KEMPER®
DISTINCTIVE CABINETRY

TARO

HIGH GLOSS LAMINATE

- Full overlay, ¾" thick slab doors and drawer fronts
- Edgebanded with two color options; Matching White or Metallic (shown below)
- Face side is White High Gloss; back side is White Melamine
- White High Gloss Laminate thickness is .3 mm (13 mils)
- MDF core to ensure a consistent and stable product
- Only doors, drawer fronts, and premium trim items ending in "P" will have White High Gloss
- Cabinet face frame and all trim pieces that are not premium will be White paint

CONSTRUCTION OPTIONS AND END PANEL MODIFICATIONS

- Choice; end panel exterior and interior will be White Laminate
- PE (without FB): end panel exterior will be unfinished plywood; cabinet interior will be White Laminate
- APC (without FB): end panel exterior will be unfinished plywood; cabinet interior will be natural clear coated hardwood
  - White Laminate Cabinet Interior (WLI) available with APC upgrade
- FB or FPEB end panel modifications: ends will be White paint
- MIP modification: both the exterior and interior will be White paint
- AUTH L/R: White painted FBEB panel with applied White High Gloss doors

OTHER CABINET END SOLUTIONS

- White painted panels with Taro White High Gloss doors
  - Decorative Door Panels: WED.., BED.., and TED...
  - Authentic Panels with Fillers: WEP..F..AE (L/R), BEP..F..AE (L/R), and TEP..F..AE (L/R)

PREMIUM WHITE HIGH GLOSS ¼" SKIN AND ¾" PANEL OPTIONS

(Pay close attention to the Specie Availability Charts to determine availability)

- Skins: DAPNL1/4P, WEPS...P , BEPS34.5P, TEPS...P, and BP...P
  - White High Gloss only on the face of the panel; back of the panel will be raw
- Panels: DAPNL3/4P, WEP1230P, BEPP, and TEP...P
  - White High Gloss on face of the panel; back of the panel will be White Melamine
  - Edgebanding on all four edges and will match door and drawer front edgebanding selection (DAPNL3/4P)
  - Edgebanding on front edge and two sides and will match door and drawer front edgebanding selection (WEP1230P)
  - Edgebanding on front edge only and will match door and drawer front edgebanding selection (BEPP AND TEP...P)

PREMIUM WHITE HIGH GLOSS TRIM OPTIONS

- Overlay Fillers (OL3...P, OL6...P) have White High Gloss on face, back has White Melamine, and edgebanding matches doors
- Select Crown, Scribe and Toeboard have White High Gloss on face

TARO EDGEBANDING OPTIONS

White

White with Metallic

See page 7 for complete list of available premium trim items

TROXEL

TEXTURED HORIZONTAL WOOD GRAIN LAMINATE

- Full overlay, ¾" thick slab doors and drawer fronts with matching edgebanding
- Horizontal grain pattern
- Decorative polypropylene finish film with distinct visual appearance and tactile feel on the face and back of doors and drawer fronts
- Doors and overlay fillers greater than 48" high will be two pieces. Doors are doweled together at the factory (Overlay fillers and replacement doors will require field assembly)
- Laminate thickness is .12 mm (4.7 mils)
- MDF core to ensure a consistent and stable product
- Only doors, drawer fronts, premium panels starting with "14" or "34" and ending with "P", premium custom panels (DAPNL...HGP), and mouldings ending with "P" will have matching laminate
- Cabinet face frame and all trim pieces that are not premium are available in selected cabinet box color options (see page 14)

CONSTRUCTION OPTIONS AND END PANEL MODIFICATIONS

- Choice; end panel exterior and interior will be Natural Maple Laminate
- PE (without FB): end panel exterior will be unfinished plywood; cabinet interior will be Natural Maple Laminate.
- APC (without FB): end panel exterior will be unfinished plywood; cabinet interior will be natural clear coated hardwood.
- FB or FPEB end panel modifications: ends will be in selected cabinet box color
- MIP modification: both the exterior and interior will be in selected cabinet box color
- AUTH L/R: FPEB panel in selected cabinet box color with applied Troxel doors

