Basic shelving system
– Sysco® Library
Technical Datasheets

bruynzeel filing and storage

FOCUS ON CUSTOMER SATISFACTION

Basic shelving system - Sysco® Library

Load capacity

Shelf

75 kg, depending on the type of shelf. Refer to the loading table.

Maximum deflection according to L/300.

Remark:
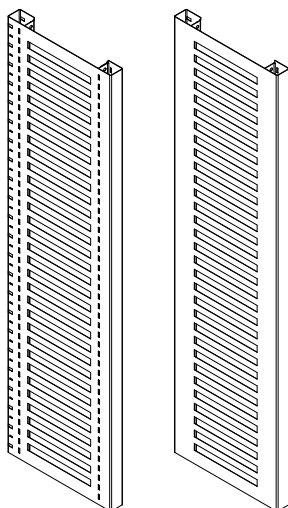One m^1 books weights approximately 40 kg.

Bay

Shelving with adjustable feet
The adjustable feet can be used for loading up to a maximum of 375 kg per bay (187.5 kg per adjustable foot).

Shelving with foot plates and leveling shims
Maximum bay load 800 kg

Loads must be evenly distributed.

Upright

Depth (mm)		Length (mm)	Height	Colour
200*	350	30 (width of post)	All heights between 914 and 2394 mm with steps of 40 mm. Higher: available on request.	RAL 9006 and 9002
250	370**			For optional colours refer to the main colour chart.
270	390			
300	400			
320	450			

* Not possible in combination with slotted perforation
** Delivery time on request

Material
Steel
0.75 mm thick
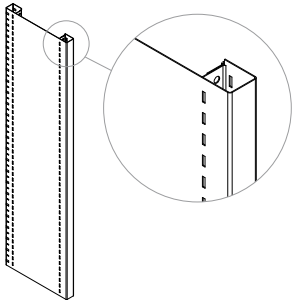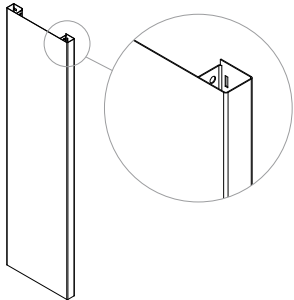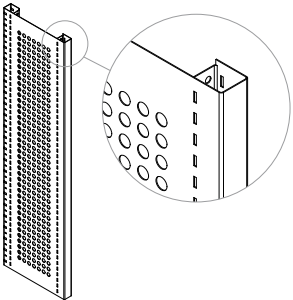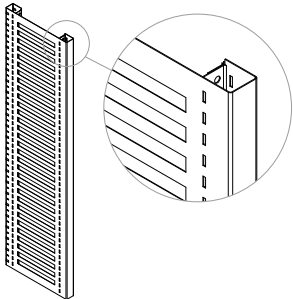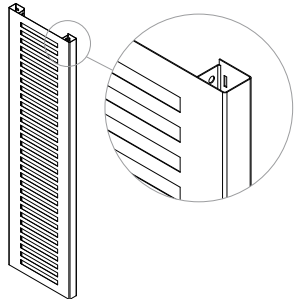
Every 6th hole for shelf support bracket has an indicator point.

Basic shelving system - Sysco® Library

Upright versions

Closed upright	Upright without holes	Perforated upright	Perforated upright without holes
Normal upright. Shelves or other filing accessories can be installed on both sides of the upright.	This version can be used as last upright at the sides of a system and also functions as finishing. Only on the inner side of the upright, shelves or other filing accessories can be installed.	This perforated upright offers the possibility to install shelves and other filing accessories on both sides of the upright. Upright is perforated with circular holes (Ø 12 mm).	This perforated upright (circular holes Ø 12 mm) can be used as last upright at the sides of a system. The uprights also function as finishing. Only on the inner side of the upright, shelves or other filing accessories can be installed.

Slotted upright	Slotted upright without holes		Colour
This slotted upright offers the possibility to install shelves and other filing accessories on both sides of the upright.	This slotted upright (rectangular holes 20 mm high, width dependent on depth upright) can be used as last upright at the sides of a system. The uprights also function as finishing. Only on the inner side of the upright, shelves or other filing accessories can be installed.		RAL 9006 and 9002 For optional colours refer to the main colour chart.

