

Rackline Prospan Shelving

Prospan shelving is a heavy duty storage solution that is ideal for any archive or storage area. The cleverly designed 'U' channel uprights are incredibly strong, and allow for airflow around the stored objects. The open format shelves are easily adjustable, and designed to protect your precious inventory.

Highly configurable, its open design allows objects to share bays from left to right, and keeps objects accessible from either side of a bay. Where an open design is not wanted, infill panels are available to add backs and sides, and divide shelves.

Perfect for museums, or general archives, this system is ideal for the storage of large or unusually shaped items.

Prospan can extend to cover widths of **1600mm** and heights of up to **4000mm**



APPEARANCE

Prospan is a fully adjustable open post system that is by default finished in White polyester epoxy powder coat (RAL9002). This colour was chosen as the standard for many Rackline products for several reasons. It has superb light reflecting qualities which make it ideal for narrow aisle shelving installations where lighting levels may be low. It is a colour which is both bright and complements any decor, and the colour retains a clean appearance even when dusty, which keeps areas looking clean and smart. Though RAL9002 is our default colour, you can specify any colour at the point of ordering.

PERFORMANCE

Prospan is a heavy duty, high density, storage system, consisting of 35mm x 35mm 'U' channel uprights that are manufactured from 2mm thick mild steel. These uprights will carry loads of up to 1000KG.

Shelves are also incredibly strong with a weight bearing capacity of up to 125KG depending upon the dimensions chosen. Talk to our team about re-inforced shelves with higher capacities.

ADJUSTABILITY

Prospan is a fully adjustable shelving solution, where none of the storage shelves are bolted. Each shelf can be readily adjusted in 25mm increments.

All shelves are interchangeable, with accessories that simply snap onto the shelf clips. These can be easily added or relocated at any time after the initial installation.

For enclosed units, simply add end panels, back panels and side infill panels to compartmentalise your inventory.

SECURITY SAFETY

The security of both users and the shelf contents are the main considerations when designing a shelving system. Prospan is manufactured to tight tolerances with no sharp edges or angle traps which could damage stock or injure staff.

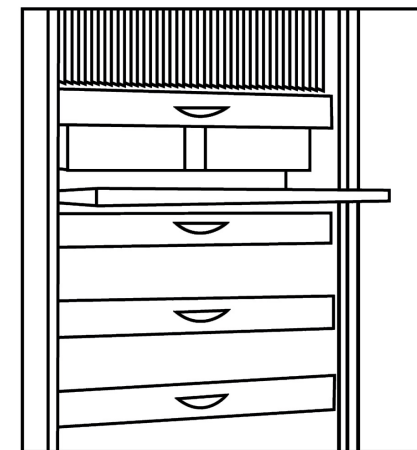
FLEXIBILITY

The adjustment of shelves can be undertaken effortlessly by untrained staff, without the use of tools. Clever design allows shelves to be adjusted in 25mm increments with the use of Rackline shelf clips.

Extra shelves are available, and a huge range of accessories, allowing Prospan to adapt to your changing needs. These accessories and shelves can be added, removed and reconfigured quickly and at any time, making the system truly flexible.

Additionally: Prospan shelving can be mounted onto mobile carriages to save up to 70% capacity over static rows.

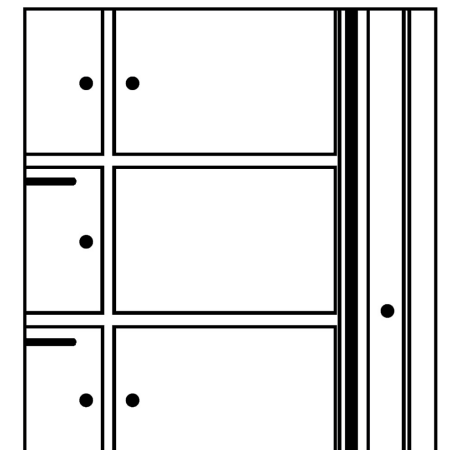
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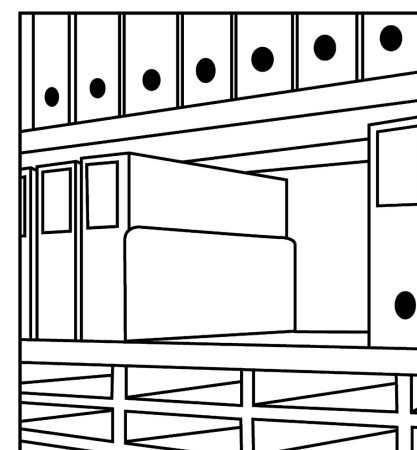
Pull Out Shelves



