

SPECIFICATION GUIDE

Kingfisher Library Shelving

For libraries that prioritise **flexibility,**
sustainability, and **high performance.**



Key Terminology for Smarter Planning

A well-designed library starts with clear understanding. Use this glossary to navigate key shelving terms and plan a tailored, functional, and future-ready library space.

Core Components

Bay: A single unit of library shelving.

Run: A connected series of bays that form a continuous shelving length (also called a “range”).

Post: Vertical frames supporting bays or runs. T-shaped for double sided, L-shaped for single sided.

Joiners: Horizontal beams that connect two or more posts.

Configuration Types

Single Sided Bay / Run: Shelving with books displayed on one side only.

Double Sided Bay / Run: Shelving with books displayed on both sides.

Mobile Shelving: Shelving that can be moved easily without unloading books.

Castors: Durable wheels attached to create mobile shelving units.

Functional Elements

Shelf: Holds books or media. Various sizes and styles available.

Shelf Supports: Left and right-hand fittings securing shelves to posts.

End Panels: Decorative finishes for bay ends—available in Melamine, Veneer, Metal, or Perspex.

Canopy: Also known as Dustcovers, they protect collections and enhance top display. Available in matching materials.

Plinths: Decorative base panels to cover post feet.



INTRODUCING THE

Kingfisher Library Shelving System

A modular, boltless, and highly customisable shelving system, designed for modern libraries. With flexible configurations, fast assembly, GECA certification, and a lifetime structural warranty, it's ideal for both permanent installations and evolving spaces.



Double Sided Shelving



Single Sided Shelving



Wall Mounted Shelving



GECA Certified

The shelving systems are GECA certified, making them a responsible choice for projects focused on sustainability, compliance, and green building standards.



Eco-Friendly Materials

Crafted with sustainable, responsibly sourced materials, like 3XR Particle Board, our systems support libraries committed to environmentally conscious design.



Lifetime Warranty

Confidence comes standard — every system is backed by a lifetime structural warranty for long-term peace of mind.



Modular Design

Designed to grow and adapt, our modular systems allow you to reconfigure layouts with ease – future-proofing your investment.



Tool-Free Assembly

Our tool-free mainframe means faster, cleaner installs and hassle-free relocation or reconfiguration with individual shelf adjustment when needed.



Heavy Duty Structure

Built tough with a high weight rating (50kg) and ultra-rigid frame, our shelving is made to handle real-world use in high-traffic public spaces.





Fully Customisable

From shelf types and sizes to end panels and finishes, we tailor every system to meet the specific needs of your project.



Mobile Options

German engineered and made lockable castors for a flexible and safe mobile shelving option. Rearrange, rezone, or repurpose library spaces with ease.



Custom Powdercoat

Choose any powdercoat colour to align perfectly with your design palette or branding, ensuring every fit-out looks as good as it functions.



Signage

Canopy:
Melamine
'Elegant Oak'

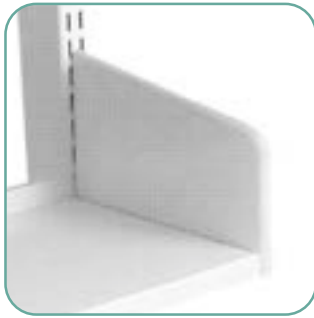
New Books

End Panels:
Melamine 'Elegant Oak'

Shelving & Frame:
Powdercoated in White

Feet: Lockable castors

Shelf: Sloping Display Shelf



Double Sided Bay Structure

900 W x 590 D x Standard Height



Rounded Shelves

Rounded bull-nosed edges on shelf supports helps reduce the risk of damage to your collection.

Multiple Shelving Levels

The Double slot system allows you to position shelves at different levels across your run of shelving. See page 11 for shelf levels.

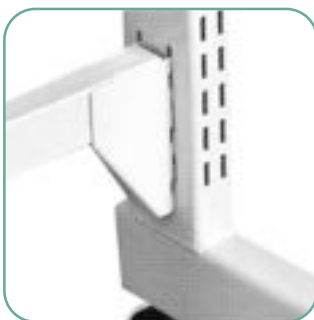
Shelf Support

200mmD
250mmD
300mmD

Double Sided Post (mm)
70 W x 34 D

Shelf

(See page 9 for shelf types)



Adjustable Feet

Large adjustable feet (50mmH) for leveling your shelving without removing items.

