outer cores resulting in increased screw holding strength and is laminated on both sides with thermoset melamine; certified as Environmentally Preferred Panels (EPP) by the Composite Wood Council.
 - Plywood – 5/8"-thick furniture-grade plywood laminated on both sides with thermoset melamine. We use a composite core MDO (medium density overlay) plywood, which consists of multiple inner plies of a hardwood core and 2 exterior plies of composite material. This combination of composite material and veneer core provides a smoother, improved surface which is ideal for finishing on applications like furniture and cabinetry. Available at a 12% upcharge on Wood, and a 15% upcharge on Thermofoil, UltraLux, and Melamine door styles.
- All cabinet connections (except backs) are wooden dowels and glue. Backs are rabbit-and-groove, glued and pin-nailed.
- Shelves are edgebanded on the front, full-depth and adjustable, with steel shelf pegs unless otherwise noted. Shelves are 3/4" thick.
- Vertical stretchers are doweled to the front and back of the bottom of Base and Vanity cabinets. The front stretcher is set back 1mm from the toe kick notch and 1/4" off the floor. The back stretcher is set back 18mm (3/4") from the back cabinet edge and 1/4" off the floor.
- Horizontal stretchers are doweled to the front and back of Base and Vanity cabinets. The front stretcher is set flush with the face and top edge of the end panels. The back stretcher is set flush with the top of the end panels and captures the back. On Sink Bases, the front stretcher is placed vertically to allow for sink installations.
- Cabinets 42" and wider (except cabinets with doors prepared for glass and sink base cabinets) and all 24" deep cabinets 39" and wider, have a

center support stile. Center support stiles are 1" x 1 1/4" (1 1/4" x 2 1/2" in blind base cabinets).

Cabinets with Wood door styles have center stiles in coordinated wood veneer. Cabinets with Thermofoil, UltraLux, Metal, Melamine and Eurotek door styles have center stiles in white, grey or neutral woodgrain melamine.

- Load-bearing floors and shelves meet industry standards of 15 lbs. per square foot. Warranty does not cover overloading beyond this weight.

Cabinet Interiors and Exteriors

- See Program Summaries in Wood, Thermofoil, UltraLux, Metal, Melamine and Eurotek sections.
- Standard cabinet case is finished in white, grey or neutral woodgrain melamine.
- Coordinated finished backs are not available, use optional paneling.
- Finished Exterior Ends are available for exposed ends only and must be specified.
- Finished Interiors are an available option and must be specified. Finished Interiors are available only in finishes coordinated to the cabinet exterior.

Edgebanding

Cabinets feature matte PVC edgebanding. The top, bottom and back of each cabinet and the front and back of each shelf are edgebanded in neutral woodgrain, white or grey PVC. The face exposed edges of all cabinets are edgebanded in coordinated PVC edgebanding.

Edgebanding exceptions: Cabinets with exposed wood veneer interiors feature coordinated wood veneer edgebanding. Cabinets with Acrilux II door styles feature aluminum silver edgebanding on the front of the cabinet and the front and back of exposed cabinet shelving. The hidden inside edges of top stretchers are not edgebanded.

Fillers

All fillers may be scribed to accommodate exact openings. Fillers are shipped unassembled. All overlay fillers are designed to be applied flush with face of cabinet doors. They are profiled to door height. Sub-fillers are applied flush with cabinet front. In order for Overlay Fillers to lie on the same plane as the doors, door bumpers should be installed between the Overlay Filler and Subfiller.

Heat Shields for Thermofoil Door Styles

Properly-installed heat shields required or warranty is void. One set of white heat shields are shipped with every Thermofoil sink base ordered. Black, Almond or Stainless Steel heat shields are also available.

Toe Kick Cover

Toe kick cover material is not included and must be ordered as an accessory.

Toe Kick Platform

All Tall cabinets are shipped with an unattached Toe Kick Platform. Toe Kick Platforms are undersized to provide a recessed end.

Hinges

Standard hinges are soft close, fully-concealed, 110°, clip-on, steel, soft-closing, spring-loaded and can be individually adjusted six ways (at least 2mm each direction) to ensure accurate door alignment. See page 1.10. Doors automatically close when within 10° of the cabinet. Optional free-swinging hinges are used on most cabinets with touch latches. Certain corner wall and base cabinets use a 170° hinge. Optional soft-close pistons are available to clip onto alternative hinges. Hinges carry a lifetime manufacturer's warranty.