OTHER CABINET END SOLUTIONS

- Selected cabinet box color panels with Troxel doors
  - Decorative Door Panels: WED.., BED.., and TED...
  - Authentic Panels with Fillers: WEP..F..AE (L/R), BEP..F..AE (L/R), and TEP..F..AE (L/R)

PREMIUM ¼" SKIN AND ¾" PANEL OPTIONS

(Pay close attention to the Species Availability Charts to determine availability)

- Skins: DAPNL1/4HGP and 14PANEL...P
  - Matching Laminate only on the face of the panel; back of the panel will be raw
- Panels: DAPNL3/4HGP and 34PANEL...P
  - Matching Laminate on both the face and back of the panel
  - Edgebanding on all four edges and will match door and drawer front edgebanding selection (DAPNL3/4HGP)
  - Edgebanding on 1 long and 1 short edge (34PANEL...P)
  - For applications requiring ¾" thick panels taller than 48", field assembly with dowels or biscuit joinery recommended for stacking panels

PREMIUM TRIM OPTIONS

- Overlay Fillers (OL3...P, OL6...P) have matching Laminate on face and back, and edgebanding matches doors
- Select Crown, Scribe and Toeboard have matching Laminate on face

See page 7 for complete list of available premium trim items

SHAFER

TEXTURED WOOD GRAIN PURESTYLE™

- Full overlay, textured wood grain laminate wrapped 3/4" MDF Door and Drawer Rails
- Decorative polypropylene finish film with distinct visual appearance and tactile feel on the face and back of doors and drawer fronts
- 5 Piece Drawer Front
- Recessed Center Panel
- MDF core to ensure a consistent and stable product
- Only doors, drawer fronts, and premium trim items ending in "P" will have matching laminate
- Cabinet face frame and all trim pieces that are not premium will be in selected cabinet box color

CONSTRUCTION OPTIONS AND END PANEL MODIFICATIONS

- Choice; end panel exterior and interior will be Natural Maple Laminate
- PE (without FB): end panel exterior will be unfinished plywood; cabinet interior will be Natural Maple Laminate
- APC (without FB): end panel exterior will be unfinished plywood; cabinet interior will be natural clear coated hardwood
- FB or FPEB end panel modifications: ends will be in selected cabinet box color
- MIP modification: both the exterior and interior will be in selected cabinet box color
- AUTH L/R: FPEB panel in selected cabinet box color with applied Shafer doors

OTHER CABINET END SOLUTIONS

- Selected cabinet box color panels with Shafer doors
  - Decorative Door Panels: WED.., BED.., and TED...
  - Authentic Panels with Fillers: WEP..F..AE (L/R), BEP..F..AE (L/R), and TEP..F..AE (L/R)

PREMIUM ¼" SKIN AND ¾" PANEL OPTIONS

(Pay close attention to the Specie Availability Charts to determine availability)

- Skins: DAPNL1/4P, WEPS...P , BEPS34.5P, TEPS...P, and BP...P
  - Matching Laminate only on the face of the panel; back of the panel will be raw
- Panels: DAPNL3/4P, WEP1230P, BEPP, and TEP...P
  - Matching Laminate on both the face and back of the panel
  - Edgebanding on all four edges and will match door and drawer front edgebanding selection (DAPNL3/4P)
  - Edgebanding on front edge and two sides (WEP1230P)
  - Edgebanding on front edge only (BEPP AND TEP...P)

PREMIUM TRIM OPTIONS

- Overlay Fillers (OL3...P, OL6...P) have matching Laminate on face and back with matching edgebanding
- Select Crown, Scribe and Toeboard have matching Laminate on face

See page 7 for complete list of available premium trim items

GENOVA

TEXTURED VERTICAL WOOD GRAIN LAMINATE

- Full overlay, ¾" thick slab doors and drawer fronts with matching edgebanding
- Vertical grain pattern
- Decorative polypropylene finish film with distinct visual appearance and tactile feel on the face and back of doors and drawer fronts
- Laminate thickness is .12 mm (4.7 mils)
- MDF core to ensure a consistent and stable product
- Only doors, drawer fronts, and premium trim items ending with "P" will have matching laminate
- Cabinet face frame and all trim pieces that are not premium will be in selected cabinet box color