Tool Free Assembly

Joiners with lug holes provide robust connection of posts ensuring rigid and stable runs.

Construction

A robust steel Cantilever frame finished in a durable white powdercoat.

(Optional Lockable Castors: 100mmDia)



Double Sided Bay

Post Profile: Upside-down T-shape.

Placement: Designed for central or freestanding floor locations, with shelving on both sides.

Feet & Mobility Options:

- Supplied with adjustable feet as standard.
- Can be fitted with Tente® castors to create mobile units.

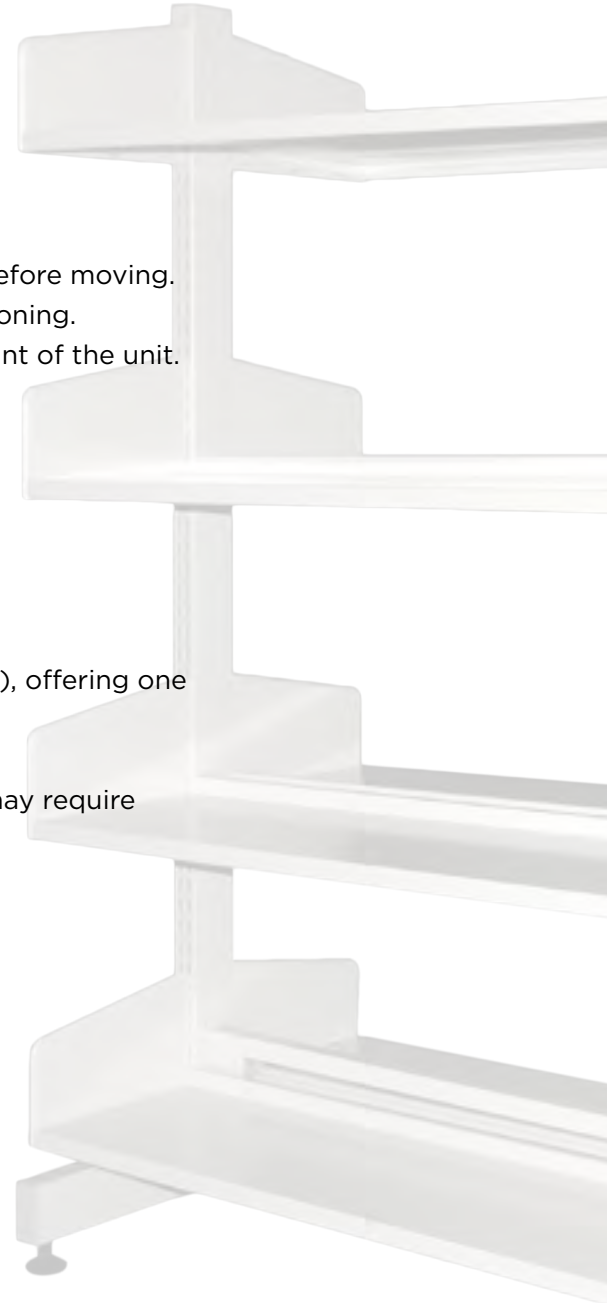
When using castors:

- Suitable for short runs of 1-2 bays while fully loaded.
- Longer mobile runs are possible but require book removal before moving.
- Lockable castors are standard (1-2 per run) for secure positioning.
- Optional offset swivel castors keep wheels within the footprint of the unit.
- Overall Bay height increases by 135mm with castors.
- Maximum post height for mobile units is 1600mmH.