Drawers & Pull-outs

Drawers are available in Wood Dovetail or Metal Drawer systems. Whichever system is selected must be used on the entire cabinet order; mixing drawer systems is not allowed. Drawer glide systems carry a lifetime manufacturer's warranty.

Wood Dovetail Drawer with Soft Close is standard on cabinets with all door styles except UltraLux, which comes standard with Metal Drawer with Soft Close. The Wood Dovetail drawer box has 5/8" thick, solid wood on all four sides, dovetail joinery at each corner and a 1/4" thick, fully-captured bottom, in Birch (standard) or Walnut (upgrade) in a Natural finish. Soft Close glides allow smooth and silent closing. Glides are a full-extension, tandem undermount system with 100 lb. static/90 lb. dynamic-load-rating. Soft Close glides are available on cabinets 12", 15", 18", 21" and 24" deep.

Drawer fronts are secured to the Wood Dovetail Drawer box with either two adjustable screws or metal fittings between the drawer front and drawer box. Decorative hardware screws further secure the drawer front to the box. If no hardware is used, fixing screws must be used.

Wood Dovetail Pull-out with Soft Close is standard on cabinets with Wood Dovetail Drawers when pull-outs have been selected. The Wood Dovetail pull-out box has 5/8" thick, solid wood on all four sides, dovetail joinery at each corner and a 1/4" thick, fully-captured bottom, all in Birch (standard) or Walnut (upgrade) in a Natural finish. Soft Close glides are a full-extension, tandem undermount system with 100 lb. static/90 lb. dynamic-load-rating. Soft Close glides are available on cabinets 12", 15", 18", 21" and 24" deep.

Metal Drawer Systems

Metal Drawer with Soft Close is standard on cabinets with UltraLux door styles. It is an upgrade for cabinets with all other door styles.

Metal Drawer with Soft Close and Touch-To-Open is an upgrade for cabinets with any door style. Touch-To-Open allows you to open the drawer by pressing on the drawer front, eliminating the need for decorative hardware.

The box for both is the Blum Legrabox. Sides are fingerprintless metal with stainless steel look. Bottom and back are 5/8"-thick grey melamine. Soft Close glides are a built-in, full-extension, undermount system with 125 lb. Static / 110 lb. Dynamic load rating. Soft Close glides are available on cabinets 15", 18", 21" and 24" deep. Metal Drawer is not available on cabinets with drawers 14¹⁵/₁₆" high and taller, and less than 21" deep.

Metal Pull-out with Soft Close is standard on cabinets with Metal Drawers when pull-outs have been selected. The pull-out box is the Blum Legrabox. Sides and front are fingerprintless metal with stainless steel look. Bottom and back are 5/8"-thick grey melamine. Soft Close glides are a built-in, full-extension, undermount system with 125 lb. static/110 lb. dynamic-load-rating. Soft Close glides are available on cabinets 15", 18", 21" and 24" deep. Metal Pull-outs are not available with Touch-To-Open.

Drawer fronts for all top drawers are 6¹/₈" high unless otherwise noted.

Doors and Drawer Fronts

Door styles are available in Eurotek, Melamine, Thermofoil, Wood, Aluminum and UltraLux in thousands of color and finish combinations. Doors and drawer fronts are not grain-matched, book-matched, or bank-matched. Grain patterns may or may not align.

Eurotek – All door, drawer front, and accessory parts are finished with the exclusive, and cost-effective, Eurotek Veneer with a color-fast and durable finish.

Eurotek Veneer is laminated onto a MDF core which eliminates expansion and contraction variances normally associated with solid wood. Eurotek Veneer also provides a consistent appearance which enhances overall beauty and splendor.

Melamine – A melamine resin is pressure- and heat-fused through a layer of color into 5/8"-thick, industrial-grade, engineered furniture core. Melamine doors and drawer fronts are dimensionally stable, moisture resistant, and do not promote the growth of bacteria.

Melamine should be cleaned using a soft cloth (not paper towels) and a mild, non-abrasive cleanser and dried immediately.

