

# *Breathe Easy Cabinetry – Eco Collection*

## **MATERIAL SPECIFICATIONS**

**Cabinet Top, Bottom, and Unexposed Ends** - 3/4" Birch no formaldehyde added plywood, from Columbia Forest Products.

**Back** – 1/4" Birch no formaldehyde added plywood with 1/2" thick no formaldehyde added plywood hanging strips attached to back at top & bottom.

**Interior** – Natural birch veneer on no formaldehyde added birch plywood.

**Exposed Ends** – 3/4" no formaldehyde added plywood, matching door species on exterior.

**Box Edges** – Matching wood veneer edge banding.

**Wall & Base Cabinets** - Drilled to receive metal shelf clips for adjustability.

**Wall Shelves** – 3/4" edge banded no formaldehyde added Birch plywood 10 3/4" deep.

**Base Shelves** – 3/4" edge banded no formaldehyde added Birch plywood 15 1/2" deep.

**Full Door Base Cabinet Shelves** – 3/4" edge banded no formaldehyde added Birch plywood 22 3/4" deep.

**Drawer Boxes** - Dovetailed 5/8" thick solid maple front, back, and sides. Bottoms are 1/4" no formaldehyde added plywood.

**Toe kick** – 3/4" no formaldehyde added plywood unfinished.(order 1/4" finished no formaldehyde added plywood toe kick cover in moulding section.)

**Drawer Slides** - Blum Tandem Plus, full extension, under mount glides. 75 lb. Dynamic, 100 lb. Static weight capacities.

*Upgrade:* Blum Motion self closing glides available - \$32. list per drawer (x other accessory multiplier)

**Hinges** - Blum self closing concealed hinges.

*Upgrade:* Soft close available - \$ 20. list per door. (x other accessory multiplier)

## **CONSTRUCTION SPECIFICATIONS**

Tops and bottoms are joined to cabinet ends using hardwood dowels glued with water base glue. Backs are dadoed into tops, bottoms, and ends, and are glued, pinned, and hot melt glued. Edge banding on face of cabinet matches the wood species of doors.

### **Reveal**

1/8" reveal on all sides.

### **Finish**

Water base stains, paints & clear coat with low VOCs by Becker Acroma

Stain: 115 grams per liter VOCs

Paint: 84 grams per liter VOCs

Top Coat: 104 grams per liter VOCs

Flat Sheen is standard ( approximately 20)

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## **WOOD & FINISH CHARACTERISTICS**

**GENERAL:** *Breathe Easy Cabinetry – Eco Collection* uses only the finest water based finishing products in its cabinetry. It is important to realize the beauty of finished wood allows the natural qualities of the wood to show through the stain. Each wood species has its own distinct color. This color will vary from pink, red, white, green, yellow, or black, and is caused by minerals and acids in the soil where the tree was planted. The appearance of natural finished and light stained woods is constantly changing from the effects of light and humidity. Variations in grain and color with these finishes is not a reason for replacement. All wood darkens with age and new cabinetry may appear somewhat lighter than older samples, a display, or color blocks.

**\*STAIN FINISHES:** *Breathe Easy Cabinetry – Eco Collection* employs a seven step staining process in its cabinetry. These steps include machine sanding, hand sanding, cleaning, hand wiping of stain, water based sealer coat, hand sanding again, and application of a water based top coat. Standard sheen is flat sheen (20).

**\* PAINT FINISHES:** *Breathe Easy Cabinetry – Eco Collection* employs a six step paint process. These steps include machine sanding, hand sanding, cleaning, application of a water based primer, hand sanding again, and application of a water based paint top coat. Standard sheen is flat sheen (20). By nature, all wood expands and contracts with the changes in temperature and humidity. When this occurs, hairline cracks may develop in the joints of cabinetry. These cracks will not affect the durability of the paint system and are considered acceptable.

**RED OAK:** A hardwood with a strong grain pattern. This pattern will range from tight knit to open blaze that may form a pointed design known in the trade as the "flame of the oak." Occasional dark pieces of wood or streaks known as "mineral" are common in furniture quality oak. Oak's open grain enhances the stain and brings out the beauty of the wood.

**MAPLE:** A hardwood with a tight grain pattern. Maple may have quilting or burl marks as a result of undeveloped twigs before milling.

**CHERRY:** A hardwood with a noticeable grain pattern. Cherry has gum streaks and bird pecks or pinholes which are not filled in. It may range in color from a vanilla to a deep pink. Cherry darkens when exposed to any kind of light, especially for the first few years after production. This darkening effect will not be even and will be more noticeable in lighter stains. Newly manufactured cherry cabinets will not be the same color as aged cabinets, samples, or color blocks.