



Honeycomb Pleated Blinds

SPECIFICATIONS



Sec. : Honeycomb
Date : Nov 2022



Honeycomb Pleated Blinds



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Product - Overview



Product Overview



Honeycomb Pleated Blinds offer excellent insulation with an attractive combination of high fashion, good value, easy installation and convenient operation. Simply styled and designed, Honeycomb blinds are an economical option in soft window coverings. Choose from a selection of decorative block-out or light-filtering fabrics. The head and bottom rails are manufactured from extruded aluminium alloy and fixed to the window with steel brackets. In addition to standard free hanging rectangular blinds, we offer a range of shapes that deliver solutions for many typical windows. For skylight blinds please refer to our Blocco Section (Blocco Honeycomb)

Motorised Operation: refer to Motorisation page later in this section

Manual Operation options for Honeycomb Pleated Blinds:

1. Cord Lock: Operation with a cord lock is very similar to Venetian blinds. Raising and lowering of the blind is achieved by means of colour co-ordinated pull cords. There are three configuration options available with the Cord Lock operation:

a. Cord Lock: The honeycomb blind can be locked in any position between fully raised and fully lowered and the cords can be situated at either the left or right side of the blind.

b. Top Down, Bottom Up: This configuration requires two cord locks on the one blind (one at each end) and an additional mid-rail. This allows the blind to be stacked in any position, between the top of the window frame and the bottom of the window frame. As an example, the blind could be positioned so that the top of the fabric which is attached to the additional mid-rail, is mid-way up the window with the remaining lower section, covering the lower half of the window.

c. Day Night (using two differing Honeycomb Fabrics): This configuration also requires two cord locks on the one blind (one at each end) and an additional mid-rail. This configuration allows for two fabrics on the one blind rather than only one. The combination of fabrics selected are most often a light filtering fabric for day time use, and a block out fabric for night time use. This means that there are effectively two blinds covering the window providing both day and night time light control.

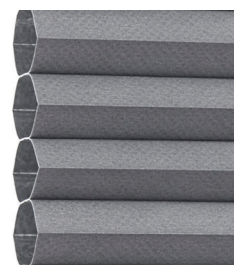
2. Cordless: A new generation control option to raise and lower the blind. Operation of a "Cordless" honeycomb pleated blind is done by raising and lowering the blind using a small handle which is attached to the bottom rail. The blind can be stopped at any position (auto brake) and as there are no cords, this option provides the optimum in child safety.

3. Clutch: With a Clutch Control, the raising and lowering of the blind is by rotating the looped cord on the side of the blind. The cord rotates a high ratio gear inside the headrail which makes the raising and lowering of the blind very easy for large blinds. Installation:

Installation: Face fit or Inside fit for all system types.

Fabrics

The Sonata range of 45 Honeycomb pleated blind colours are available in both 25mm & 38mm block-out and light-filtering options. A special feature of a honeycomb blind is that the cords on the blind are not visible as they are fed through through the centre of the Honeycomb cells. Furthermore, both block-out and light-filtering honeycomb fabrics have superior heat retention due to the two layered cell construction. The Sonata range of light filtering fabrics create a soft focus in a stylish contemporary colour range. These fabrics gently filter sunlight, prevent UV damage and provide a flattering ambient light. Our block-out honeycomb fabrics which are 100% polyester non-woven are perfect for controlling light and offer complete privacy. If you prefer some natural light and still retain your heat our light-filtering honeycomb fabrics would provide a perfect solution.



