

Sunfacta®



the commercial roller blind experts





SUNFACTA® roller blind systems are ideal for shading large or small areas. A headbox fully encloses the roller and the operating mechanism but is easily accessible for any maintenance.

An extensive range of high-performance, flame retardant fabrics are available to meet your requirements and obligations in terms of heat and light control.

For the ultimate in light control a clever twin system, with two roller barrels neatly concealed in one headbox, allows the use of two types of cloth in one blind.

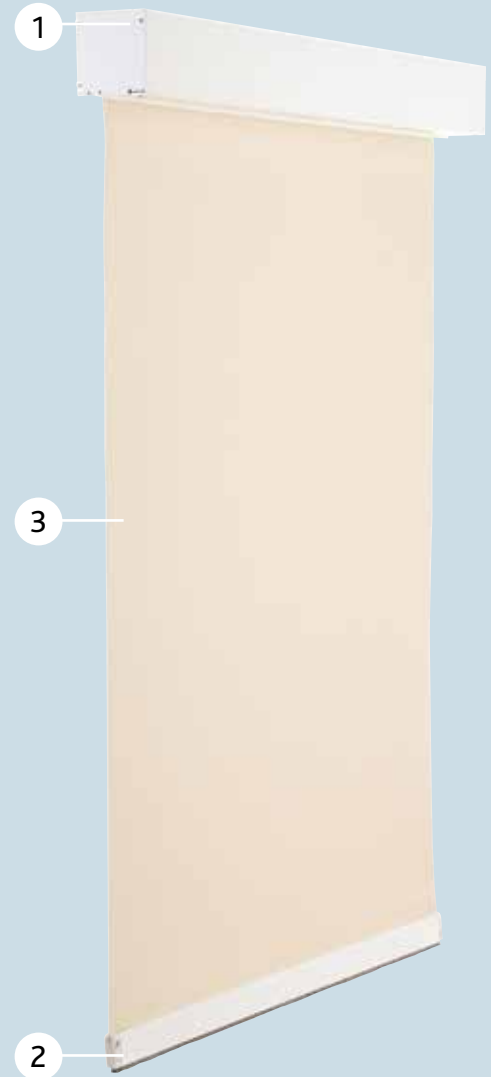
Sunfacta®

- When fully closed the headbox encases the fabric roll and controls but the front of the headbox is easily removed allowing full access for maintenance and adjustment.

- The hem bar of the blind is permanently affixed to the cloth.

On larger blinds a heavy duty, weighted hem bar is used to ensure the fabric remains flat and the blind sturdy.

- A perfectly straight edge to the blind, no matter how long the drop, is achieved by state-of-the art computer controlled cutting equipment.



1



2



3



SHY SUNFACTA® blinds are available in an extensive range of sizes, operating methods, orientations and cloth and colour options:



Head Box Size:		65			85			110			150			200			150 Twin			200 Twin		
Gravity Drop	Operation	Max Width m	Max Drop m	Max Area m²	Max Width m	Max Drop m	Max Area m²	Max Width m	Max Drop m	Max Area m²	Max Width m	Max Drop m	Max Area m²	Max Width m	Max Drop m	Max Area m²	Max Width m	Max Drop m	Max Area m²	Max Width m	Max Drop m	Max Area m²
		2.6	2.8	4.5	2.8	3.8	5.0	2.6	3.2	6.0												
	Chain	3.0	2.8	4.0	2.8	3.8	5.0															
	Decelerator	3.0	2.8	4.0	2.6	3.2	5.0															
	Spring																					
	Gear				3.0	4.0	10.0	4.4	5.4	17.5	4.2	9.2	20.0									
	24VDC	2.4	2.8	4.0																		
	24VDC - Quiet	2.4	1.8	4.3	2.8	3.8	10.0															
	240V/AC	2.4	1.8	4.3	3.8	3.4	10.0	4.4	5.4	21.0	5.2	9.2	40.0	6.8	13.0	50.0	3.8	3.4	10.0	4.4	5.4	21.0
	240V/AC - Quiet	2.4	1.8	4.3	3.8	3.4	10.0	4.4	5.4	12.0												
Rooflight Shaped or Lifting	Cord	2.0	2.8	4.0	2.0	2.8	4.0															
	Manual				3.0	3.2	8.0	4.4	3.1	8.0												
	Gear																					
	24VDC																					
	24VDC - Quiet				1.6	2.6	1.5															
	240V/AC				2.8	3.2	4.5	4.4	3.1	12.0	5.2	3.2	16.0									
	240V/AC - Quiet				2.8	3.2	4.5	4.4	3.1	8.0												
	FTS										5.2	9.2	23.0	2.5	12.0	30.0						

Headboxes



65mm x 65mm



85mm x 85mm



110mm x 110mm



150mm x 150mm
150mm x 150mm (twin)



200mm x 200mm
200mm x 200mm (twin)

Twin system

The SUNFACTA® twin roller system has two roller barrels contained in the same headbox so two fabrics can be used in the same blind. A screen blind to control glare could be coupled with a black-out cloth to provide the ultimate in light control. Another alternative would be to combine a shading material with a projection screen cloth so the blind has a dual purpose.

