

# Inset Framed Cabinet

## SPECIFICATIONS

### CERTIFIED MATERIAL SPECIFICATIONS

- All veneer core plywood, industrial grade particleboard and MDF are CARB-certified (California Air Resource Board) and EPP-certified (Environmentally Preferable Product). Certification is from the Composite Panel Association (CPA). Hardwood plywood, particleboard and MDF meet CPA EPPS 002-06 standards. Hardwood plywood panels meet ANSI/HPVA HP-1 and adhere to the Sustainable Forestry Initiative (SFI). Panels are certified to the CARB ATCM 93120 Phase 2 emission limit.

### CABINET BOX CONSTRUCTION

- Sides, tops and bottoms are 1/2" stock. Shelves are 3/4". Back is inset into cabinet 3/8" and has a plywood strip attached to exterior for wall attachment. Sides are drilled with 5mm holes on 32mm centers for shelf pegs. Cabinets 27-36" wide have butt doors. Components are assembled using Schroll's INTERLOCKING DADO BOX CONSTRUCTION™. Cabinet sides, backs, bottoms and frames are dadoed and rabbeted to interlock with adjoining components. Interlocking components are bonded together using wood glue, polyamide adhesive and fasteners where appropriate. Shelf fronts are banded with 1mm PVC impact resistant bumper edging. Base shelves are full depth. Base cabinets have 3/4" solid wood corner blocks.

### CABINET INTERIOR OPTIONS

- Thermally-fused Melamine Maple Interior (TMMI™): Components are made from thermally-fused melamine panels (low pressure laminate) with a natural maple print. Backs are 3/8" particleboard core overlaid on cabinet interior with cold rolled matching maple grain melamine paper. Thermally-

fused melamine is a melamine saturated paper that is thermally bonded under heat and pressure to the particleboard substrate. Properties are similar to high pressure laminates. Thermally-fused melamine panels provide affordability and superior resistance to surface wear, common household chemicals, water and staining.

- Maple Hardwood Plywood Interior (MHPI™): Components are made from 7-ply fir veneer core with hardwood maple veneer face and pre-finished with a clear medium-gloss UV top coat. Backs, shelves and flush ends will have a MDF core substrate.

### FACE FRAME OPTIONS

- Frames are constructed with select 3/4" kiln dried hardwood. Stile and rails are assembled using a hidden rounded tenon and matching mortise. Joints are glued and pinned. Stiles have a 3/8" field trimmable scribe.
- **Beaded Inside Edge:** Cabinet frames include a mitered 1/4" beaded profile on all inside frame edges.
- **Radius Inside Edge:** Cabinet frames include a mitered 1/16" radius on all inside frame edges.

### DOOR AND DRAWER FRONTS

- Door and drawer fronts are hand fit to frame opening and are inset to be flush to the face frame. Door and drawer fronts are constructed with select 3/4" kiln dried hardwood and/or select hardwood veneers.
- Maple Blend substitutes door, drawer panels, and some cabinet components with MDF substrate for a superior painted surface.

### DRAWER BOX OPTIONS

- **Dovetailed Drawer:** 5/8" birch hardwood assembled with dovetailed joints. Drawer bottoms are 1/4" MDF core matching hardwood veneer glued and encased into dadoed sides and backs. Boxes are finished with a clear catalyzed conversion varnish.
- **Doweled Drawer:** 5/8" MDF core with TMMI™ overlaid both sides. Top edge banded with .5mm PVC banding. Assembled with hardwood dowels. Bottoms are 1/4" MDF core with matching melamine face, glued and encased into dadoed sides and backs.

### DRAWER SLIDE OPTIONS

- Premium Grade Standard Duty. Grass® Dynapro Full Extension slide with Integrated Soft-Close. Slide features a full extension synchronized mechanism. Easy to open with low pull-out force. Slides are fully concealed with easy drawer box removal. Superior stability for drawers up to 42" wide. Dynamic load rating 88lbs (40kg).
- Premium Grade Heavy Duty Grass® Dynapro Full Extension Heavy Duty slide with Integrated Soft-Close. Slide features a heavy duty build with a full extension synchronized mechanism. Easy to open with low pull-out force. Slides are fully concealed with easy drawer box removal. Superior stability for drawers up to 48" wide. Dynamic load rating 132lbs (60kg).

### ROLL-OUT SLIDE

- Premium Grade Standard Duty. Grass® Dynapro Full Extension slide with Integrated Soft-Close. Slide features a full extension synchronized mechanism. Easy to open with low pull-out force. Slides are fully concealed with easy drawer box removal. Superior stability for drawers up to 42" wide. Dynamic load rating 88lbs (40kg).

### HINGE OPTIONS

- **Hafele®:** Full inset, full wrap, exposed, ball tip hinge. Available in multiple finishes. Doors are free swinging and come standard with soft-close, concealed magnetic catch.
- **Grass®:** Nexis 125 European-type arm hinge and inset frame mounting plate. Easy snap-on snap-off hinge from plate. Three dimensional adjustability with 120° opening. Fully concealed with Nexus soft close adapter.

### FINISH

- All stained and finished woods have a high quality hand-wiped stain coated with high solids conversion sealer and conversion varnish top coats.