CONSTRUCTION OPTIONS AND END PANEL MODIFICATIONS

- Choice; end panel exterior will follow selected box color laminate availability (Lambswool and Seal will have Natural Maple Laminate end panels, while Dover, Thatch, and White will have matching laminate end panels). Cabinet interior will be Natural Maple Laminate for all selected box colors except White, which features White Laminate interior.
- PE (without FB): end panel exterior will be unfinished plywood; cabinet interior will be Natural Maple Laminate for all selected box colors except White, which features White Laminate interior.
- APC (without FB): end panel exterior will be unfinished plywood; cabinet interior will be natural clear coated hardwood.
- FB or FPEB end panel modifications: ends will be in selected cabinet box color
- MIP modification: both the exterior and interior will be in selected cabinet box color
- AUTH L/R: FPEB panel in selected cabinet box color with applied Genova doors

OTHER CABINET END SOLUTIONS

- Selected cabinet box color panels with Genova doors
  - Decorative Door Panels: WED.., BED.., and TED...
  - Authentic Panels with Fillers: WEP..F..AE (L/R), BEP..F..AE (L/R), and TEP..F..AE (L/R)

PREMIUM ¼" SKIN AND ¾" PANEL OPTIONS

(Pay close attention to the Specie Availability Charts to determine availability)

- Skins: DAPNL1/4P, WEPS...P , BEPS34.5P, TEPS...P, and BP...P
  - Matching Laminate only on the face of the panel; back of the panel will be raw
- Panels: DAPNL3/4P, WEP1230P, BEPP, and TEP...P
  - Matching Laminate on both the face and back of the panel
  - Edgebanding on all four edges and will match door and drawer front edgebanding selection (DAPNL3/4P)
  - Edgebanding on front edge and two sides (WEP1230P)
  - Edgebanding on front edge only (BEPP AND TEP...P)

PREMIUM TRIM OPTIONS

- Overlay Fillers (OL3...P, OL6...P) have matching Laminate on face and back, and edgebanding matches doors
- Select Crown, Scribe and Toeboard have matching Laminate

See page 7 for complete list of available premium trim items

DESIGN OPTIONS Clean lines, simple uncomplicated design

MAINTAIN CLEAN LINES

- For design aesthetics and ease of installation, avoid installation tight to the ceiling
- For lower cabinets, use wider drawer bases or full height door cabinets
- For upper cabinets, use wall top-hinge or vertical lift cabinets

MIX MATERIALS

- Pair high gloss or more traditional opaques with complementary materials such as wood grains, wood grain laminates, etc. to soften the look or add texture

SEGMENT TALL PANELS

- Use top of base cabinet line or bottom of wall cabinets to divide the tall space
- Limit to 96” tall per segment

LIGHTING

- Use of “cool” lighting is recommended to highlight/accent the clean lines
  of the cabinetry

NO MOULDING REQUIRED

- Keep cabinet toplines uncomplicated
- Consider no top trim or use a filler for top trim and use at end of runs for doors to open beyond 90 degrees next to a wall
- Only doors, drawer fronts, and premium trim items ending in “P” will have matching Specialty Laminate
- For finished bottoms, use PFINBTMB modification with field applied standard or premium skin

FINISHING THE LOOK

- Cabinet face frame and all trim pieces that are not premium will match the cabinet box color, not Specialty Laminate
- Cabinet end panels will follow construction type and will not be Specialty Laminate
- If you’re looking for less of a contrast, try using premium trim items to coordinate design elements to match the doors and drawer fronts. See availability of trim items for each laminate type on page 7; use other design elements such as waterfall countertops or mixed materials to get the streamlined look

DESIGN OPTIONS (continued)