Basic shelving system - Sysco® Library

Infill panels

Closed *Perforated* *Slotted*

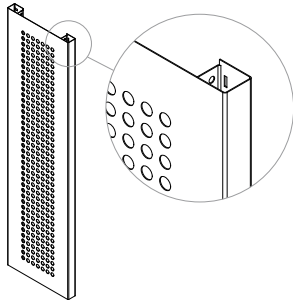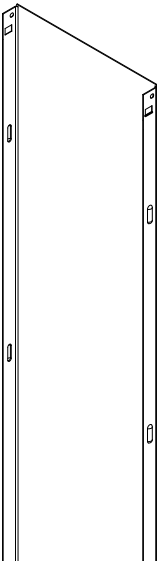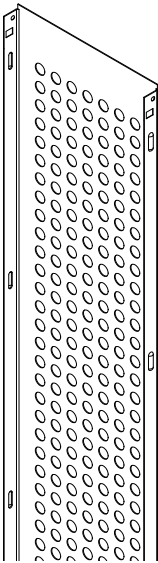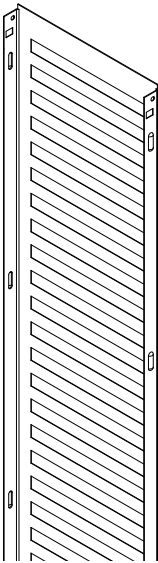| Depth (mm)	Height	Colour
(ND-72) 128* 278 178 298** 198 318 228 328 248 378 ** Not possible in combination with slotted perforation* *** Delivery time on request*	All heights between 914 and 2394 mm with steps of 40 mm. Higher: available on request.	RAL 9006 and 9002 For optional colours refer to the main colour chart.

Length (mm)	Material	
25 (width of flange) These fit into the 30 mm width of the post.	Steel 0.63 mm thick	
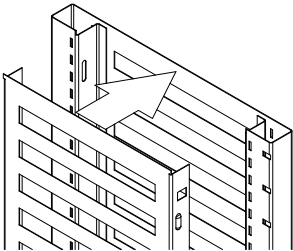
Shelf hook

Thick (mm)	Height (mm)	Width (mm)	Material
2	22	14.6	Zinc plated steel

Basic shelving system - Sysco® Library

Levelling

Adjustable foot
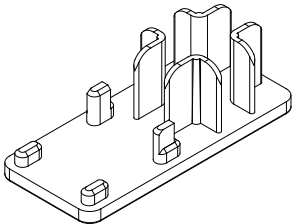
Foot plate

Levelling shim

Depth (mm)	Length (mm)	Height (mm)	Colour	Description
		Adjustable from 10 to 25	Black plastic (Pa)	2 adjustable feet are needed for every upright.
75	33	4	Black plastic (Pa)	Foot plates are required to distribute the load of the upright over a larger floor area.
75	33	1	Black plastic (Pa)	Leveling shims are used to level the shelving when it is installed on an uneven floor.
75	33	2	Black plastic (Pa)	Leveling shims may be installed in any number and combination, up to 20 mm.

Basic shelving system - Sysco® Library

Crossbracing
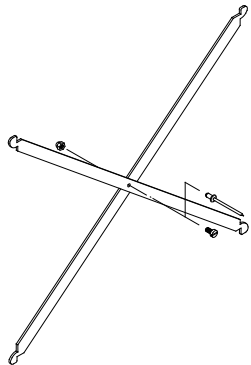
| Description		Material	Colour
Crossbracing is required for rigidity and stability of an individual bay as well as a complete run of shelving. A crossbracing consists of two diagonal struts which are hooked into the upright and connected in the middle by means of a blind rivet or a bolt and nut.		Steel 2 mm	RAL 9006 and 9002 For optional colours refer to the main colour chart.

