

Our Import Cabinet Line Manufacturing Process:

Each cabinet box starts with raw material that is made of engineered plywood sheets for the boxes and maple wood slabs for the doors and face frame. This engineered wood process reduces any expansion or warping of the box to maximize the longevity and proper function of the doors and drawers for many years of normal usage.

All plywood, frame, doors and drawers are machined shop-cut. All Sophisticated Concepts wood doors and drawer fronts are machine cut, carved and grooved. Most of our doors are a five-piece construction. We use two manufacturing door styles. That's "Mitered and Cope & Stick Cabinet Doors" both styles have been the standard in door making and wood kitchen manufacturing.

Mitered Doors:

This is a 5 piece solid maple door, made of 4 stiles and the center panel. This door uses the same cope and stick system, but the ends of the four corners of each stile frame is put together at a 45 degree angle.

Cope & Stick Doors:

This is a 5 piece solid maple door, made of 2 stiles, 2 rails and the center panel. This door uses a machining method called cope and stick to bond all pieces together. This is a popular door manufacturing method because of the style of doors that are used like shaker doors and other similar styles.

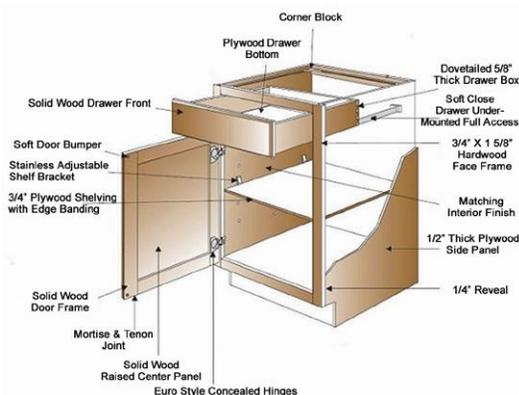
Our Painting and Staining Process:

Once our doors and frames are manufactured, they go through our prepping stages.

1. Hand sanded and vacuumed to eliminate all dust particles in preparation for staining or priming for painting.
2. A primer is sprayed or a stain is applied.
3. For paint we spray a primer to help bond a lacquer based paint. The primer is sprayed with an airless paint gun. This creates a quality-even spray of primer. Once the primer is dry we will hand-sand the doors and vacuum them again to blow off and eliminate all dust created by the primer.
4. The doors are ready for the first coat of paint. This paint is sprayed by hand and is applied by an airless spray gun. The airless gun gives you a consistent pressured fan that allows us to create an even quality finish to the door, unlike an air paint gun that shoot the paint more uneven and inconsistent.
5. If we stain the cabinets we also spray the stain color lightly first, to balance the base color of the wood and establish a more consistent color uniformity. We let that dry, and the next step is a deep penetrating stain is hand-rubbed to reveal the hidden beauty of the grain.
6. For paint, after doors dry we then will apply one more light sand to the doors and frames. We vacuum clean them again and apply one more light coat of paint.
7. Next step is to spray a clear coat over paint or stain that acts like a sealer that is dried and oven-cured.
8. Doors and drawer fronts that have a special finish decorative outline are then air-dried before receiving distressing or glazing for some specialty finishes, receive a small clear coat over the glazing. The glazing has to happen after the first coat of clear or it will stain the first layer of paint or stain and clear allows the glazer to work the glaze.
9. Finished doors and drawer fronts are then staged for packaging and line up to meet up with cabinet components.

Our Packaging Process:

With finish wood components completed, we start adding all the needed parts to complete each cabinet box and package it for delivery. Each box gets packaged with the item listed on the diagram bellow. All items are important for the building of the box. We do not import pre-assembled boxes. This allows us to balance and build them like custom cabinets, using glue and finish nails unlike the pre-made boxes sold in most Home Improvement stores. All of our cabinets come with euro style concealed soft close hinges. Our cabinets also come with soft-close under-mounted full access rails that are made to support up to 90 pounds per drawer. The packaging consists mostly of cardboard, plastic strapping, thin foam sheeting and placed on wooden pallets for shipping to our warehouse in California.



Cabinet Box Assembly:

Each client's order is different and all cabinets are built as ordered. Once you have designed your cabinets with the designer, it turns into a pick up form. All cabinets, fillers, toe kick, skins, crown and any or all other parts that will be needed to start and finish a project gets pulled from the warehouse.

All boxes built start with the face frame and bead fast drying specialized wood glue that we add to the frame grooves.

Then we place cabinet sides onto the front frame by lining the splines in the side panels with the groove in the front edge of the cabinet side. We tap the cabinet side into the face frame until the side is firmly seated against the face frame. In every step we make sure that we have no gaps and continuously check that all four sides are even from top to bottom. We put a level to each box and make sure the box is level. If final adjustments need to be made, we adjust before we add the final finish nails to the edges of the box.

Once the box gets assembled we inspect all boxes and make sure none are damaged during assembly. After inspection we package the finished boxes and deliver them to the home for installation.