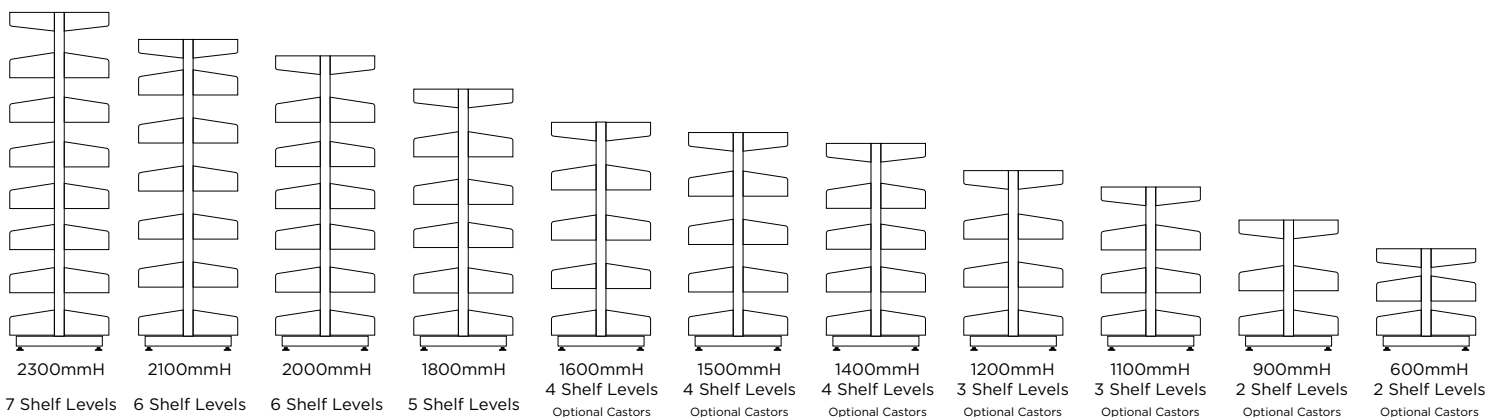
Construction:

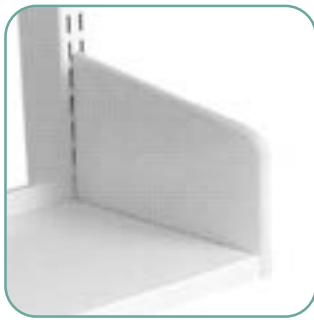
- Boltless design for quick assembly and relocation.
- Shelf slots spaced at 25.4mm pitch for versatile adjustment.
- 2 horizontal joiners attach between posts for rigidity.
- Each joiner connects using 6 lug holes per post (2 rows of 3), offering one of the most robust systems available.
- Post wall thickness: 2.35mm for structural integrity.
- Note: While the main system is boltless, some accessories may require nuts and bolts.

- Standard bay width is 900mm (nominal).
- Allow 35mm per run (excluding end panels) for actual length.
- Bays are also available as standard at 600mmW
- Usable shelf real estate is 886mm



Bay Heights and Shelf Levels





Single Sided Bay Structure

900 W x 375 D x Standard Height



Rounded Shelves

Rounded bull-nosed edges on shelf supports helps reduce the risk of damage to your collection.

Multiple Shelving Levels

The Double slot system allows you to position shelves at different levels across your run of shelving. See page 11 for shelf levels.

Shelf Support

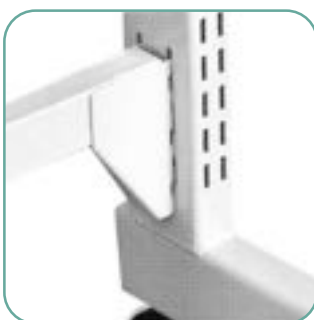
200mmD
250mmD
300mmD

Single Sided Post (mm)
70 W x 34 D

Shelf

(See page 9 for shelf types)

Single Sided Bay Depth (mm)
375mm



Tool Free Assembly

Joiners with lug holes provide robust connection of posts ensuring rigid and stable runs.

Construction

A robust steel Cantilever frame finished in a durable white powdercoat.

Adjustable Feet

Large adjustable feet (50mmH) for leveling your shelving without removing items.

Single Sided Bay

Post Profile: L-shape

Placement: Designed for wall-mounted or back-to-wall applications.

Feet: Comes fitted with adjustable feet as standard (50mmH).

Construction: Boltless system allows fast, tool-free assembly and relocation.