Brace beam
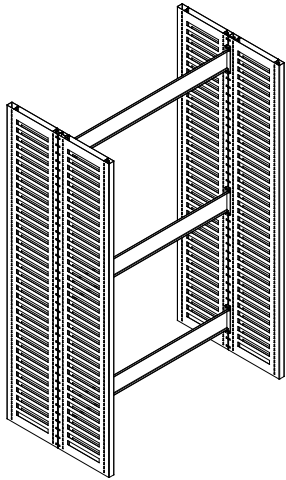
Depth (mm)	Length (mm)	Height (mm)	Colour
15 (single shelving) 30 (double shelving)	Bay length	145	RAL 9006 and 9002 For optional colours refer to the main colour chart.

A brace beam is required for rigidity and stability of an individual bay as well as a complete run of shelving.			**Material** Steel 2 mm

Shelves
(standard dimensions)
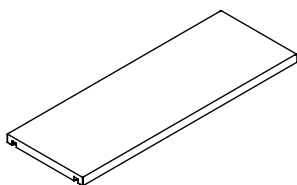
Depth (mm)		Length (mm)	Height (mm)	Colour
194* 344 244 364 264 384 294 394 314 444		770 970 1170	33	RAL 9006 and 9002 For optional colours refer to the main colour chart.
Not possible in combination with uprights with slotted perforation				

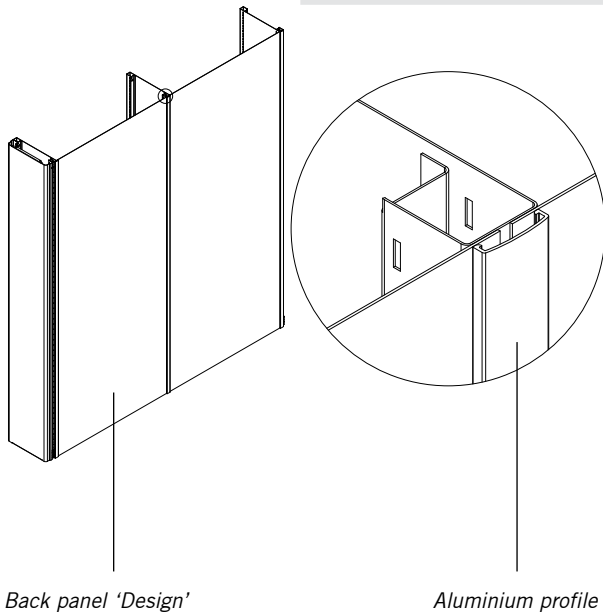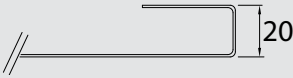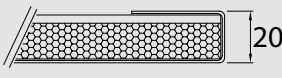# Basic shelving system - Sysco® Library

End shelving

Depth (mm)		Length	Description	Colour
244	364	Depending on the depth of the shelving system.	One bay shelving, placed against the front side of a run of shelving.	RAL 9006 and 9002
264	384			
294	394	Single deep: L=390 mm	Used to present various media.	For optional colours refer to the main colour chart.
314	444	Double deep: L=540 to 840 mm		
344				

Backpanel 'Design'

Material	Description	Colour
Steel 0.9 mm	Back panel 'Design' closes the back of a system with a neat, complete finishing.	RAL 9006 and 9002
	They also provide in rigidity and stability (replace crossbracing).	For optional colours refer to the main colour chart.
	The back panels are fixed to the system using self drilling screws, which are covered with an aluminium strip.	

Back panel 'Design'

Aluminium profile

Available from - Merlin Industrial Products Ltd - 0800 0418 650 - info@merlin-industrial.co.uk