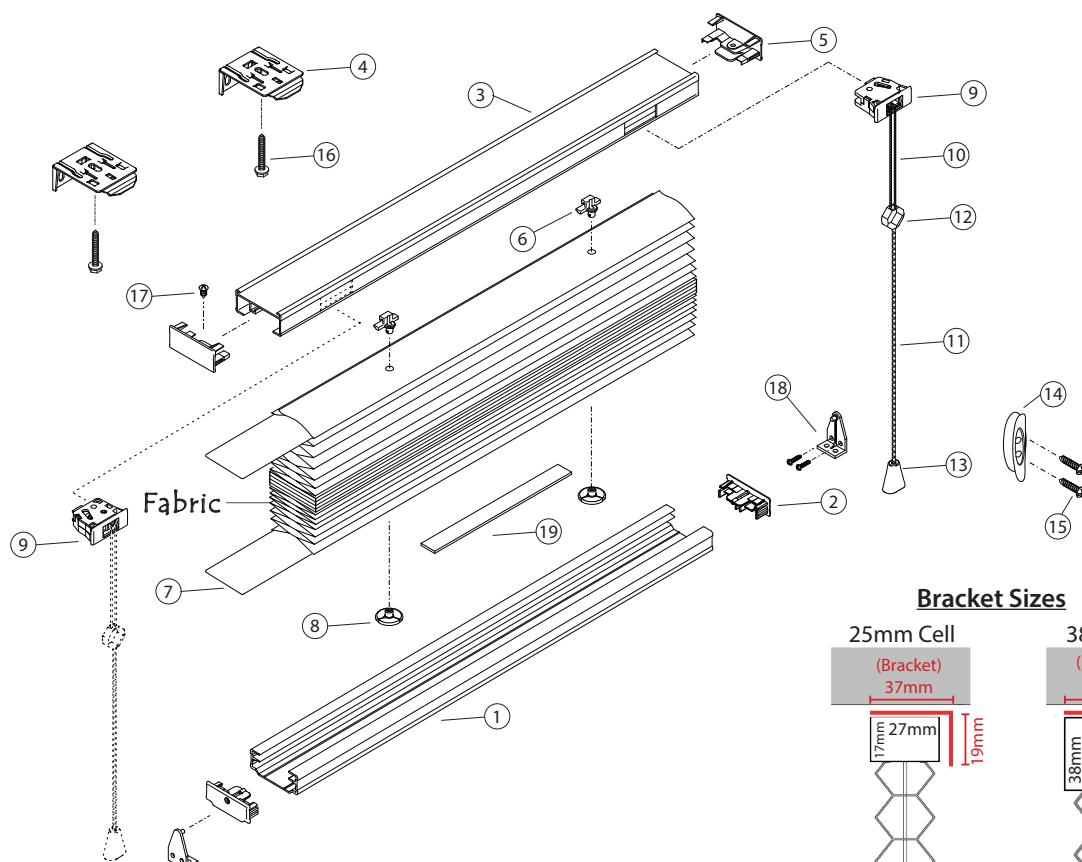
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Honeycomb Pleated Blind

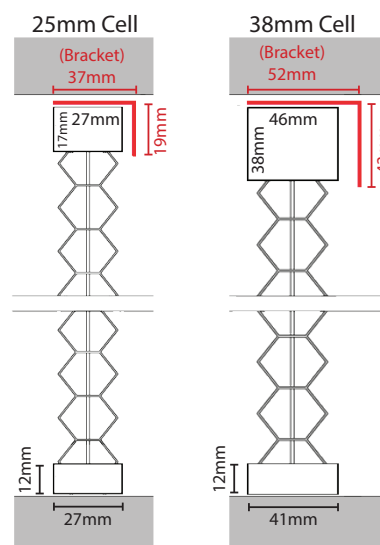
- 25mm & 38mm Honeycomb single cell, Cord Lock Control



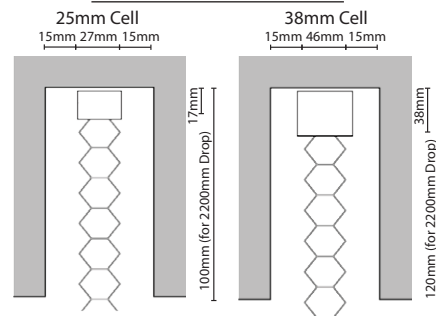
Key Numbers

1. Aluminium Bottom Rail : Colour co-ordinated
D 27mm x H 12mm - 25mm Cell
D 41mm x H 12mm - 38mm Cell
2. Bottom Rail End Cap : Colour co-ordinated
3. Aluminium Head Rail : D 27mm x H 17mm - 25mm Cell - Colour co-ordinated
D 46mm x H 38mm - 38mm Cell - White, Black colour co-ordinated, Grey Sheen colour co-ordinated, (with Fabric Insert on face)
4. Mounting Bracket : Zinc Plated
5. Head Rail End Cap : Colour co-ordinated
6. Cord Guide
7. Rail Insert
8. Fix Button : Plastic
9. Cord Lock (Left/Right) : Colour co-ordinated
10. Cord (O.D. = 0.9mm) : Colour co-ordinated
11. Pulling Cord (O.D. = 1.8mm)
12. Stop Ball : Colour co-ordinated
13. Tassel : Colour co-ordinated
14. Cord Cleat : Clear
15. Screw for Cord Cleat : Zinc Plated
16. Screw for Mounting Bracket : Zinc Plated
17. Screw for Rail Insert : Zinc Plated
18. Hold down bracket : (screws - zinc plated)
19. Weights with double face tape