Slot Pitch: Shelf slots spaced at 25.4mm intervals for flexible shelf height adjustment.

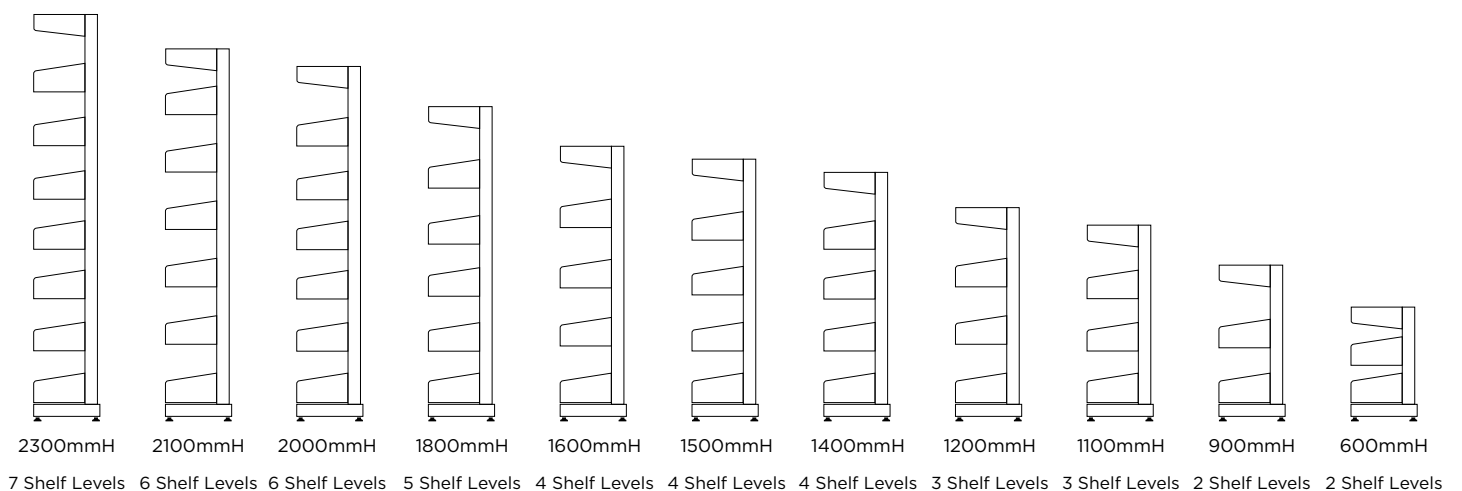
Joiners:

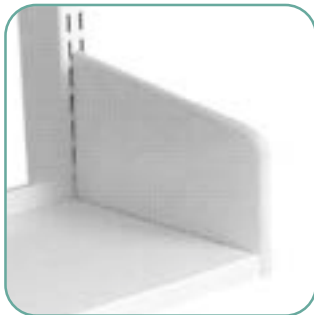
- 2 horizontal joiners connect the posts (top and base) to create the bay structure.
- Each joiner locks into place using 6 lugs per post (2 rows of 3), delivering high rigidity.
- Post Wall Thickness: 2.35mm for strength and durability.
- Note: While the main system is boltless, some accessories may require nuts and bolts.

Single Sided Library shelving cannot be mobile due to stability issues.



Bay Heights and Shelf Levels





Wall Mounted Bay Structure

900 W x 315 D x Standard Height



Rounded Shelves

Rounded corners on shelf supports helps reduce the risk of damage to your collection.

Multiple Shelving Levels

The Double slot system allows you to position shelves at different levels across your run of shelving.

See page 11 for shelf levels.

Shelf Support

250mmD
300mmD

Shelf

(See page 9 for shelf types)



Wall Mounted Post (mm)

34 W x 15 D



Top View of Post

Construction

A robust steel 'U' Shaped profile finished in a durable white powdercoat.

Wall Mounted Bay

Post Profile: Straight post with a depth of 15mm.

Placement: Designed for wall-mounted applications.

Construction: Fixed to wall. Shelving system itself is tool-free allows for fast assembly and relocation.