Thermofoil – Rigid thermofoil (RTF) doors are rigid vinyl heat-and-vacuum applied over a sculpted, 3/4"-thick, medium-density fiberboard (MDF) core. Thermofoils may delaminate if exposed to heat generated from ovens or other countertop appliances. Factory-supplied Heat Shields must be properly installed flush to the face edge of the door on cabinets adjacent to ovens. Countertop appliances such as toaster ovens and coffee makers should be pulled forward on the countertop out from under the cabinetry before use. Radiant warming lamps adjacent to cabinetry should only be used with adequate ventilation. Damage caused by excessive heat is not covered by warranty.

Thermofoil should be cleaned using a soft cloth (not paper towels) and a mild, non-abrasive cleanser and dried immediately.

Wood – Wood doors are 3/4"-thick and available in Oak, Maple, Cherry, Rustic Cherry, Red Birch, Alder, Rustic Alder, Walnut, and Quartersawn White Oak. Backs of Wood doors are stained or painted to match the fronts but do not receive any of the following specialty finish treatments: Aged, Rubbed, Worn, Vintage, Heritage, Linen or Glazed. Doors are manufactured of solid wood or veneers or a combination of both. Painted Wood doors (without

distressing packages) are constructed with MDF center panels to reduce panel movement and ensure a smooth, even surface. The Slab door, when painted, is also constructed entirely of MDF. Wood doors are manufactured using panel and frame construction. Door frames are made using mortise-and-tenon or mitered joining methods. Mitered doors are not recommended in areas of high humidity where climate controls are not always in use.

As with wood furniture, Wood doors should be cleaned using a soft cloth (not paper towels) and a mild, non-abrasive cleanser and dried immediately.

Aluminum – Commercial aluminum in Natural Aluminum, Brushed Stainless, Gold, Graphite or Onyx finishes.

Aluminum doors should be cleaned using a soft cloth (not paper towels) and a mild, non-abrasive cleanser and dried immediately.

UltraLux – Constructed by laminating a sheet of acrylic or polyethylene terephthalate (PET) – all thermoplastic materials – to an MDF substrate.

Gloss acrylic and PET products are susceptible to scratching and should be cleaned according to the Care and Cleaning Guide.

Natural Wood Wood Characteristics

All solid wood species are products of nature in which naturally-occurring variations in color, grain, pattern, textures and density are unique and beautiful. Solid wood expands and contracts with fluctuations in temperature and humidity.

Natural variances are accommodated by constructing doors with strips of wood glued together, using stiles and rails to form a frame and letting a center panel float within the frame, or using wood veneers. Wood veneers are naturally beautiful, real wood, and have a more uniform appearance than solid wood without the expansion and contraction variances.

All woods will change in color due to exposure to sunlight and natural mellowing with age. Color changes are not noticeable from day to day but may be significant over a long period of time. This natural process can cause noticeable differences between product samples and finished cabinets especially on Cherry wood products. Exact color match with replacement parts is not guaranteed. Variations, within company standards, between samples and the cabinets received will not be reason for replacement.

Wood Species

Oak – Light tan to brown heartwood, creamy white to grey sapwood. Very hard, dense, and heavy wood. Moderately open grain takes finish well. Oak is more resistant to effects of the environment.

Alder – A moderately light and slightly soft hardwood with color varying from white and light tan to pale, pinkish brown.

Rustic Alder – All the beauty of Alder with natural tight knots, pitch pockets, and character marks.

Maple – Creamy white to off-white sapwood, tinged occasionally with slight red-brown heartwood. Very hard, heavy, and strong. Closed grain with uniform texture takes finish well. Maple is very resistant to abrasive wear.

Cherry – Red to deep reddish-brown heartwood, white to yellowish sapwood. Medium density and weight. Moderately hard, stiff, and strong. Fine closed grain. Takes a finish well, but light to natural finishes are recommended. Beautiful markings. Red color will darken to a rich, reddish-brown with age.

Rustic Cherry – All the characteristics of cherry but with even more natural beauty. Tight knots, pitch pockets, and character marks.

Red Birch – Light reddish-brown to pink heartwood, creamy white to yellowish sapwood. Hard wood, medium weight. Uniform, fine grain with small pores. Takes finish very well. Very durable and strong.

Walnut – A dense, fine-grained hardwood prized for its noticeable variations in color, patterns, and high-contrast grain, ranging from very light to very dark chocolate brown. These variations are not considered defects. They are natural and random and may or may not appear on every product.

Quartersawn White Oak – A stable, open-grain wood, moderately hard, and medium to coarse in texture. It finishes well. The wood has been cut from the log at a "quartered" angle giving it a dramatic pattern. Heartwood can vary in color from light tan, or pale yellow brown, to dark or pale brown, and can have a pinkish tint.