FINISHING COMPONENTS	OPTIONS & MATERIALS
Premium Overlay Fillers	Edgebanded on four edges Available in widths of 2 ½" and 5 ½" and multiple lengths
Light Rail	Recommend using a 2 ½" overlay filler (Arctic and Obsidian will be vertical grain in this application)
Toekick	Premium toeboard or standard painted toeboard
Large Panels/Peninsula Backs	Premium ¼" skins or ¾" panels
Finished End Options	Premium ¼" skins or ¾" panels Authentic ends and decorative door panel kits
Finished Cabinet Bottoms	Use PFINBTMB modification with field applied standard or premium skin
Appliance Panels	Use premium ¼" skins
Heat Shield	A heat shield is required to separate all laminate products from heat producing units to be in compliance with cabinet warranty (Stainless steel and white powder coated shields are available)
Embellishments	Use contemporary embellishments (metal feet, metal corbels/brackets, touchlatch, finger pulls, caster, aluminum frame doors)

AVAILABLE PREMIUM TRIM ITEMS			
Arctic, Elk, High Gloss White, Obsidian and Wharf		Elk, High Gloss White and Wharf	Arctic and Obsidian
OL3...P	LSHAKER10P	TEPS...P	14PANEL...P
VOL3...P	LSHAKER8P	WEPS...P	34PANEL..P
DOL...P	SM8P	BEPS34.5P	DAPNL..HGP
OL6...P	SM10P	BP...P	
VOL6...P	SSM8P	WEP...P	
DOL...P	SSM10P	BEPP	
DAPNL..P	TB8P14	TEP...P	
	ICM8P		
	OCM8P		

INSTALLING SPECIALTY LAMINATES

Laminate panels can be sawn, drilled or router cut. Be sure to use very sharp carbide tools and moderate feed rates. Ensure the peel coat is cut cleanly, and adjust the process so that there are no masking strands at the edge. Strands can be removed by lightly rubbing the edge with a medium abrasive cleaning pad.

SAW CUTTING

Saw cutting is the preferred method for cutting laminate panels and fillers

- Use very sharp carbide tipped blades with 3-5 teeth per cm
- Best results are achieved using a 300mm blade at a speed of 3200 rpm
- A score scribe blade will avoid chipping of the backing layer

ROUTERING

- Router cut using a feed rate of 10-15 meter/minute with a spindle speed of 18,000 rpm
- Solid carbide router cutters will deliver the best finish
- Position the laminate panel face down to avoid feathering of the masking film when using a standard straight single or twin flute cutter
- Twin flute compression cutters are ideal for through cuts; don't use up spiral bits; down spiral cutters are ideal for routing and dados

DRILLING

- Leave the peel coat on while drilling, and use a sharp bit
- Be sure to drill with high speed steel or carbide tipped drills
- Use slow to medium speeds to avoid overheating
- For best results, use drills with a tip angle of 110 to 130 degrees
- When installing decorative hardware:
  - Do not remove the peel coat until after the hardware is installed and the project is complete
  - Avoid over-tightening the hardware as some "ripple" effect may occur on the laminate surface

CARE AND CLEANING

SPECIALTY LAMINATE SURFACES

- Do not store panels outside or in direct sunlight
- Avoid sliding the panels on the outer surface
- Do not clean in direct sunlight
- For best results, use a damp, not wet, micro-fiber cloth with 5% mild soap, 95% water solution
- Dry thoroughly with a clean micro-fiber cloth
- Wipe up cooking splashes immediately
- Never use wax furniture polish or harsh household cleaners and abrasives, such as, bleach or chlorine based cleaners, multi-purpose cleaners, dilutes, acetone, solvent, paper towels, or similar products
- Never dry wipe a High Gloss surface
- High Gloss surfaces are more susceptible to show scratches than other finishes and special care is recommended. With appropriate care, it will provide years of trouble-free performance
- Leave protective peel coat in place until the project installation is complete

Many multi-purpose cleaning agents are unsuitable for use on these products. The use of aggressive chemicals can result in irreversible damage. Always check the active ingredients of your cleaners to be sure there are no potentially harmful chemicals. Do not use acetone, chloroform, benzene, ammonia, thinners, caustic soda, toluene, xylene, dichloromethane, amylacetate, glacial acetate acid, butyl alcohol, butyl acetate, cellusolve, cresols/henols, ethylacetate, chlorinated solvents, halogenated solvents, methyl alcohol, methyl ethyl ketone.

Manufacturer is not responsible for any damage done by abrasive cleaning products or procedures