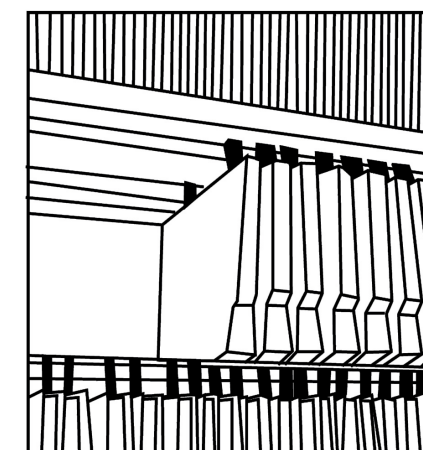
Pull Out Drawers



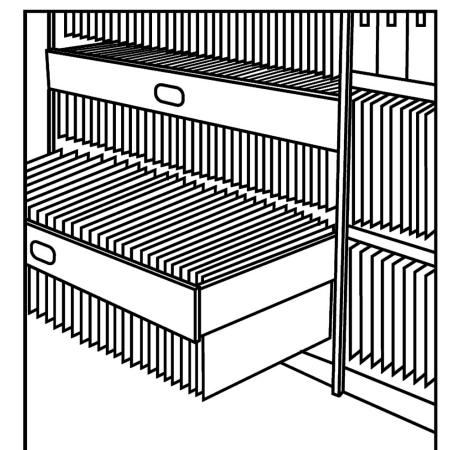
Lockers



Book Supports



Duplex Shelves



Pull Out Cradles

TECHNICAL INFORMATION

SHELF PITCH

Shelf pitch is always measured from the top of one shelf to the top of the next shelf up.

As a shelf flange measures 30mm, the clear aperture between shelves is always 30mm less than the shelf pitch. A shelf pitch of 400mm therefore has a clear aperture of 370mm.

Shelf pitches are always divisible by 25mm which is the slot pattern of the upright.

To calculate a shelf pitch for a particular item, say an artefact measuring 240mm, add 30mm to the height of the object, in this case 240mm plus 30mm equals 270mm.

Go to the nearest aperture divisible by 25mm (275mm) and then make a judgement on whether the clearance of 5mm in this case is enough or whether you should go to 300mm.

That judgement will always be based on the conditions which apply for the client, for example very tidy files would suit a clearance of 5mm.

CREEP

Prospan shelves are manufactured in actual dimensions so that a clear aperture of 1 metre shelf is 1000mm, The shelf flange is 30mm. Owing to the fact that the post is deeper and wider than the shelf, a single bay of Prospan measures 1073mm in overall width and a 400mm deep bay measures 404mm in overall depth.

There follows a creep chart to enable the exact overall dimensions to be calculated.

Gauges:

- Uprights - 2.0mm
Shelves - 0.9mm
Backsheet - 0.8mm
Backbrace - 3.0mm
- Fixed Divider - 0.8mm
Side Support Rail - 1.0mm
Free Standing Divider - 1.0mm
Shelf Clip - 2.0mm

For mobile bases add 5mm to sizes below:

600mm Wide												
1 Bay	2 Bay	3 Bay	4 Bay	5 Bay	6 Bay	7 Bay	8 Bay	9 Bay	10 Bay	11 Bay	12 Bay	13 Bay
673	1311	1949	2587	3225	3863	4501	5139	5777	6415	7053	7691	8329

900mm Wide												
1 Bay	2 Bay	3 Bay	4 Bay	5 Bay	6 Bay	7 Bay	8 Bay	9 Bay	10 Bay	11 Bay	12 Bay	13 Bay
973	1911	2849	3787	4725	5663	6601	7539	8477	9415	10353	11291	12229

1000mm Wide												
1 Bay	2 Bay	3 Bay	4 Bay	5 Bay	6 Bay	7 Bay	8 Bay	9 Bay	10 Bay	11 Bay	12 Bay	13 Bay
1073	2111	3149	4187	5225	6263	7301	8339	9377	10415	11453	12491	13529

1200mm Wide												
1 Bay	2 Bay	3 Bay	4 Bay	5 Bay	6 Bay	7 Bay	8 Bay	9 Bay	10 Bay	11 Bay	12 Bay	13 Bay
1273	2511	3749	4987	6225	7463	8701	9939	11177	12415	13653	14891	16129

Depth	Single Sided	Double Sided
250	254	504
300	304	604
350	354	704
400	404	804
450	454	904
500	504	1004
600	604	1204

PROSPAN TECHNICAL INFORMATION