Bracket Sizes



Recess Measurements

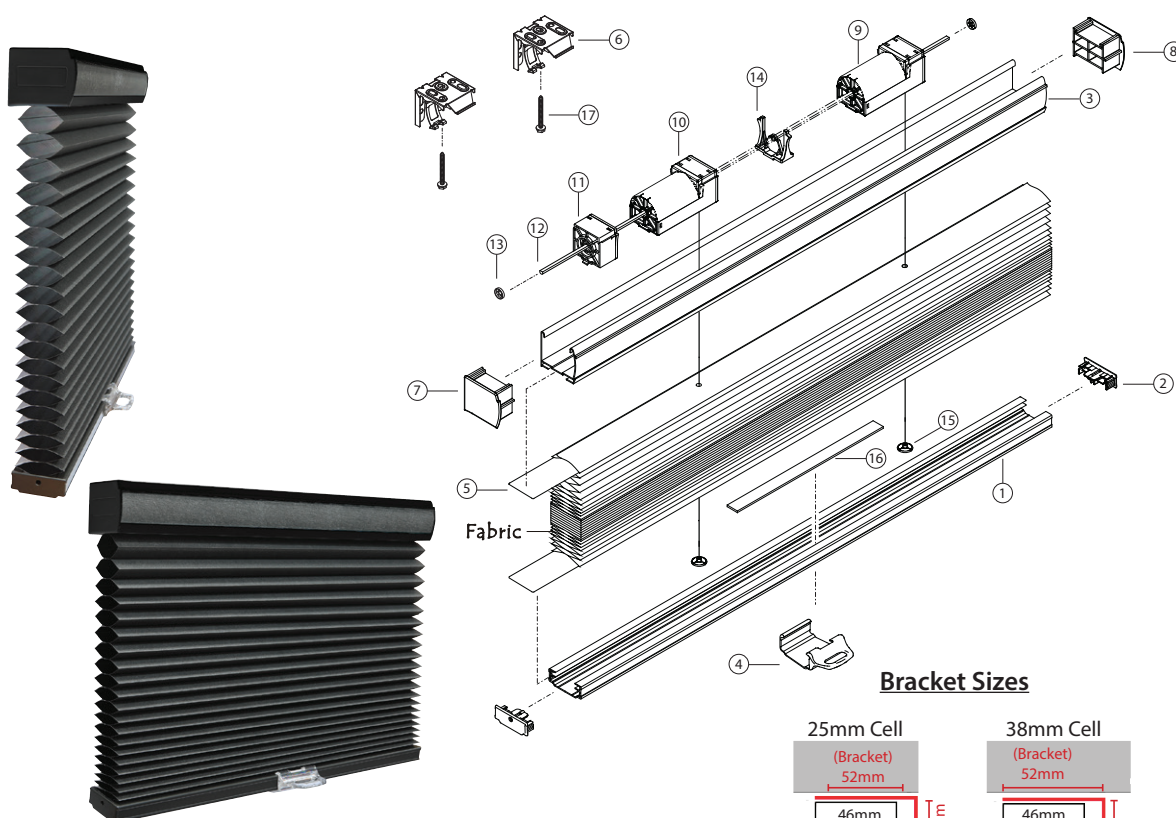


Honeycomb Pleated - Maximum Size Specifications

Control Type		Honeycomb Type (single cell)	Min / Max Blind Size			
			Max m ²	Min Width	Max Width	Max Drop
Cord Lock (cord lock on one side)	Standard	25	6.75 m ²	200mm	2700mm	2500mm
Cord Lock (cord lock on one side)	Standard	38	6.75 m ²	200mm	2700mm	3600mm
Cord Lock (2 cord locks, 1 at each end)	Top down, bottom up	25	6.75 m ²	450mm	2700mm	2500mm
Cord Lock (2 cord locks, 1 at each end)	Top down, bottom up	38	6.75 m ²	450mm	2700mm	3600mm
Cord Lock (2 cord locks, 1 at each end)	Day & Night	25	4.56 m ²	450mm	2700mm	2500mm
Cord Lock (2 cord locks, 1 at each end)	Day & Night	25	4.56 m ²	450mm	2700mm	3600mm