Hardware Colours

All exposed metal hardware is powder coated in two standard finishes:

White – RAL9910, 60-70% gloss

Black – RAL9005, 60-70% gloss

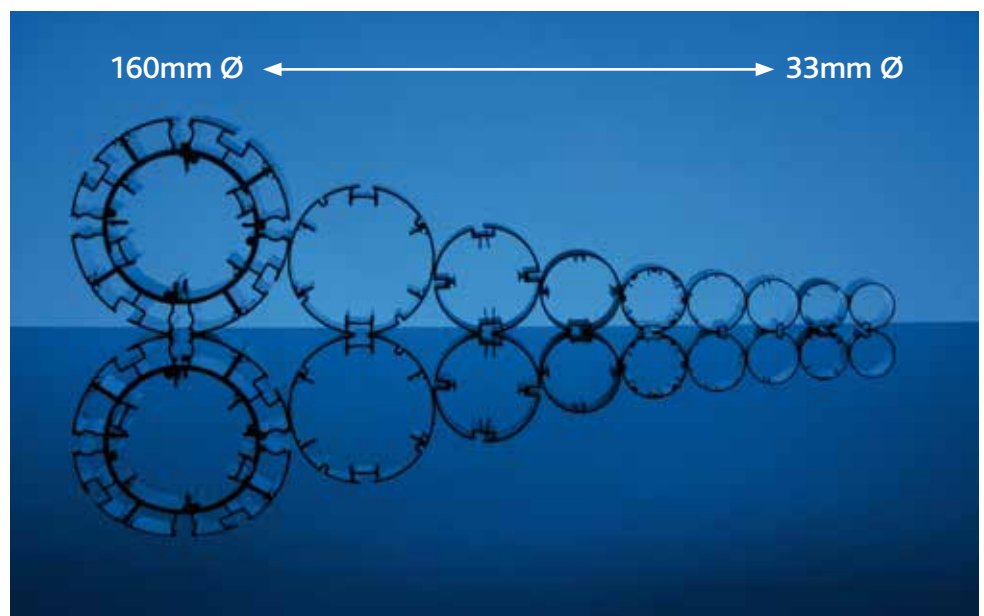
Other RAL colours are available to co-ordinate or contrast with surrounding finishes. Please contact our sales staff for more information.



Roller Barrels

SHY have designed a range of roller barrels with clever features to ensure smooth and effective operation of SUNFACTA® blinds up to 40m²

The specification of the roller barrel is determined automatically based on the operation method, size and weight of the blind.



Other products in the SHY range



Cassette roller blind with side channels

Gravity drop	✓
Inclined	✓
Roof	✓
Shaped	✓
Lifting	✓

5 headbox sizes
6 operating methods
Twin systems – two blinds in one

Max Width	6m
Max Drop	10m
Max sq area	49m ²



The roller blind that is anything but standard

Gravity drop	✓
Inclined	✓
Roof	✓
Shaped	✓
Lifting	✓

9 barrel sizes
5 operating methods
Twin systems – two blinds in one

Max Width	6.8m
Max Drop	13m
Max sq area	70m ²

the commercial roller blind experts

SUNFACTA® roller blinds are all available with the following operating methods depending on the overall size and orientation of the blind:

Cord

Cord operation is available on SUNFACTA® shaped, lifting and rooflight blinds but its position and operation is based on the overall blind size, shape and specification. Please contact our sales staff for more information.

Chain Operation

The standard roller blind method of operation, fitted with a self-braking mechanism so you can simply position the blind where you need it. Chains are available in white, black and grey close beaded plastic along with metal ball chain.



Heavy Duty Chain Operation

For larger blind sizes a heavy duty mechanism along with a counterbalancing spring concealed in the roller barrel means that raising the blind is as effortless as lowering it.

Crank Operation

Available with a permanently fixed winding handle or a removable one to prevent unauthorised use. Ideal for long drop blinds or where chains may pose a hazard.

Electric

With an electric motor fitted in the barrel of the blind an extensive range of control options are available from wired to wireless (radio control) switching, to environmental controls and links to building management systems.

With electric operation it is possible to operate single blinds, groups of blinds or all blinds together, or any combination of these options.



CHILD SAFETY

Care should always be taken when installing blinds in areas where babies and young children may be present. Looped chains can pose a particular hazard and SHY provide a chain tensioning device (compliant with BS EN 13120:2009+A1:2014) to help keep the chain taut. Crank, electric or hand operated blinds may be more appropriate in these situations.

FABRIC OPTIONS

SHY provide a comprehensive range of fabric options to meet virtually every application and use. With larger blinds the stability of the fabric is of paramount importance and consequently all of the fabrics offered by SHY have been extensively tested.

SHY's fabric range includes:

- Black-out
- Screen fabrics in varying degrees of openness
- Heat reflecting cloths
- Insect screens
- Projection cloth

The majority of SHY's fabrics are inherently flame retardant to EU standards.

Screen and digital printing of cloths is available – please contact us for more information.



SHY (UK), 1 Bilton Road Industrial Estate,
Cadwell Lane, Hitchin, Hertfordshire, SG4 0SB
T: 0345 67 20 000 F: 0345 67 20 001
E: info@shy.co.uk W: www.shy.co.uk

Your approved SHY dealer is:

© SHY (UK), 2015. SHY, ZIP, SUNFACTA and OBSCURA are registered trademarks. Many of the site photographs have been supplied by dealers and we are indebted to Incorporated Blind Systems Limited, BBD Blinds Limited and Enviroscreen Systems for allowing use of their images in this brochure.