Slot Pitch: Shelf slots spaced at 25.4mm intervals for flexible shelf height adjustment.

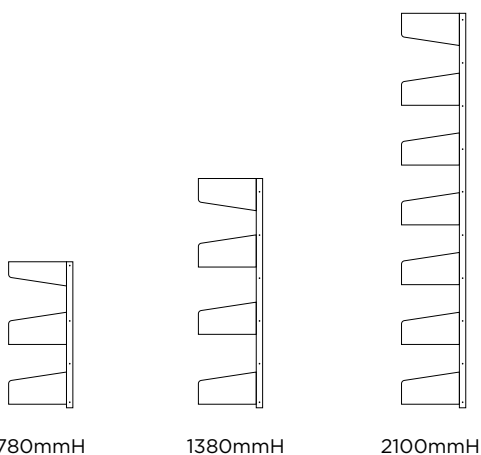
Joiners:

- Post Wall Thickness: 2.35mm for strength and durability.
- Note: While the main system is boltless, some accessories may require nuts and bolts.

Standard sizes and shelf levels are featured below however custom sizes are available upon request.



Bay Heights and Shelf Levels



These specifications apply consistently across both single-sided and double-sided shelving units, ensuring uniformity throughout the library space.

Post Height is defined as follows:

Nominal Post Height: The standard design height used for ordering and cataloging purposes.

Actual Post Height: Reflects the true physical height once manufactured.

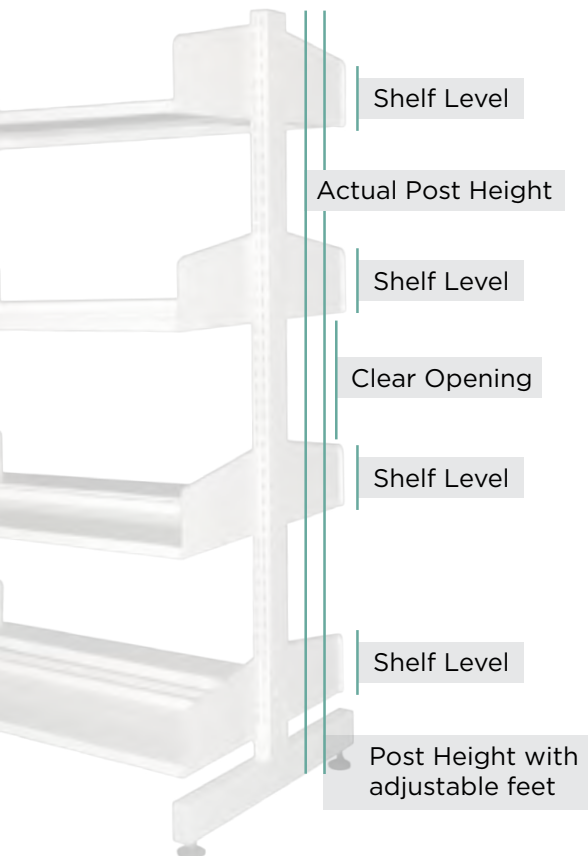
Single-sided and double-sided shelving units are fitted with adjustable feet, providing an additional 50mm to the overall height to allow for precise leveling on uneven surfaces.

Standard shelving configurations feature adjustable shelves per bay, determined by the selected overall height, ensuring efficient storage while maintaining accessibility. Shelf types (page 14) include flat shelves, sloping display shelves, or multimedia shelves, offering versatility to accommodate a wide range of library materials.

Standard Bay Width
900mm

Standard Bay Depth
Single Sided: 375mm
Double Sided: 590mm

Lead Time
4-6 Weeks
Longer lead times may apply to custom sizes.



Nominal Post Height

600mmH

Actual Post Height

576mmH

Post Height with adj. feet

596-426mmH

Post Height with castors

711mmH



2 Shelves
Clear opening:
232mm

Castors are only available with double sided shelving.

Nominal Post Height

900mmH

Actual Post Height

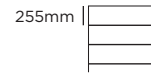
876mmH

Post Height with adj. feet

896-926mmH

Post Height with castors

1011mmH



3 Shelves
Clear opening:
255mm



2 Shelves
Clear opening:
355mm

Castors are only available with double sided shelving.