Honeycomb Pleated Blind

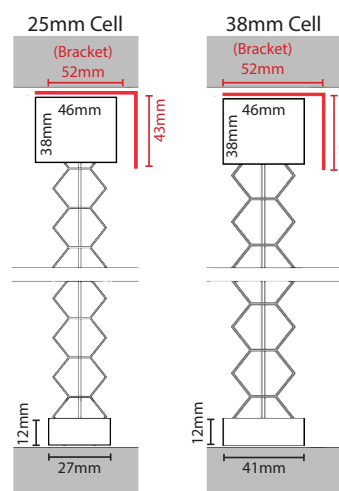
- 25mm & 38mm Honeycomb single cell, Cordless



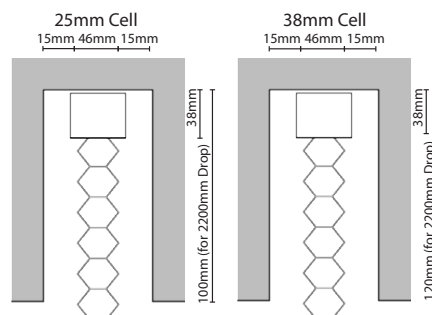
Key Numbers

1. Aluminium Bottom Rail : Colour co-ordinated
D 27mm x H 12mm - 25mm Cell
D 41mm x H 12 mm - 38mm Cell
2. Bottom Rail End Cap : Colour co-ordinated
3. Aluminium Head Rail : D 46mm x H 38mm - 25mm Cell- White, Black colour co-ordinated, Grey Sheen colour co-ordinated, (with Fabric Insert on face)
D 46mm x H 38mm - 38mm Cell - White, Black colour co-ordinated, Grey Sheen colour co-ordinated, (with Fabric Insert on face)
4. Bottom Rail Handle : Clear
5. Rail Insert
6. Mounting Bracket : Zinc Plated Only
7. Head Rail End Cap : Off-white
8. Head Rail End Cap : Off-white
9. Cordless Module with spring : For all Shades Width
10. Cordless Module without spring : For shade width is less than 610mm Width
11. Tension Spring Module
12. Tilter Rod : Zinc Plated
13. Tilter Rod End Washer T : Stainless
14. Tilter Rod Support : Plastic
15. Fix Button : Plastic
16. Weights with Double Face Tape
17. Screw for Mounting Bracket : Zinc Plated