Basic shelving system - Sysco® Library

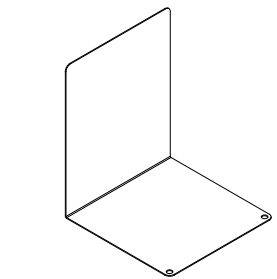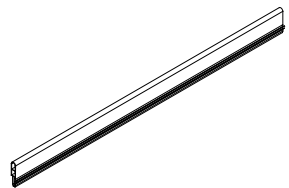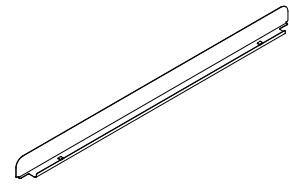| Decorative panels		Description	Material	Colour
	Monoform end panel	The monoform end panel covers the side of the shelving system.	Monoform 16 mm.\n\nThe sides are covered with a 2 mm finish in the same colour.	For colours refer to the main colour chart.
	Steel end panel	The steel end panel covers the side of the shelving system.	Steel (0.9 mm) folded to 20 mm:	For colours refer to the main colour chart.
	Glass end panel	The glass end panel covers the side of the shelving system.	Safety glass 6 mm. The sides are grinded to prevent injury.	Frosted glass (semi-transparent).\n\nFor colours refer to the main colour chart (non-transparent).
	Acoustic end panel	The acoustic end panel covers the side of the shelving system.	Steel (0.9 mm) folded to 20 mm:\n\nThe acoustic material is placed in the end panel.	For colours of the steel part refer to the main colour chart.\n\nAcoustic material: black and white.
	Monoform top panel	The top panel is used to cover up the visible top side of the shelving system.	Monoform 16 mm. The sides are covered with a 2 mm finish in the same colour.	For colours refer to the main colour chart.

Basic shelving system - Sysco® Library

Shelf accessories
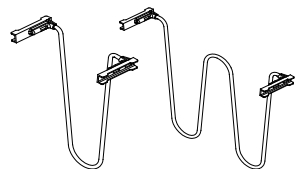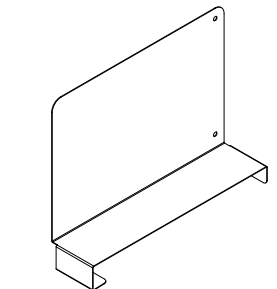
Accessory	Applicability (mm)	Function
Shelf stop	For all shelves. NL 800, 1000, 1200	To make a positive stop along the front or back edge of the shelf.
Middle shelf stop	For all shelves. NL 800, 1000, 1200	Used to prevent stored goods to slide over to the bay in the back. Note: the middle shelf stop can only be used when two shelves are placed at the same height in a double rack. Height shelf stop: 35 mm
Book support free	For all shelves. NL 800, 1000, 1200 Height: 170 Depth: 135	To keep rows of smaller books upright.
Book support full depth	For all shelves. NL 800, 1000, 1200 Height: 205	To keep rows of smaller books upright. Placed at the front- and back side of the shelf. Note: not in combination with shelf stop.
Suspended divider	U-shape: Shelves with ND 200, 250 and 270 W-shape: Shelves with ND between 300 and 450	To divide compartments into open partitions, to keep rows of books upright or to file various documents upright. Clamped at the underside of the shelf. Note: not in combination with shelf stop.

Available from - Merlin Industrial Products Ltd - 0800 0418 650 - info@merlin-industrial.co.uk

Basic shelving system - Sysco® Library

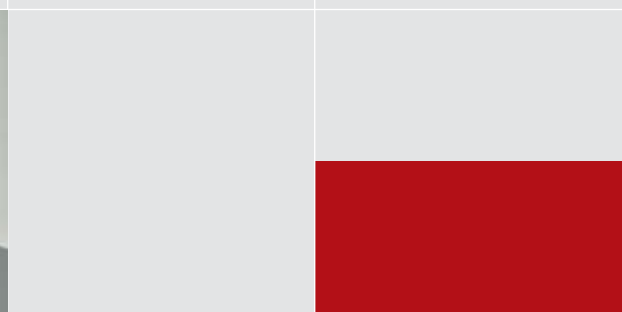| Shelf accessories	Accessory	Applicability (mm)	Function	Colour
	Foldable display	ND 300, 320, 350, 370, 390, 400, 450 NL 800, 1000, 1200	The foldable display combines the function of display and storage.	RAL 9006 and 9002 For optional colours refer to the main colour chart.
	Display shelf	ND 250, 270, 300, 320, 350, 370, 390, 400, 450 NL 800, 1000, 1200	Used to display magazines, folders, files, etc.	RAL 9006 and 9002 For optional colours refer to the main colour chart.
	Duo shelf	ND 250, 270, 300, 320, 350, 370, 390, 400, 450 NL 800, 1000, 1200	The standard shelf with shelf stop can be used as traditional (horizontal) shelf and can be transformed into a display shelf, using a special bracket.	RAL 9006 and 9002 For optional colours refer to the main colour chart.

