

Features	Alterna	Millwork
Construction	<ul style="list-style-type: none"> Storage components ship fully assembled for quick and easy installation. Mechanical wood attachment fasteners with dowels and glue; no exposed fasteners. All cabinets feature inset back. Cabinets not intended to be freestanding; must be anchored to a wall. Chassis is TFL with .5mm edge banding. Interior same as exterior. Units are constructed of TFL with finished fronts and sides; backs are enclosed but unfinished. Storage units use 3/4" particleboard for all cabinet parts, including backs, tops and bottoms. All units feature a 4" recessed toe kick. Door and drawer fronts are 3/4" thick and consist of a 3-ply flakeboard core with TFL on both front and back. All sides are finished with 2mm edge banding. Cove molding is required to complete installation of base cabinets. 	<ul style="list-style-type: none"> Cabinets don't arrive at the job site ready to install. Assembly required which adds cost and hours to the installation. Inconsistent cabinet dimensions. Cabinets are not sealed with edgebanding and have exposed particleboard creating the potential for contamination.
Modularity	<ul style="list-style-type: none"> Cabinets and surfaces are designed and engineered so they can be reconfigured as needs change or for use in future installations. When uninstalling cabinetry for repurposing, cabinet construction remains intact and not damaged. Wall-hung and upper cabinets utilize Z-brackets for wall attachment which eliminates the need for wall blocking. Consists of numerous cabinet sizes and configurations for both standard and ADA height requirements. 	<ul style="list-style-type: none"> Repurposing millwork for another installation is extremely limited. Cabinets are typically built for one-time installations and can't be uninstalled effectively so they can be reused. Shims and wall blocking required for support of millwork cabinets.
Moving Parts	<ul style="list-style-type: none"> Drawer suspensions feature black, progressive action slides with precision steel ball bearings to ensure long lasting, quiet, and smooth operation. Drawer sides and back are 1/2" thick and are white vinyl. Bottoms are 3/16" thick. 5-sided drawer construction allows easy removal of drawer fronts. Doors offer concealed hinge which opens 120 degrees as standard; optional pivot hinge is partially exposed and opens 270 degrees. 	<ul style="list-style-type: none"> Traditional millwork commonly meets the lowest specification allowed. Drawer parts are typically only 1/8" thick. 90 degree door hinges, which limits access to the interior cabinet, are most often specified in millwork.
Worksurfaces	<ul style="list-style-type: none"> Laminate (HPL) worksurfaces are 1 3/16" thick with a 3-ply balanced panel construction which includes 45-pound medium density particle board core. Softened 3mm vinyl finishes the front edge; .5mm vinyl self-edge on the ends; optional 3mm vinyl edge available on ends at no additional upcharge. HPL surfaces are adhered to the core material with a hot press glue process using environmentally friendly, water-based PVA Glue. There are virtually no VOCs using this process. Solid surface tops are 1" thick with finished front edge and consist of a solid surface top with a moisture resistant MDF core. Optional finished or unfinished end edges. 	<ul style="list-style-type: none"> Surface construction typically only meets the bid minimum requirements. All surface edges are commonly self-edged and lack the user-friendly vinyl rim on exposed edges found in modular casework. Surfaces may not be sealed and could absorb moisture.
Quality Assurance / Warranty	<ul style="list-style-type: none"> Construction quality is consistent and meets ANSI/BIFMA Product Test Standards. Limited Lifetime Warranty 	<ul style="list-style-type: none"> Millwork follows AWI standards which are not as rigorous as ANSI/BIFMA. Construction quality can be inconsistent. 1 year warranty.
Financial Impact / Sustainability	<ul style="list-style-type: none"> Utilizing electronic specification tools for product specification and space planning streamlines the ordering process. Cost savings can be realized through the speed and accuracy of the specification. Alterna is Scientific Certification Systems (SCS) Indoor Air Advantage GOLD Certified and BIFMA Level 2 certified. Modular cabinetry is not classified as part of the building construction costs and could result in tax advantages. 	<ul style="list-style-type: none"> Millwork drawings are time-consuming and costly as space planning changes are made. Millwork is environmentally irresponsible since after the initial use, it typically is discarded in landfills. Traditional millwork is typically considered permanent to the building and would follow the 39-year building depreciation.