Nominal Post Height

1100mmH

Actual Post Height

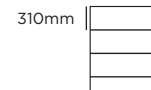
1105mmH

Post Height with adj. feet

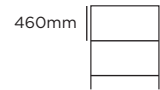
1125-1155mmH

Post Height with castors

1140mmH



3 Shelves
Clear opening:
310mm



2 Shelves
Clear opening:
460mm

Castors are only available with double sided shelving.

Nominal Post Height

1200mmH

Actual Post Height

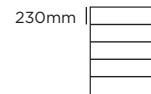
1181mmH

Post Height with adj. feet

1201-1231mmH

Post Height with castors

1316mmH



4 Shelves
Clear opening:
230mm



3 Shelves
Clear opening:
285mm

Castors are only available with double sided shelving.

Nominal Post Height

1400mmH

Actual Post Height

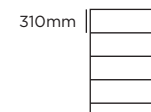
1410mmH

Post Height with adj. feet

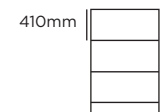
1430-1460mmH

Post Height with castors

1445mmH



4 Shelves
Clear opening:
310mm



3 Shelves
Clear opening:
410mm

Castors are only available with double sided shelving.

Nominal Post Height

1500mmH

Actual Post Height

1485mmH

Post Height with adj. feet

1505-1535mmH

Post Height with castors

1620mmH



4 Shelves
Clear opening:
1 x 285mm
3 x 330mm

3 Shelves
Clear opening:
450mm

Castors are only available with double sided shelving.

Nominal Post Height

1600mmH

Actual Post Height

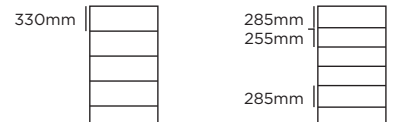
1562mmH

Post Height with adj. feet

1582-1612mmH

Post Height with castors

1697mmH



4 Shelves
Clear opening:
330mm

5 Shelves
Clear opening:
2 x 285mm
3 x 255mm

Castors are only available with double sided shelving.