Technical Datasheets – 1.0

Basic shelving system - Sysco® Library

Shelf accessories
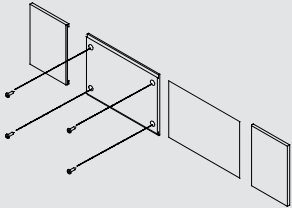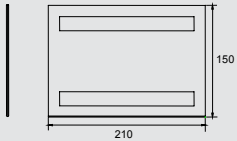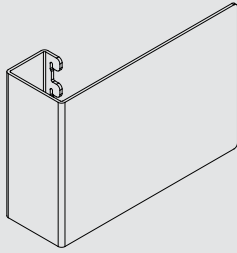
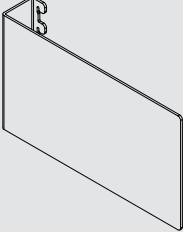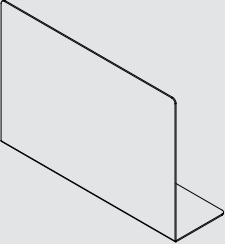| Accessory	Applicability (mm)	Function	Colour
Media drawer	ND 300, 320, 350, 370, 390, 400, 450 NL 800, 1000, 1200 Height: 130 Load capacity: 35 kg/m	To store CD's, DVD's, magazines, dossiers and office goods. Delivered with 5 RVS bars that provide flexible division into partitions.	RAL 9006 and 9002 For optional colours refer to the main colour chart.
Media bin	ND 300, 320, 350, 370, 390, 400, 450 NL 800, 1000, 1200 Height: 130 Load capacity: 35 kg/m	To store CD's, DVD's, magazines, dossiers and office goods. Delivered with 5 RVS bars that provide flexible division into partitions.	RAL 9006 and 9002 For optional colours refer to the main colour chart.
Pull-out shelf	ND 250, 270, 300, 320, 350, 370, 390, 400, 450 NL 800, 1000, 1200 Shelf depth: 243, 343 Load capacity: 15 kg	To use as a writing desk, worktable and temporary storage of smaller goods.	RAL 9006 and 9002 For optional colours refer to the main colour chart.
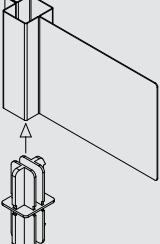
Basic shelving system - Sysco® Library

Signage	Accessory	Measurements (mm)	Material	Function
	Label holder shelf	Length: 970*, 1170 Height: 27 * Also applicable to length 770 (manually adapt to size)	Transparent plastic	Used for shelf labeling. Self-adhesive.
	Label holder	Length: 150 Height: 100	Black plastic with transparent cover	Used to identify the various aisles of a run of shelving. Attached to the front panel with 4 screws.
	Label holder (A5)	Length: 210 Height: 150	Transparent plastic	Used to identify the various aisles of a run of shelving. Attached to the front panel with 2 strips double sided tape.
	Front signage	Length: 155 Height: 110	Steel RAL 9006 and 9002 For optional colours refer to the main colour chart.	Hooked into the shelf holes of the post and folded around the end finishing. Calls attention to products displayed in an aisle. Can easily be removed and replaced.

Basic shelving system - Sysco® Library

Signage	Accessory	Measurements (mm)	Material	Function
	Aisle signage	Length: 200 Height: 110	Steel RAL 9006 and 9002 For optional colours refer to the main colour chart.	Hooked into the shelf holes of the post. Calls attention to products displayed in an aisle. Can easily be removed and replaced.
	Bay signage	Length: 155 Height: 110	Steel RAL 9006 and 9002 For optional colours refer to the main colour chart.	Hooked onto the shelf. Calls attention to products displayed in an aisle. Can easily be removed and replaced. Note: not in combination with a top panel.
	Overhead signage	Length: 155 Height: 110	Steel RAL 9006 and 9002 For optional colours refer to the main colour chart.	Placed on top of the upright's post. Calls attention to products displayed in an aisle. Can easily be removed and replaced. Note: not in combination with a top panel.
	Magnetic sheet	A4 (210x297) A3 (297x420)	Magnetic paper	Magnetic paper sheet, with a inkjet printable white surface on one side.