Bracket Sizes



Recess Measurements

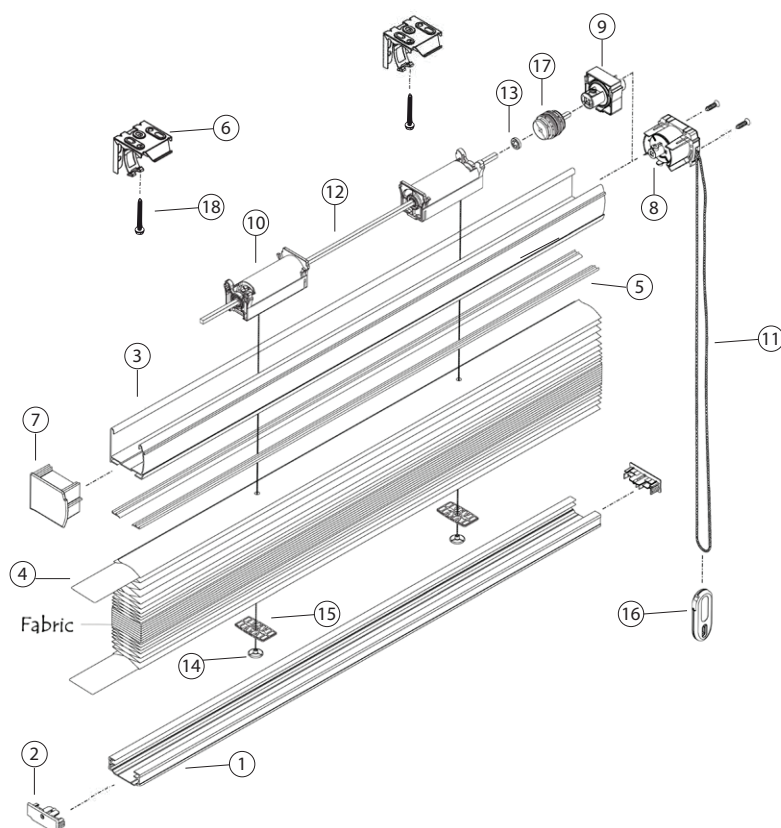


Honeycomb Pleated - Maximum Size Specifications						
Control Type		Honeycomb Type (single cell)	Min / Max Blind Size			
			Max m ²	Min Width	Max Width	Max Drop
Cordless	Standard	25 mm	3.6 m ²	250mm	2000mm	1800mm
Cordless	Standard	38 mm	3.6 m ²	250mm	2000mm	1800mm
Cordless	Top down, bottom up	25 mm	3.6 m ²	550mm	2000mm	1800mm
Cordless	Top down, bottom up	38 mm	3.6 m ²	550mm	2000mm	1800mm
Cordless	Day & Night	25 mm	3.6 m ²	550mm	2000mm	1800mm
Cordless	Day & Night	38 mm	3.6 m ²	550mm	2000mm	1800mm

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Honeycomb Pleated Blind

- 25mm & 38mm Honeycomb single cell, Clutch & Motorised



Clutch

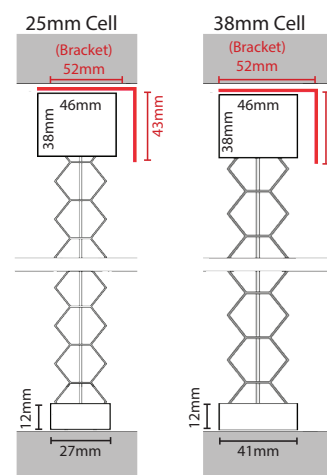


Motorised

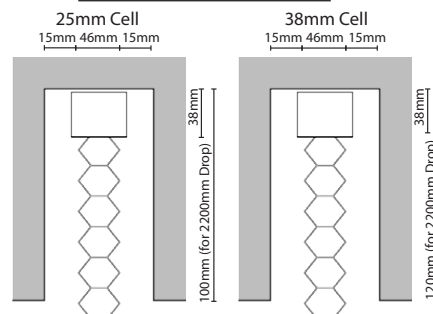
Key Numbers

- | | |
|--------------------------------|--|
| 1. Aluminium Bottom Rail | : Colour co-ordinated
D 27mm x H 12mm - 25mm Cell
D 41mm x H 12 mm - 38mm Cell |
| 2. Bottom Rail End Cap | : Colour co-ordinated |
| 3. Aluminium Head Rail | : D 46mm x H 38mm - 25mm Cell - White, Black colour co-ordinated, Grey Sheen colour co-ordinated, (with Fabric Insert on face)
D 46mm x H 38mm - 38mm Cell - White, Black colour co-ordinated, Grey Sheen colour co-ordinated, (with Fabric Insert on face) |
| 4. Rail Insert | |
| 5. Aluminium F Rail | |
| 6. Mounting Bracket | : Zinc Plated |
| 7. Head Rail End Cap | : Off-white |
| 8. Clutch | : Off-white |
| 9. Gear Box PL | : For W X D ≥ 3.24m ² |
| 10. Cordless Module Housing | : Without Spring |
| 11. Control Cord PL | : Loop |
| 12. Tilter Rod | : Zinc Plated |
| 13. Tilter Rod End Washer | : Stainless |
| 14. Cord | : Colour coordinated |
| 15. Fix Button | : Plastic |
| 16. Tension Device | : Clear |
| 17. Separator | : Plastic |
| 18. Screw for Mounting Bracket | : Zinc plated |

Bracket Sizes



Recess Measurements



Honeycomb Pleated - Maximum Size Specifications

Control Type	Honeycomb Type (single cell)	Min / Max Blind Size			
		Max m ²	Min Width	Max Width	Max Drop
Clutch (cord on one side)	25mm	6.75 m ²	300mm	2700mm	2500mm
Clutch (cord on one side)	38mm	6.75 m ²	300mm	2700mm	3000mm
Motorised 12v with 230v transformer	25mm	6.75 m ²	840mm	2700mm	2500mm
Motorised 12v with Rechargeable Battery	38 mm	6.75 m ²	840mm	2700mm	2500mm

Honeycomb Pleated - Motorisation

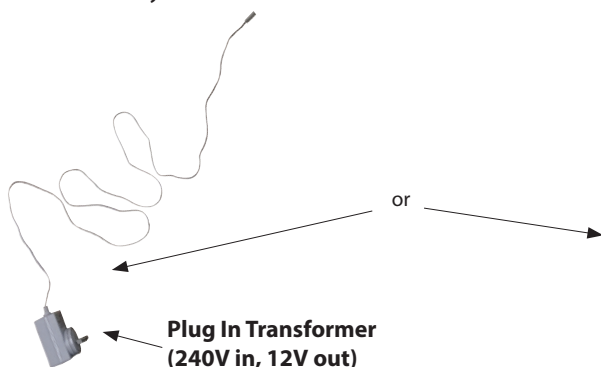


Motorised Operation:

For windows that are out of reach such as conservatories or some commercial installations, Window Treatments can motorise your Honeycomb pleated blinds with a hard-wired Dooya 12v motor, or by an external rechargeable lithium battery. The raising and lowering of the blind is achieved with a rotating spool within the head rail which is driven by motor.

A small solar panel can also be connected to the battery pack to boost the operational life of the battery.

Control options: The blinds can be operated by remote and/or integrated into a BMS system via a Dooya HUB.



DC1276

12V Rechargeable Battery Wand

- For all DOOYA-DC motor (<12V, 20W)
- Power: 11.1V 2.6Ah
- Working life: 600 charging cycles
- Dimension: 225mm x 27.5mm x 27.5mm

Dooya Hub



Motor

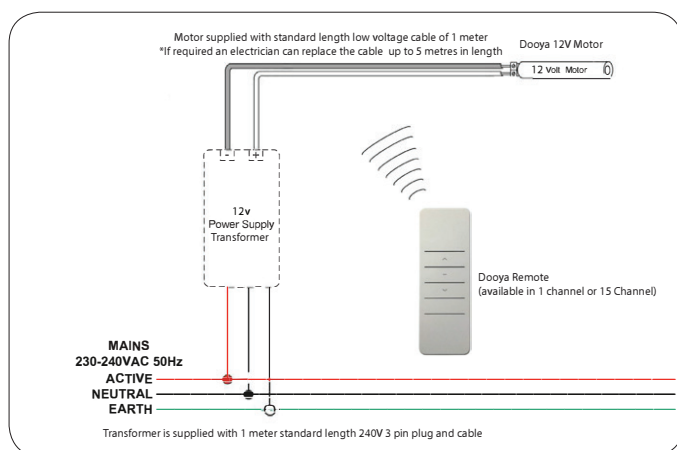
12V, 10W, .8Nm



DC1289A

Dooya Solar Panel

- Output voltage: 12.6V
- Output power: 3W
- Working Temperature: -20°C ~ + 80°C
- Service life: 5 years
- Dimension: 419mm x 54mm x 16mm



Head rail configuration

Transformer



Honeycomb Pleated - Maximum Size Specifications

Control Type	Honeycomb Type (single cell)	Min / Max Blind Size			
		Max m ²	Min Width	Max Width	Max Drop
Clutch (cord on one side)	25mm	6.75 m ²	300mm	2700mm	2500mm
Clutch (cord on one side)	38mm	6.75 m ²	300mm	2700mm	3000mm
Motorised 12v with 230v transformer	25mm	6.75 m ²	840mm	2700mm	2500mm
Motorised 12v with Rechargeable Battery	38 mm	6.75 m ²	840mm	2700mm	2500mm

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Honeycomb Pleated - Fabric Specification

Sonata Block-out and Light Filtering Overview

The Sonata block-out Honeycomb range of fabric is available in 25mm and 38mm width pleat and 45 colours. It consists of 2 layers of fabric with a foil lined white backing. The deliberately chosen white on the reverse (the window side), ensures a uniform appearance from the outside and provides a high degree of light reflectivity. Both the inside and the outside have a subtle textile character. The foil core gives the fabric extra stability, a plus point with the extreme heat that often occurs with skylights.

If you prefer some natural light and still retain your heat our Sonata light-filtering honeycomb fabric would provide a perfect solution.

Note: The entire Sonata range is suitable for both perpendicular and skylight windows.

Sonata Block-out and Light filtering

TECHNICAL DATA	Block-out	Light-filtering
COMPOSITION	100% Polyester	100% Polyester
FABRIC THICKNESS	0.16mm	0.25mm
FABRIC WEIGHT	190 gsm	204 gsm
PLEAT HEIGHT	25mm & 38mm	25mm & 38mm
LIGHT FASTNESS	4	4
METALLIZED	Yes	No
BLOCKOUT	Yes	No

Sonata Block-out & Light-filtering (45 colours available)



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PLEASE NOTE: Colours shown are indicative only.
Fabric Samples are available on request.