Nominal Post Height

1800mmH

Actual Post Height

1790mmH

Post Height with adj. feet

1810-1840mmH



4 Shelves
Clear opening:
385mm

5 Shelves
Clear opening:
310mm

Not available with Castors

Nominal Post Height

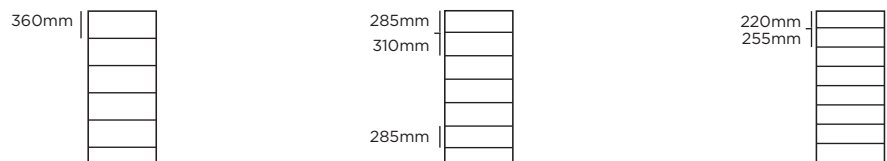
2000mmH

Actual Post Height

2020mmH

Post Height with adj. feet

2040-2070mmH



5 Shelves
Clear opening:
360mm

6 Shelves
Clear opening:
2 x 285mm
3 x 310mm

7 Shelves
Clear opening:
1 x 220mm
6 x 255mm

Not available with Castors

Nominal Post Height

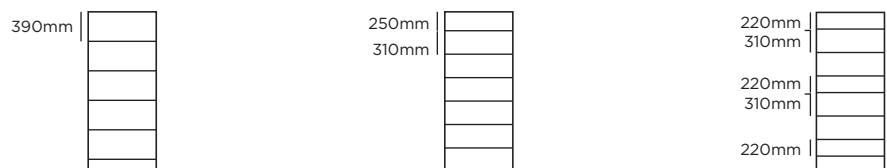
2100mmH

Actual Post Height

2090mmH

Post Height with adj. feet

2110-2140mmH



5 Shelves
Clear opening:
390mm

6 Shelves
Clear opening:
1 x 250mm
5 x 310mm

7 Shelves
Clear opening:
3 x 220mm
4 x 310mm

Not available with Castors

Nominal Post Height

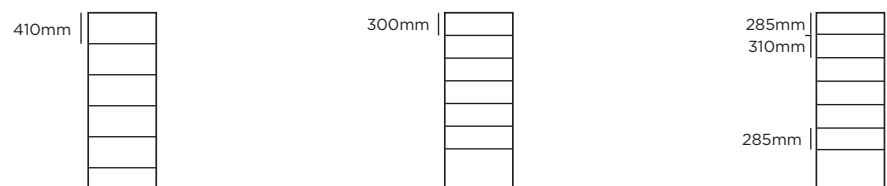
2300mmH

Actual Post Height

2325mmH

Post Height with adj. feet

2345-2375mmH



5 Shelves
Clear opening:
410mm

6 Shelves
Clear opening:
300mm

7 Shelves
Clear opening:
2 x 285mm
4 x 310mm

Not available with Castors

Shelf Types



Flat Shelf

200mmD
250mmD
300mmD



Shelf Backstop

150mmH



File Shelf

300D x 190mmH



CD / DVD Tilted Shelf

185D x 150mmH



CD / DVD Sloping Shelf

185D x 150mmH



**CD/DVD Shelf
Acrylic Front**

185D x 150mmH



Zig Zag Insert Universal

150D x 108mmH



Poly Bag Rail

300mmD



Sloping Display Shelf

200mmD
250mmD
300mmD



Linfield Magazine Display

910D x 350mmH



Newspaper Display Shelf

80D x 370mmH



Bowen Display Shelf

190D (at the top) - 130D (at the base) x 160mmH

*Image does not show dividers



Book Bin - Acrylic Front

Standard: 190D (at the top) - 130D (at the base) x 160mmH

Large: 160D (at the top) - 220D (at the base) x 160mmH



Book Bin - Acrylic Front

Standard: 190D (at the top) - 130D (at the base) x 160mmH

Large: 60D (at the top) - 220D (at the base) x 160mmH



Browser Bin

Standard: 250D x 160mmH

Large: 300D x 160mmH

End Panels & Canopies

End panels can be customised to meet your design requirements, with options such as graphic designs, slatwall channels, or a plain finish. The customisation possibilities are virtually unlimited, allowing you to create a look that complements your library space.



Standard Width for Single Sided End Panel (mm)

900H x 390W	1600H x 390W
1100H x 390W	1800H x 390W
1200H x 390W	2000H x 390W
1400H x 390W	2100H x 390W
1500H x 390W	2300H x 390W

Standard Width for Double Sided End Panel (mm)

900H x 600W	1600H x 600W
1100H x 600W	1800H x 600W
1200H x 600W	2000H x 600W
1400H x 600W	2100H x 600W
1500H x 600W	2300H x 600W



Plinths

Plinths are made from E0 Melamine or 3XR Particle Board. Perfect for hiding the bottom of posts or castors.