Wood Finishes

All wood products undergo a multi-step process to achieve a high-quality, fine-furniture finish. Wood doors can be finished with stains or paints. Certain door styles do not lend themselves to certain finishes or finishing techniques. See Wood Finish Program Summary for availability.

Sheen – Wood door styles are available in two sheens: Standard Sheen and Low Sheen. Low Sheen must be requested at the time of order except on Rubbed, Worn, Vintage, Aged and Heritage Finishes which are only available with Low Sheen, except Black paint which will have Standard Sheen.

Paint Finish – The wood is primed and painted with solid color paint. Due to the movement of the wood joints the paint may show some finish fracture at the joints. This is not considered a defect. All painted doors will have an MDF center panel to reduce expansion and shrinkage and eliminate stave line telegraphing.

Aged Finish – An Aged Finish is stained or painted wood, randomly dented with special tools to include stress cracks and sealed with a clear top coat. Aging is a hand-applied technique and will be slightly different on each product. Not available on veneer panel doors. Low Sheen only, except Black paint which will have Standard Sheen.

Rubbed Finish – The wood is painted, randomly sanded to reveal bare wood on edges and high points, and sealed with a clear top coat. Back of door is not Rubbed. Rubbed is available on Paints in Low Sheen only, except Black paint which will have Standard Sheen. Available in Glazes where applicable excluding Linen finishes.

Worn Finish – An innovative blend of rasping, stress cracks, worm holes, and dents, including smooth worn edges. Available in Stain finishes with Low Sheen only. Not available with veneer center panel doors.

Glazed Finish – A glazed finish begins with stained wood which may or may not be distressed or antiqued. A solid color glaze is applied and hand-rubbed away. The glaze collects and remains in crevices and corners of the door's profile. A glaze is not a stain and will not obscure the natural characteristics of the wood. Glazing is a hand-applied technique and will be slightly different on each product. Backs of doors are not glazed.

Vintage Finish – The wood is primed and painted with a solid-color paint, then treated with an innovative blend of light glazing, rasping, rub-off, worm holes, stress cracks, dents and smooth worn edges, then sealed with a clear top coat. Back of door is simply painted. Low Sheen only, except Black paint which will have Standard Sheen.

Heritage Finish – A combination of Rubbed and Aged finish details. Available on Paints and in Low Sheen only, except Black paint which will have Standard Sheen. Not available with veneer center panel doors.

Linen Finish – The wood is primed and painted with a solid-color paint, then lightly, hand-brushed with a Glaze creating a linear, brushed look. Backs of doors are painted without the brushed Linen finish. Hand brushed lines are artistic in effect and as such will not be exactly the same on every door.

Not all finishes are recommended on all door styles. We strongly recommend that a door sample be purchased before making your selection.

Awareness Form

Due to natural variations of and environmental effects on wood species and finishes, a signed "Awareness Form" must accompany all orders. Find all forms on the OneTouch dealer portal.

Decorative Hardware

Decorative hardware is required and not included. Care should be taken, to allow for clearance of adjacent cabinets, when using decorative hardware in corner applications.

In keeping with our practice of continuous product improvement and/or to maximize efficiencies, we may adjust specifications in design and materials as it deems necessary. Where differing materials are utilized, they will be of similar or better quality in keeping with our commitment to quality.



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UltraCraft Advantages

- Hundreds of doors in every popular material, finish and style from traditional to ultra-modern
- Soft Close Drawers and Doors
- First class Wood Dovetail and Metal Drawer systems
- Free, custom size modifications for most cabinets; ask your designer for details
- Designer colors and modern Low Sheen finish at no upcharge
- Custom paint colors
- Popular paint, glaze, linen and distressed finishes at low upcharges
- All-Plywood or Engineered Furniture Core construction
- Full Access construction means more storage, easy-to-clean, and precise alignment
- Full-depth, adjustable shelves
- Made in America from domestically- and globally-sourced components
- 100-year Limited Warranty

Front Cover – South Beach door style in Pure White and Linear Silver UltraLux.

Back Cover – Andover door style in Maple with Arctic White Paint and Brown Linen Glaze; Designer: Samina Datta, Reico Kitchen & Bath; Photo: BTW Images, LLC.

Printed images should not be used for color matching.

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