

# LIBRARY STORAGE SPECIFICATION

Library Collection creates a comprehensive learning retreat for students to research, study, or collaborate in a refreshing environment. Featuring solid particleboard construction, the broad offering provides classic library shelving, study carrels, multi-height group tables, and administrative solutions that support active learning. Because many units are on casters, units can easily be repositioned as learning needs change. Like other Fleetwood products, all units are Michigan-made with no exposed visible edges. Many units ship fully assembled or feature RTA designs for easy installation. All are backed with a limited lifetime warranty.

## Types of units:

- Shelving (bookcases)
  - Single-sided and double-sided stationary library starter shelving (bookcases)
  - Single-sided and double-sided library adder shelving (bookcases)
  - Double-sided library mobile shelving (bookcases)
  - Single-sided library stationary shelving (bookcases). *(See unique specification sheet.)*
  - Curved (Arc) open mobile shelving *(See Designer 2.0 specification sheet)*
- Transaction desk solutions (Modular units that connect in the field)
  - Workstations – tables and transaction counters in straight and curved versions
  - Cabinets – fixed at worksurface height and mobile to slide under worksurface
  - Book returns
- Book display solutions (Mobile units that work with modular units)
  - Mobile book trucks
  - Mobile book browsers
- Carrels -- stand-alone, starter and adders
- Mobile pedestals: with drawers, shelves and/or trays *(See pedestal specification sheet.)*
- Presentation carts *(See presentation cart specification sheet.)*
- Tables *(See table specification sheets.)*
  - Group tables with wood end panels in multiple heights
  - Rectangle group tables and benches with metal legs
  - Multi-shape group tables with metal leg supports in multiple heights
  - Rectangle desks

## Standard features on starter and add-on shelving (Bookcases):

- 1" thick 45lb. multi-density particleboard substrate with a balanced construction of color-matched, thermally fused laminate (TFL) on both sides.
- Permanently attached 3mm color-matched or coordinating PVC edge band with ergonomic 1/8" radiused edge bonded with hot-melt adhesive and trimmed flush on all user touch-point edges.
- Permanently attached .018" color-matched or coordinating PVC edge band bonded with hot-melt adhesive and trimmed flush on all visible edges non-user touch-point edges.
- .75" thick 45lb. multi-density particleboard substrate with a balanced construction of color-matched, thermally fused laminate (TFL) on both sides shelving secured with metal screws so shelving cannot be accidentally dislodged. Shelf placement holes on 32mm increments allows for shelf repositioning in field. Optional reinforced particleboard shelves or 16-gauge powder-coated rolled steel shelves available. Reinforced shelves have structural 1"x1" steel angle integrated to control deflection.
- Individual shelving units feature butt-joint construction with two rectangular frame structures that form an upper apron and toe kick.

- Starter and adder units shipped ready to assemble (RTA) with appropriate pilot holes, grooves and notches drilled on all panels. Starter units have two end panels with shelf holes on only one side. Adder units have one end panel with shelf holes running through end panel. All shelving runs start with one starter unit with unlimited adder units lengthening the shelving run. Reserve the second starter unit end panel to cap off a long shelving run. Starter and adder shelving units are joined together in the field with 5/16-18x3" Hex screws and flat washers. Screws and washers concealed within apron and toe kick. Back panels are attached with #10 x 1.5" screws. Fixed top panel and bottom shelf attached with 90-degree brackets with #10 x .625 screws. Shelves attached with metal shelf clips.
- Units can be repositioned over their lifetime as desired.
- Shipped with upper and lower shelving frames assembled. Ends, back/partition, and shelves installed on-site.

#### Standard features on mobile, double-sided shelves (bookcases) with concealed casters:

- .75" thick 45lb. multi-density particleboard substrate with a balanced construction of color-matched, thermally fused laminate (TFL) on both sides.
- Permanently attached 3mm color-matched or coordinating PVC edge band with ergonomic 1/8" radiused top edge bonded with hot-melt adhesive and trimmed flush on all user touch-point edges.
- Permanently attached .018" color-matched or coordinating PVC edge band bonded with hot-melt adhesive and trimmed flush on all visible edges non-user touch-point edges.
- 1" thick particleboard shelving secured with metal screws so shelving cannot be accidentally dislodged. Shelf placement holes on 32mm increments allows for shelf repositioning in field. Optional reinforced particleboard shelves or 16-gauge powder-coated rolled steel shelves available. Reinforced shelves have structural 1"x1" steel angle integrated to control deflection.
- Individual shelving units feature butt-joint construction with an upper apron and toe kick. Unit joined together with 5/16-18x3" Hex screws and flat washers. Screws and washers concealed within apron and toe kick. Center panels are attached with #10x2.5" screws. Fixed top panel and bottom shelf attached with 90-degree brackets with #10x.625 screws. Shelves attached with metal shelf clips.
- Concealed casters that are plate mounted, ball-bearing swivel design with molded 2-1/2" diameter plastic wheels and 1" hard rubber tread. Casters tested to each hold 200 pounds (total of 800 pounds per unit) and roll over uneven surfaces.
- Shipped with case assembled and casters attached. Shelves installed on-site.