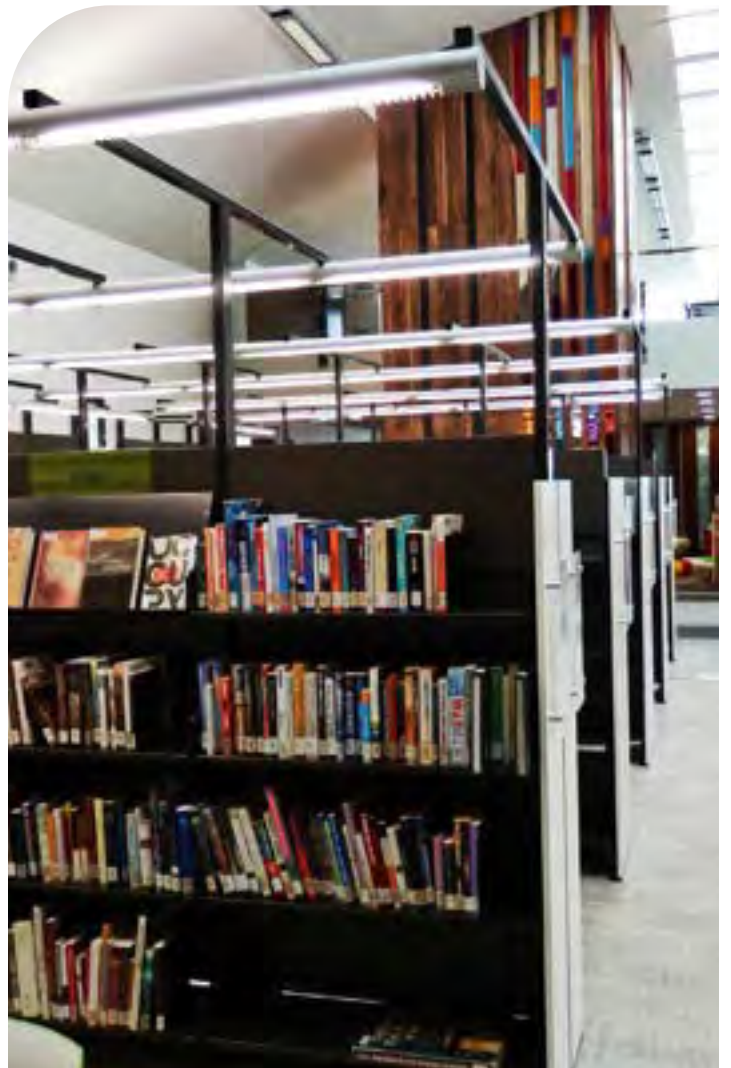


Backing Panels

Backing panels create a clean, polished look by concealing the rear of the shelving, while also preventing books and materials from slipping behind the unit, keeping your collection neat and organised. Crafted from 6mm MDF and come in standard White or Black finishes, with additional options available to suit your design preferences.

Lighting & Signage

Enhance your library shelving with integrated or overhead lighting, designed to showcase your collections beautifully. Complement your shelving with our elegant range of signage options, offering clear and stylish navigation throughout your library space. Enquire at abaxkf.com.au



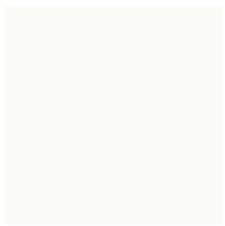
Finishes

Kingfisher Library Shelving is designed to complement a wide range of interior styles through flexible finish options. The steel frame can be powdercoated in any colour. Standard stocked shelving is Dulux White Satin. For end panels and canopies, we offer a curated selection of standard melamine finishes.

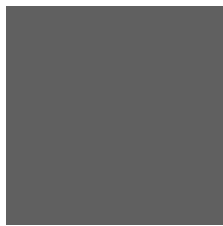
Have something specific in mind? We can also accommodate custom melamine selections to align with your project's palette or material schedule—ensuring the shelving system integrates seamlessly into any design vision.

Powder Coat

Our shelving frames can be powdercoated in **any colour** to suit your project requirements. However, White and Charcoal Satin are our most commonly selected finishes—both offering a clean, timeless look that complements virtually any library interior.



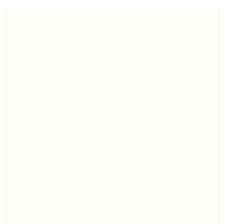
White



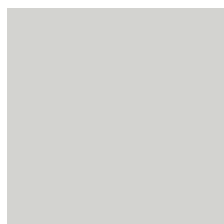
Charcoal

Standard Melamine Options

Kingfisher Library Shelving canopies and end panels are available in a curated selection of standard melamine finishes, chosen to complement a wide range of interior styles. From clean neutrals like White 200 and Oyster Grey to natural woodgrains such as Classic Oak and Elegant Oak, each option offers durability, consistency, and visual appeal. We can also accommodate melamine selections of your choice to suit specific project palettes or design requirements.



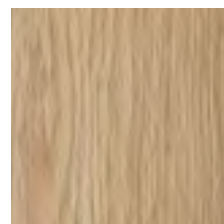
White 200



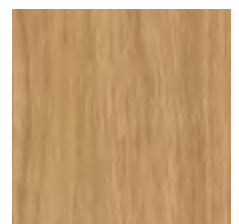
Oyster Grey



Charcoal



Classic Oak



Elegant Oak

Colours may vary slightly when viewing on screen



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