#### Standard features on modular transaction desk units:

- 1" thick 45lb. multi-density particleboard substrate with a balanced construction of color-matched, thermally fused laminate (TFL) on both sides of all ends. .75" thick back panels, shelves, doors, drawer fronts; and toe kicks.
- Worksurfaces with 1" thick 45lb. multi-density particleboard substrate feature a balanced construction with high pressure laminate (HPL) on top and .5mm cabinet liner backer on bottom of worksurface.
- Permanently attached 3mm color-matched or coordinating PVC edge band with ergonomic 1/8" radiused edge bonded with hot-melt adhesive and trimmed flush on all visible edges of bottom panels, shelves, and drawer fronts and bottom edges of end panels to create pick-proof moisture-resistant edges.
- Permanently attached .018" color-matched or coordinating PVC edge band bonded with hot-melt adhesive and trimmed flush on sides of top and back panels, and on the back of end panels.
- Structural 1.25" high metal support rail under worksurface to control deflection.
- Units feature butt-joint construction. End panels, back panels, bottom panels, toe kicks, worksurfaces, and top supports fastened with 16-gauge steel brackets fastened with #8 x 5/8" panhead screws. Transaction counter attached with VHB adhesive tape.

- 16- and 20-gauge cold-rolled steel drawer construction on box and file drawers mounted to 16" non-binding full-extension drawer slides on both box and file drawers. Drawers finished with electrostatically applied powder coating.
- Hinges are European style with 120-degree swing and soft close feature.
- Individual drawer and door cylinder-type locking mechanisms on closed storage units keyed alike within the cabinet.
- Door and drawer pulls are ADA compliant arch-shaped pulls that are 128mm on center, 148mm in length with 30mm projection. Optional Metro pull is 128mm on-center, 138mm in length with 25mm projection.
- 3" diameter cable passthrough grommets on select units. Hole to be added in the field.
- .75" thick particleboard shelving secured with metal screws so shelving cannot be accidentally dislodged. Shelf placement holes on 32mm increments allow for shelf repositioning in field.
- Individual modular transaction desk unit configuration is arranged and joined in the field. Units can be repositioned over their lifetime as desired.
- Units joined in field with tight-joint fasteners at top and bottom of unit.
- Transition and end panels conceal hardware and provide a finished appearance.
- Shipped assembled independently with casters attached if applicable.

#### Standard features on book truck/browser units:

- .75" and 1" thick 45lb. multi-density particleboard substrate with a balanced construction of color-matched, thermally fused laminate (TFL) on both sides of all horizontal and vertical outer and internal panels.
- Permanently attached 3mm color-matched or coordinating PVC edge band with ergonomic 1/8" radiused edge bonded with hot-melt adhesive and trimmed flush on top, bottom, and sides of all visible user touch-point edges to create pry-resistant edges and structural integrity.
- Mobile book trucks and browsers feature 65mm diameter plate-mounted casters with non-marking thermoplastic elastomer tread for quiet use on hard or carpeted flooring.
- Shipped assembled with casters attached.

#### Standard features on carrels:

- .75" or 1" thick 45lb. multi-density particleboard substrate with a balanced construction of color-matched, thermally fused laminate (TFL) on both sides of all horizontal and vertical outer and internal panels. Worksurfaces and shelves are 1" thick 45lb. multi-density particleboard substrate feature a balanced construction with high pressure laminate (HPL) on top and .5mm cabinet liner backer on bottom of worksurface
- Permanently attached 3mm color-matched or coordinating PVC edge band with ergonomic 1/8" radiused top edge bonded with hot-melt adhesive and trimmed flush on top, bottom, and sides of all visible portions of cabinets to create pry-resistant edges and structural integrity
- Zinc metal L-bracket and screw butt-joint construction with screws contained to inside of unit. #10 sized screws utilized.
- Starter and adder unit carrels joined together in the field with female and male shoulder screws and Mod-eez® clip connectors.
- 3" diameter cable passthrough and grommets on carrel units
- Shipped ready to assemble with all pilot holes drilled

#### Optional features:

- Additional shelves available on request.

### Surface materials palette:

- Thermally Fused Laminate (TFL) available in woodgrains, solids, or patterns. 18 standard colors with coordinating edgeband colors.
- High Pressure Laminate (HPL) available in wood grain, patterned, or solid color palette. 18 standard options with coordinating edgeband colors. Wilsonart laminates also available as a graded-in custom material.
- Custom TFL and HPL (worksurfaces only) through specials request process with coordinating 3mm vinyl edgeband.
- Buying relationships established with Wilsonart, Formica, Nevamar, Pionite/Panolam, and other suppliers.

### Overall:

- Cloth blanket wrapped and carton packaging options are available. If cartoned, skids are made from recycled materials.

### Warranty highlights:

- Fleetwood brand products carry a limited lifetime warranty, where products are warranted to be free of defects in materials and workmanship for the life of the product.
- Normal wear-and-tear is not covered under the warranty. Unauthorized alterations, improper maintenance, or abuse nulls warranty.
- Fleetwood will repair or replace free-of-charge any component that fails under normal use or provide refund or credit.
- Laminates, casters, levelers, and flip-and-nest mechanisms have a 12-year warranty.
- Some products have limited life coverage of 3 or 5 years. See full warranty statement for details.
- Consumables, natural variations in product, and select non-standard products not covered under limited lifetime warranty.
- See full warranty statement for details.